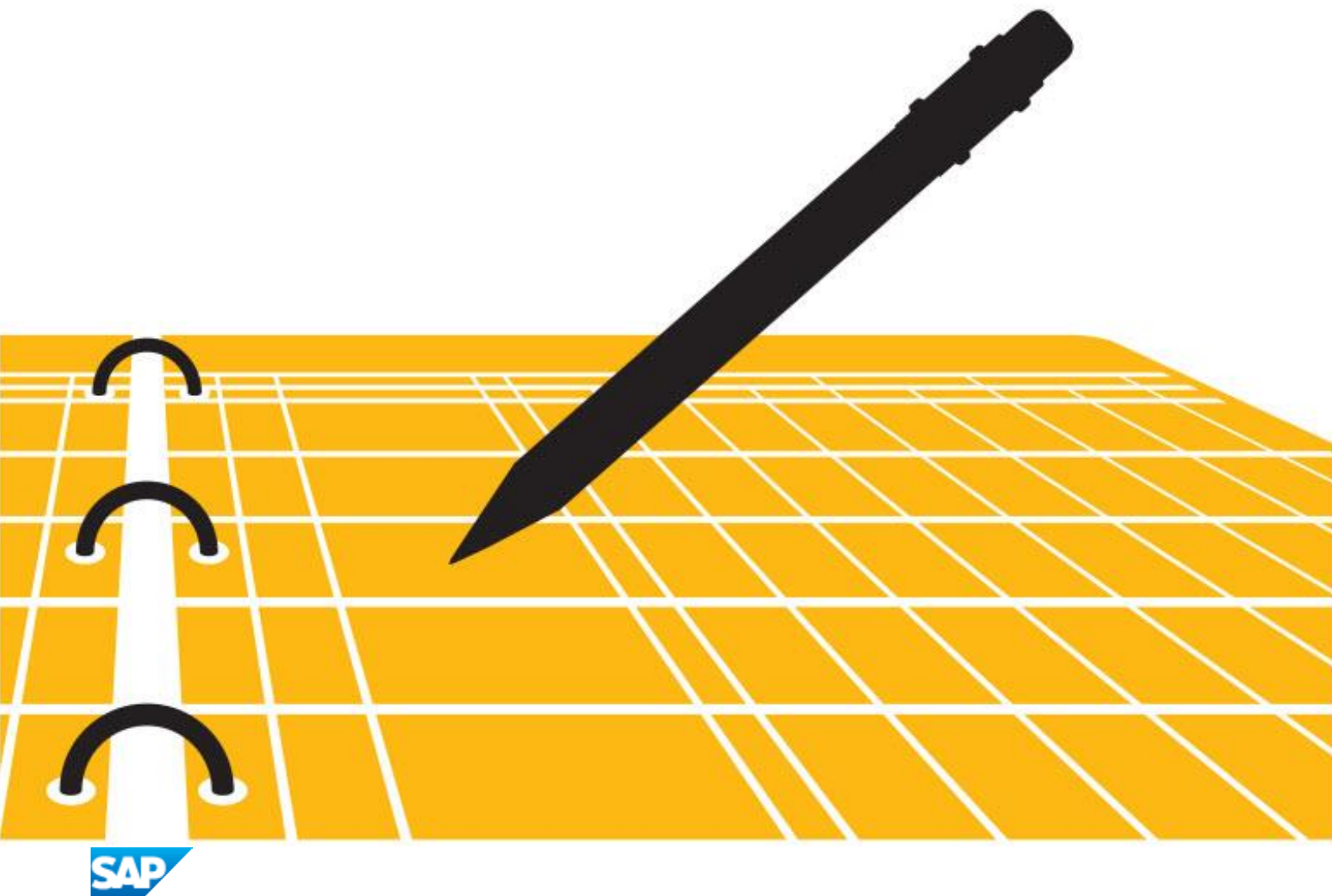


Administration Guide for
SAP Paybacks and Chargebacks by Vistex, release 6.2
SAP Incentive Administration by Vistex, release 6.2
SAP Data Maintenance for ERP by Vistex—Pricing, release 6.2
SAP Data Maintenance for ERP by Vistex—Resources, release 6.2



Typographic Conventions

Type Style	Description
<i>Example</i>	Words or characters quoted from the screen. These include field names, screen titles, pushbuttons labels, menu names, menu paths, and menu options. Textual cross-references to other documents.
Example	Emphasized words or expressions.
EXAMPLE	Technical names of system objects. These include report names, program names, transaction codes, table names, and key concepts of a programming language when they are surrounded by body text, for example, SELECT and INCLUDE.
Example	Output on the screen. This includes file and directory names and their paths, messages, names of variables and parameters, source text, and names of installation, upgrade and database tools.
Example	Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation.
<Example>	Variable user entry. Angle brackets indicate that you replace these words and characters with appropriate entries to make entries in the system.
EXAMPLE	Keys on the keyboard, for example, F2 or ENTER .

Document History

Document Version	Date	Comment
1.0	January 26, 2022	Initial version

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1 About This Guide

This guide does not replace the daily operations handbooks that we recommend customers create for their specific production operations.

This guide provides a starting point for the optimal maintenance and operation for following SAP solution extensions by Vistex.

- SAP® Incentive Administration by Vistex
- SAP® Paybacks and Chargebacks by Vistex
- SAP® Data Maintenance for ERP by Vistex—Pricing
- SAP® Data Maintenance for ERP by Vistex—Resources

Listed above applications developed in ABAP with its own /IRM/ namespace, the standard SAP Operations Guide should be referenced for most tasks. It can be found in the [SAP Help Portal](#). For information on NetWeaver, please refer to the NetWeaver Guide for SAP NetWeaver 7.5 found at [SAP Help Portal](#).

This guide addresses the following target audience:

- System administrators
- Technical consultants
- Key users

2 Getting Started

Make sure to read the information in this section before you get started with SAP solution extensions by Vistex:

- SAP® Incentive Administration by Vistex
- SAP® Paybacks and Chargebacks by Vistex
- SAP® Data Maintenance for ERP by Vistex—Pricing
- SAP® Data Maintenance for ERP by Vistex—Resources

2.1 Glossary of Terms and Abbreviation

Term	Abbreviation	Definition
SAP Paybacks and Chargebacks by Vistex	PC	The general business scenario addressed by the solution; a nickname for the solution
SAP Incentive Administration by Vistex	IA	The general business scenario addressed by the solution; a nickname for the solution
SAP Data Maintenance for ERP by Vistex—Pricing	DMP	The general business scenario addressed by the solution; a nickname for the solution
SAP Data Maintenance for ERP by Vistex—Resources	DMr	The general business scenario addressed by the solution; a nickname for the solution
SAP solution extensions by Vistex		Any or all of the applications above (PC, IA, DMP and/or DMr) acting as a solution suite

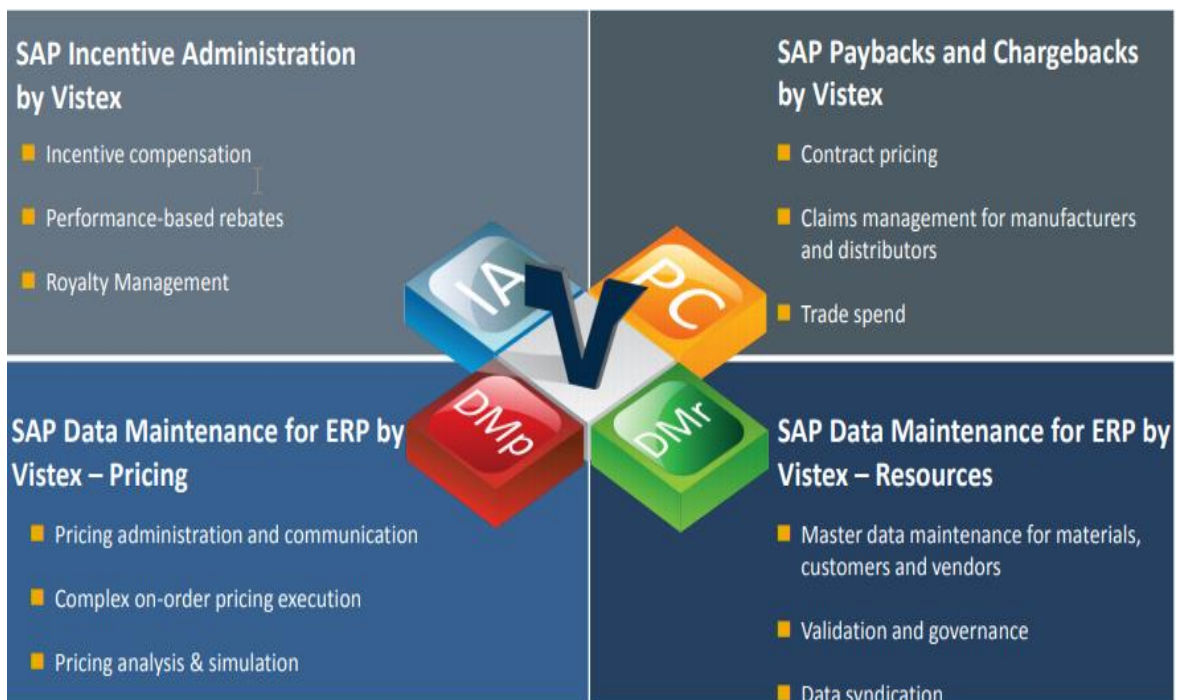
2.2 Useful Links

The following resources provide access to more information about general topics, such as software downloads or customer incidents.

Resource	Where to Find It
User assistance for above listed solutions	SAP Help Portal Revenue Management Solutions & Services - Vistex, Inc
Information about creating customer incidents	Product Support (sap.com)
SAP Notes search	Knowledge Base (sap.com)
SAP Software Download Center	Software Downloads (sap.com)
Product Availability Matrix	Maintenance (sap.com)
SAP solution extensions by Vistex	Solutions for SAP - Vistex, Inc
Early Knowledge Transfer and role-specific learning maps	Get Involved Early (sap.com)
Sizing	Benchmark Sizing SAP
Network security	SAP Help Portal
Performance	Introduction to Performance and Scalability SAP
Information about support package stacks, latest software versions and patch level requirements	SAP Support Package Stacks
Information about Unicode technology	Browse Topics SAP Community

3 SAP solution extensions by Vistex Product Overview

Vistex is a global provider of enterprise solutions and services. Vistex modules utilize the core SAP ERP environment. The software and services provided by Vistex help companies increase revenue and reduce costs with their business partners by managing trade, channel and vendor programs, pricing, performance incentives and rights & royalties. Optimized by industry and deployed on premise or in the cloud, enterprises are empowered with unprecedented visibility into the full life cycle of program performance through strategy, software, implementation, execution and analytics services. Enterprise software platforms, designed to provide a holistic view of operations and offer opportunities for growth and expansion, appear more constrained. Vistex tips the scale and brings back balance, providing exceptional visibility into the breadth and depth of Go-to-Market programs, enabling businesses with more insightful information.



Companies adept at managing the contract and agreement lifecycle can significantly increase operating income and even turn operating losses into profits. Integrated with your SAP® ERP application, the SAP Incentive Administration application by Vistex and SAP Paybacks and Chargebacks application by Vistex enable the management of rebates, chargebacks, and claims-based programs.

Objectives

- Seize opportunities to recover costs and increase operating income
- Manage complex contracts and agreements with suppliers, manufacturers, and end customers
- Eliminate manual, unstructured processes and practices

Benefits

- Increased vendor cost recovery with contracts
- Improved process visibility and the ability to share resulting analyses
- Reduced days chargebacks outstanding and vendor disputes with improved monitoring function
- Facilitated compliance with legal requirements and cost recovery policies

3.1 SAP Paybacks and Chargebacks by Vistex

This section provides an overview of SAP Paybacks and Chargebacks by Vistex, including relevant business scenarios and technical system landscape:

SAP® Paybacks and Chargebacks by Vistex leverages core SAP ERP and facilitates all aspects of your Go-to-Market programs for claims management. Reduce the cost of goods sold and increasing your profit margins. Increase cost recovery with contracts that reconcile with pricing agreements, corporate guidelines and other conditions. Improve visibility to the claims management lifecycle with a complete audit trail and access to data for gross-to-net analysis. And ultimately, decrease cost recovery time with improved monitoring and automation of complex processes.



- Develop and manage all claim, accrual, reconciliation, and settlement activities
- A full audit trail for claim activity ensures financial accuracy and compliance
- Analytical and simulation capabilities evaluate and maximize recovery and help plan/forecast
- Automate claim management and related financial transactions

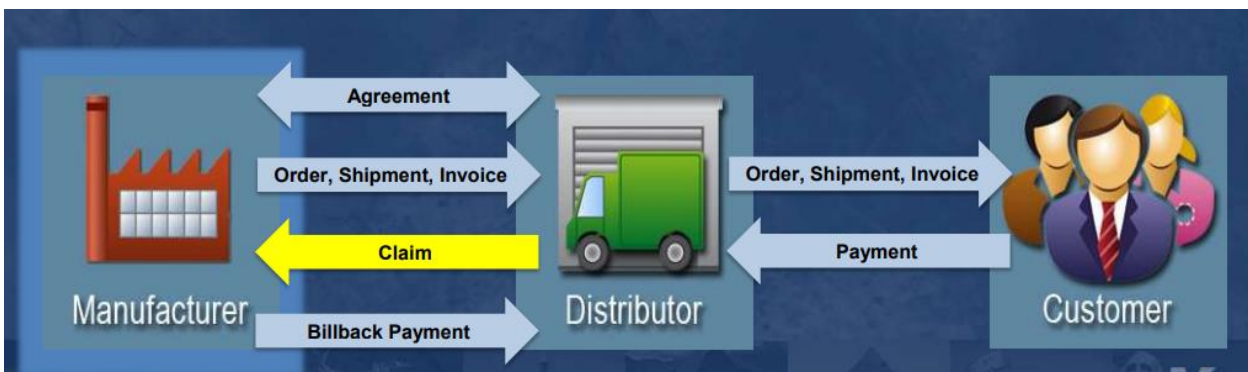
i Note

For additional information please refer to [SAP Paybacks and Chargebacks | Vistex, Inc.](#)

3.1.1 Paybacks and Chargebacks Definitions

Many companies use various types of paybacks, billbacks or chargebacks to determine reimbursement amounts. Reimbursements could be due to contractual agreements that force distributors and resellers to sell a manufacturer's products to end customers at prices lower than the inventory acquisition cost. Channel partners may also be entitled to reimbursement for marketing expenses, or for the lost value of on-hand inventory due to price changes or obsolescence of products by the manufacturer.

These reimbursements can be determined by the payer who is monitoring the purchase transactions of their customers, but more often the reimbursement must be explicitly requested by customers through the generation and submission of claims to the payer. The claim data can provide important information necessary to substantiate the claim that a payer cannot know otherwise.



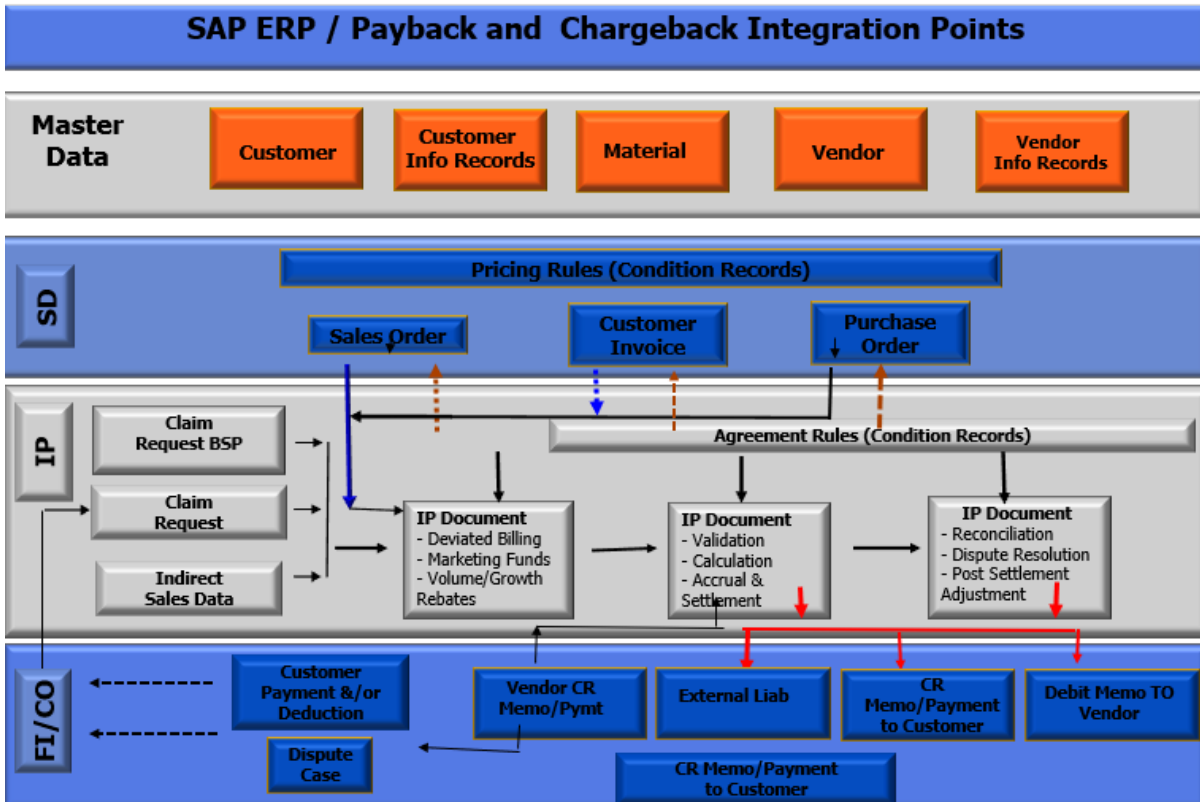
3.1.2 Paybacks and Chargebacks Common Industry Terms

Agreement or Contract	Payback
Billback Chargeback	Rebate
Claim	Membership
Customer group	Settle
Flexible Group(s)	Price validation
Deviated Billings	Depletion Allowances

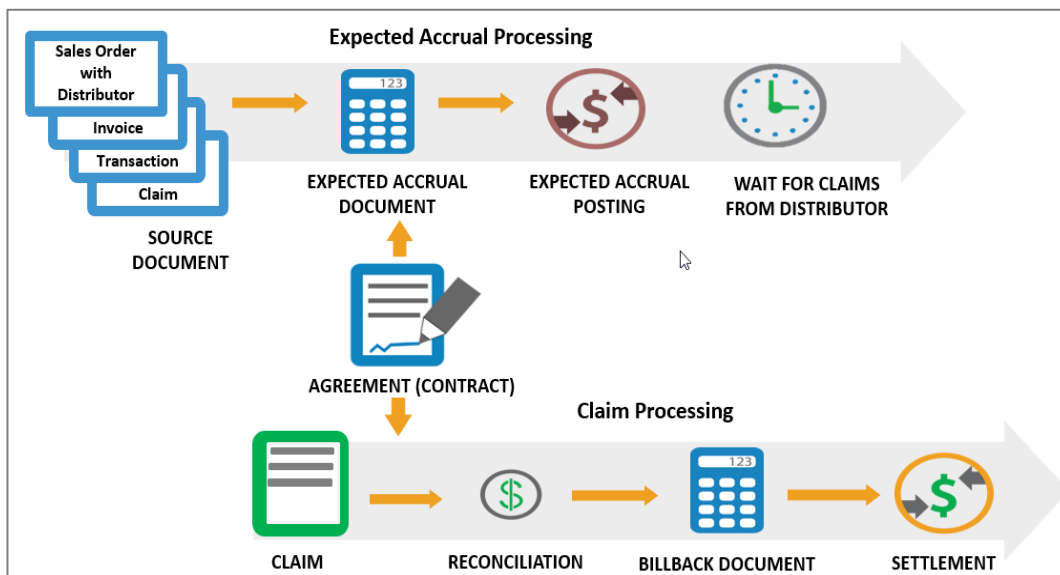
3.1.3 Industries with Paybacks and Chargebacks Scenarios

Manufacturing	Wholesale Distribution
Mill Products	Consumer Products
Food service	

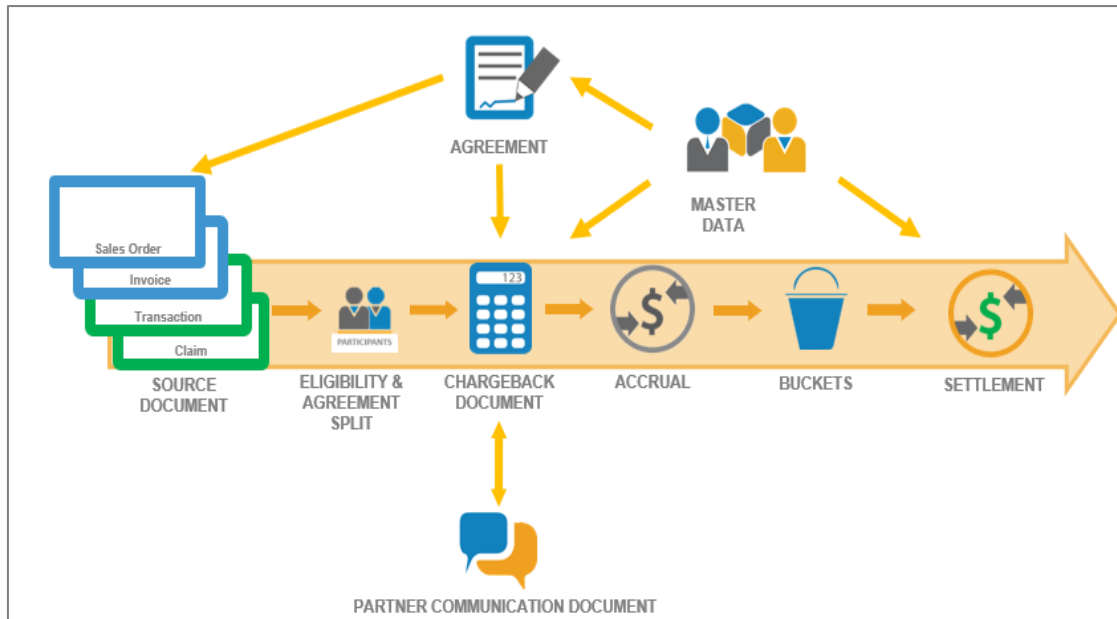
3.1.4 Main Process



3.1.5 Billback (Payee) Process Model



3.1.6 Chargeback (Payer) Process Model



3.1.7 Benefits

Manufacturer	Distributor
Handle any complicated Billbacks program	Generate accurate calculations
Manage Billbacks with/without expected accruals	Streamlines chargeback process
Offers several check and validation tools	Improve profit margin
Improve claim processing using predefined adjustment/action codes	Increase cash flow
	Manage claims process
	Increase analytical capabilities

3.2 SAP Incentive Administration by Vistex

This section provides an overview of SAP Incentive Administration by Vistex, including relevant business scenarios and technical system landscape:

The SAP® Incentive Administration application by Vistex enables business to run sales rebates, commissions, and other incentive compensation plans; administer royalties to monetize and manage intellectual property and associated costs; and use purchasing rebates to reduce costs of raw materials and components, accurately measure revenues, and reallocate funds – or add to bottom-line profits.

Embedded natively into core ERP, SAP Incentive Administration by Vistex allows you to administer, model, report and analyze all aspects of even the most complex sales or purchasing rebate programs, royalty calculations, sales commissions or incentive compensation and bonus plans.

SAP Incentive Administration supports the entire incentives management lifecycle from creation to realization, with analytics to evaluate program viability and effectiveness.



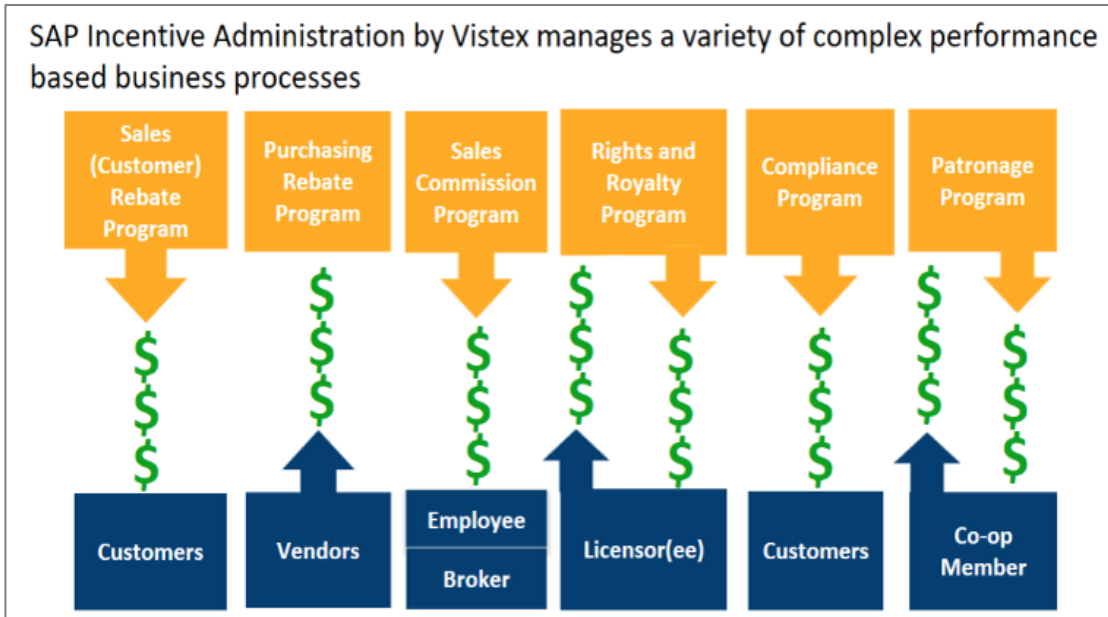
- Automated calculations of rebates, royalties, and commissions
- Modeling, administration, ad-hoc reporting, and analytics tools
- Provide accurate and timely Incentives payment
- Set targets and quotas and compare actual outcomes to your budget
- Share data throughout your organization through the SAP integration

i Note

For additional information refer to [SAP Incentive Administration | Vistex, Inc.](#)

3.2.1 Definitions

SAP Incentive Administration by Vistex manages a variety of complex performance-based business processes, streamlining and simplifying rebate, royalty and incentive compensation programs. SAP Incentive Administration offers the tools to plan, analyze, forecast, execute and settle incentives. Incentives—rebates, royalties, commissions and/or other fees—can be earned based on sales or purchase orders, invoices, submitted claims or other transaction records. The endless possible eligibility rules and formulas for calculating earned incentives, along with the ongoing tracking of amounts paid and due for payment, can create significant complexity and require sophisticated, programmatic management to enable proper accounting, avoid risk of nonpayment liability and support audit requests.



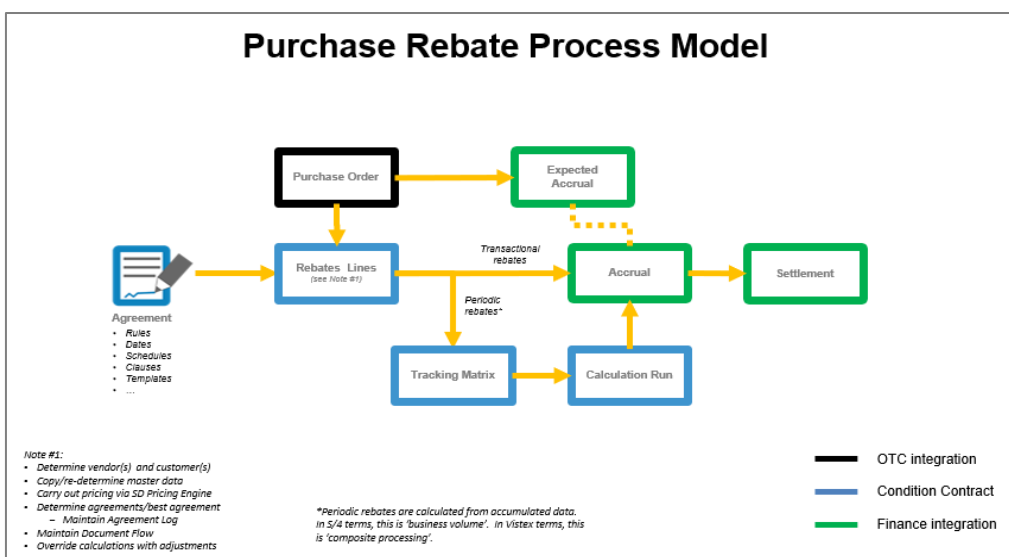
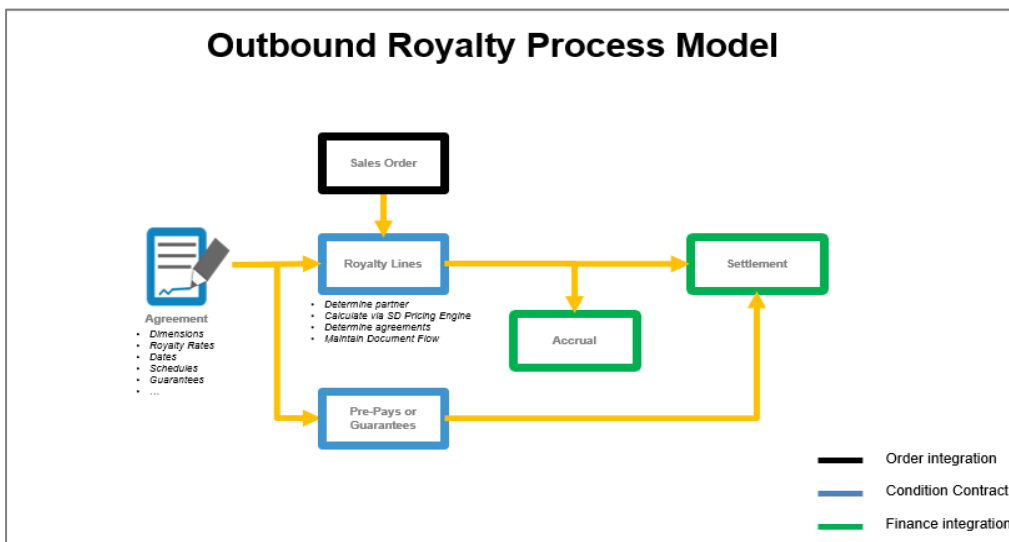
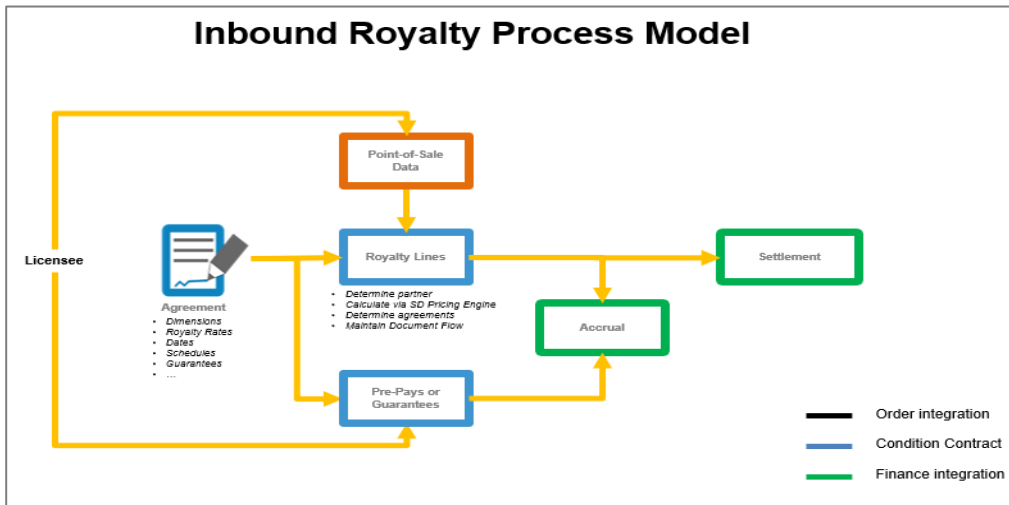
3.2.2 Common Industry Terms

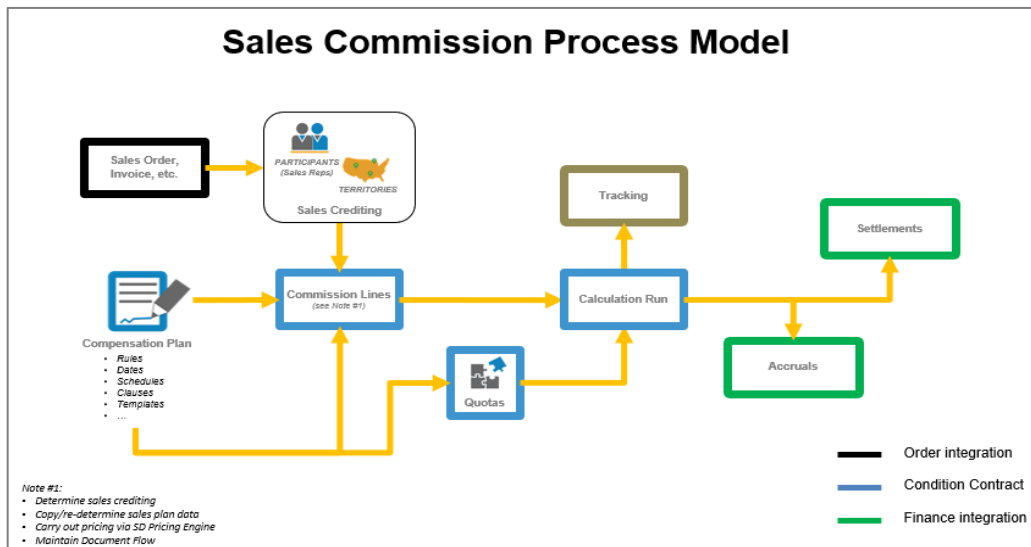
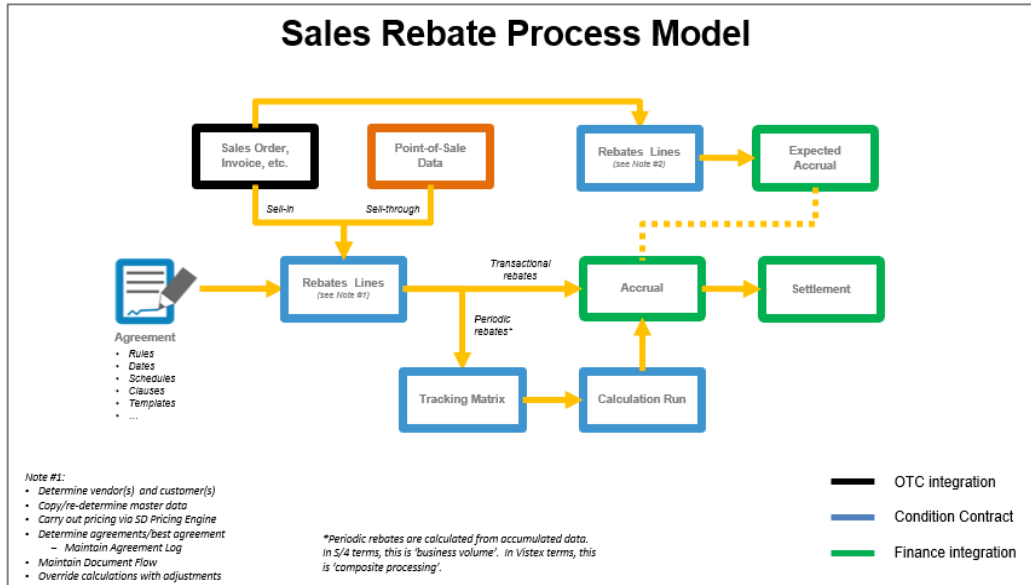
Planning	Forecasting Payouts
Commission	Quota
Fees	Sales Crediting
Territory Management	Employee Commissions
Target Incentives	Tracking

3.2.3 Industries with Incentive Administration Scenarios

Manufacturing	Wholesale Distribution
Mill Products	Consumer Products
Food service	Retail

3.2.4 Incentive Administration Process Models





3.2.5 Benefits

Rebates

- Flexible customer programs to drive business objectives
- Automatically calculate rebates due to customers in real-time
- True visibility through forecasting and profitability analysis

Incentives

- Simple and complex incentive scenarios
- Dynamic sales crediting with territory management
- Quota planning at all hierarchy levels
- Single point of entry for programs

Royalties

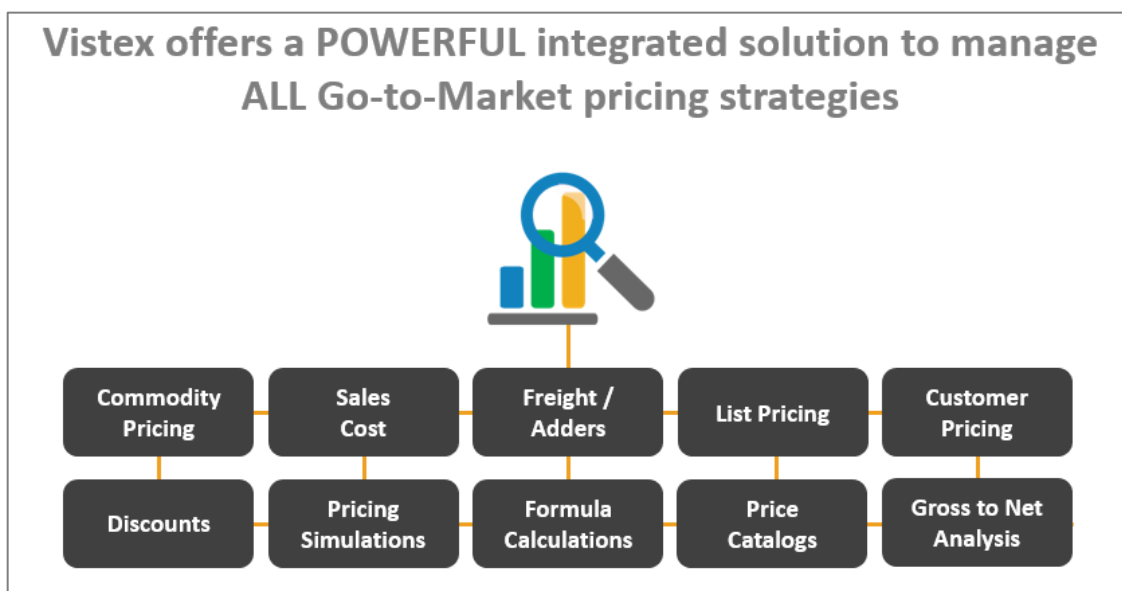
- Manage inbound and outbound royalties
- Complex payout terms (tiers, guarantees, advance, etc.)

- Include external sales data in royalty calculations
- Automatic BOM explosion
- Audit the amounts received from licensees and retailers to maximize the value of your deals

3.3 SAP Data Maintenance for ERP by Vistex—Pricing

This section provides an overview of SAP Data Maintenance for ERP by Vistex for Pricing, including relevant business scenarios and technical system landscape:

SAP Data Maintenance for ERP—Pricing is a comprehensive pricing solution that covers everything from agreement initiation to analytics for buy- and sell-side, while retaining the “core” SAP architecture. The solution footprint covers price administration, deal management, price execution and reporting. User-friendly layouts and intuitive functionality allow users to adjust prices without delay, while providing the ability to execute mass pricing updates, automating maintenance and eliminating hours of manual processes. Key features of DMP is usability: wizards (Data Maps); dashboards, “what - if” scenarios, load external data. For government reporting purposes, it is critical that the system be able to calculate and report the following price types as required by the Centers for Medicare & Medicaid Services (CMS) and the Veterans Administration.



- Price maintenance is delivered in standard when the price sheets are maintained. Classic Price Maintenance is used to maintain one price sheet at a time
- Approve and validate pricing systematically without duplication
- Gain full visibility from time of ale into deal management with multiple products
- Analyze margin of products or agreements
- Create price proposals for review and publishing

3.3.1 Definitions

Visibility and in-depth analysis of pricing strategies to support planning and growth. Critical component(s) of effective Revenue Management include the ability to articulate and gain control of go-to-market programs, sync different elements, optimize margin and reduce revenue leakage. The objective is to charge the right price at the right time and give credits and rebates when needed to customers.

Price Management	Contract Management
Revenue Management	Profit Optimization
Price Policies	Direct & Indirect Price Controls
Government Pricing	Value of Transaction Pricing

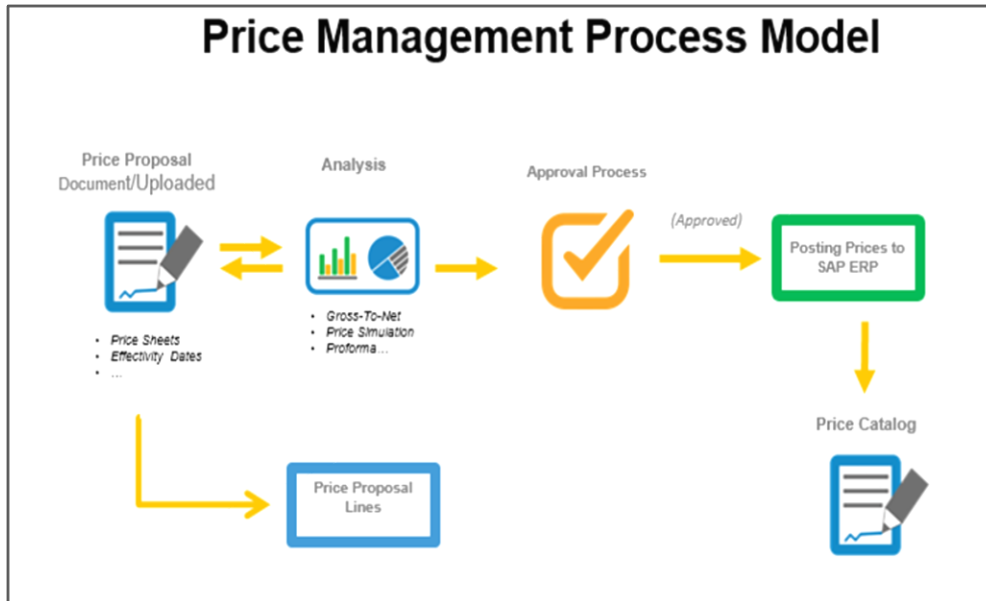
3.3.2 Common Industry Terms

Pricing Sheet	A combination of a condition type (such as price, discount, or surcharge) and a condition table (the fields that form the key for a condition record) for an application (sales or purchasing). Price sheets must be defined during configuration before condition records can be created and stored on each price sheet within DM Pricing.
Dynamic Pricing	Customer-defined condition tables are limited in number. To increase the number of pricing tables that can be defined, create dynamic pricing tables (and create fields to be assigned to the table) in configuration. A dynamic price sheet then is flagged as being maintained using dynamic pricing.
Price Policy	Price policies calculate thresholds for pricing exceptions and generate warnings when a price requirement on a price sheet has been violated. Price policies can be set to auto execute when price records are created, or they can be called on demand.
Classic Maintenance	Classic maintenance is the simplest maintenance method used to create, change, and display condition records. DM Pricing's pricing maintenance offers the ability to create, maintain, and display conditions in an easy-to-use, Excel-like centralized view, giving you greater control for mass changes. When using classic maintenance, saved pricing data instantly becomes accessible by all SAP ECC Sales and Purchasing transactions.
Price Proposal	Initiated to request approval for the creation of condition records.
Profile-based Maintenance	Utilizes the price profiles created during configuration to control how pricing information is fetched and displayed during maintenance activities.

3.3.3 Industries with Data Maintenance Pricing Scenarios

Life Science	Pharma
Food Service	Wholesale Distribution
Retail	Manufacturing

3.3.4 Data Maintenance Pricing Process Models



3.4 SAP Data Maintenance for ERP by Vistex—Resources

This section provides an overview of SAP Data Maintenance for ERP by Vistex for Resources, including relevant business scenarios and technical system landscape:

SAP Data Maintenance for ERP—Resources empowers the maintenance of vital product, customer, and vendor data in the SAP ERP application. Leveraging an intuitive user interface, you can interact with, and manage, your integral data. SAP Data Maintenance Resources provides a single-entry, centralized data repository for all your data, reducing manual errors and increasing data efficiency. Now it's easier than ever to apply rules for data validation and governance, execute mass changes, and process future effectivity date changes. Key Features of DMr: data transformation to feed other systems and catalogs. Describe your project from a business point of view, including key features and business benefits. If you describe business scenarios in detail, add one section per business scenario as required.

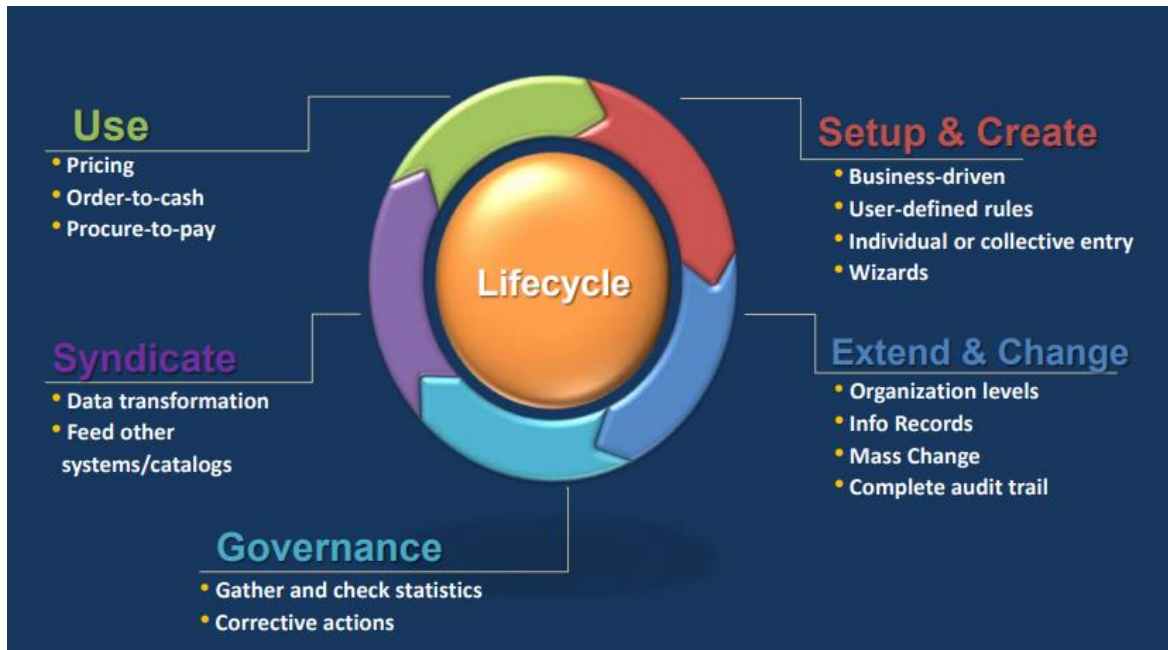


Figure 16

- Easily copy and extend data across customer, material (plants, ales distribution centers, etc.), and vendors
- Enables the creation and delivery of mass changes to master data
- Validate compliance and governance with a full audit trail and approval processes
- Maintain future -dated changes
- Boost productivity with automated tools and an intuitive interface

3.4.1 Definitions

DMr is used to increase business performance with actionable insights from your master data.

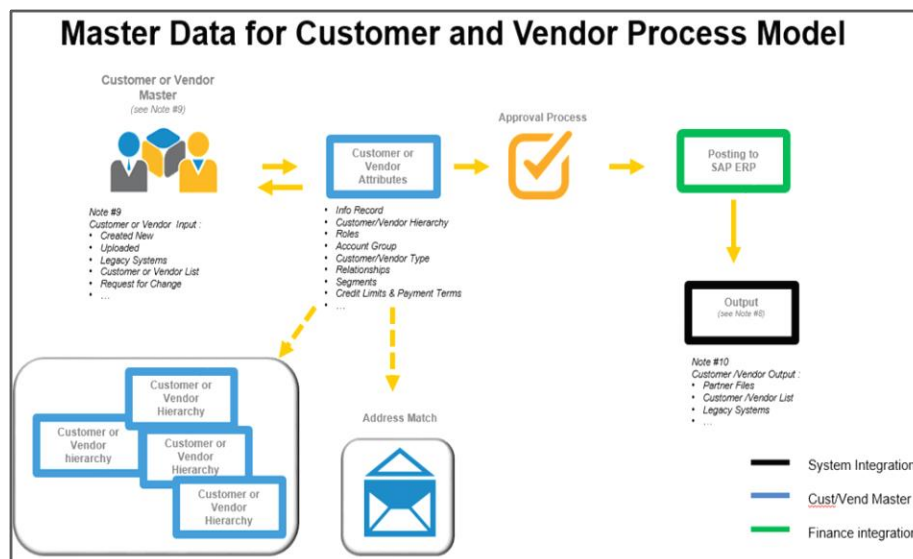
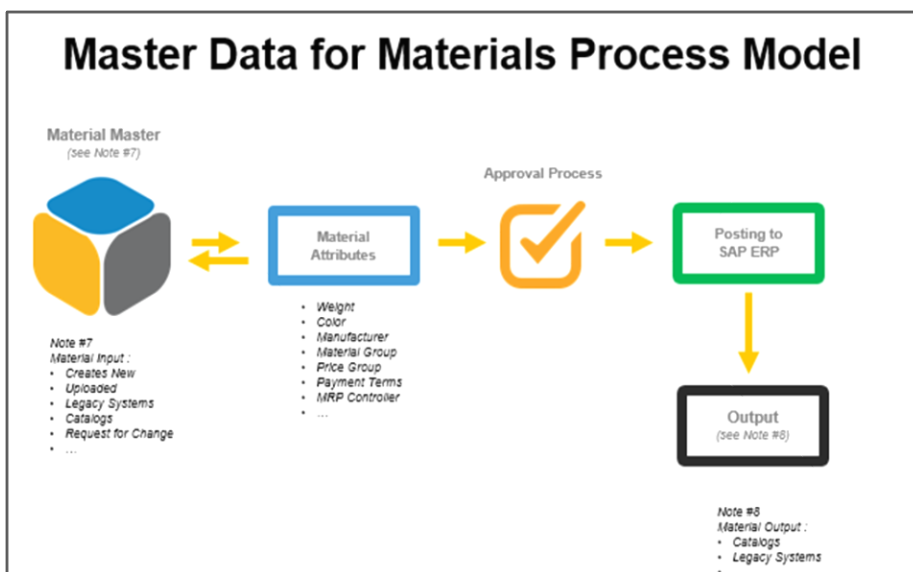
3.4.2 Common Industry Terms

Order-to-cash	Procure-to-pay
Systems/catalogs	Mass Change
Audit trail	Data Information

3.4.3 Industries with Data Maintenance Resources Scenarios

Life Science	Consumer Products
Food Service	Wholesale Distribution
Retail	Manufacturing

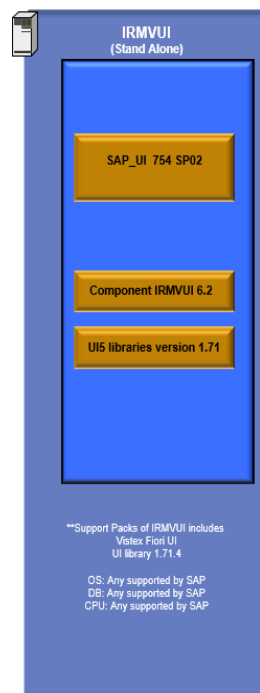
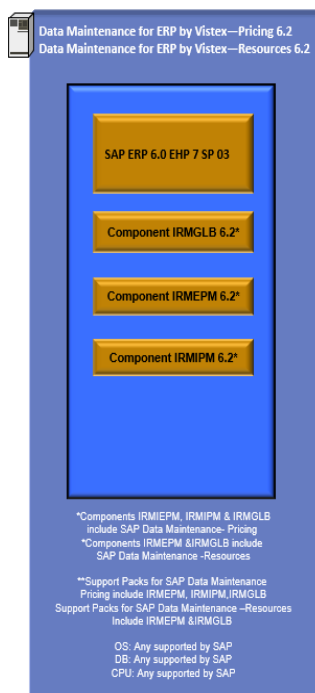
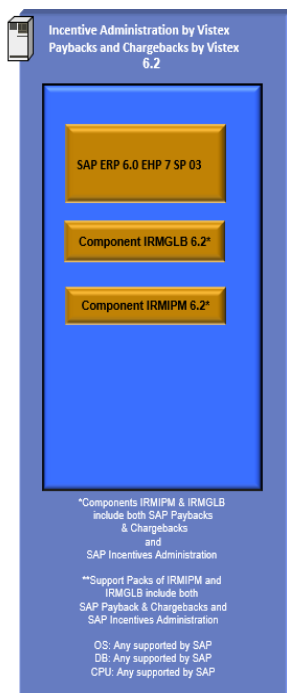
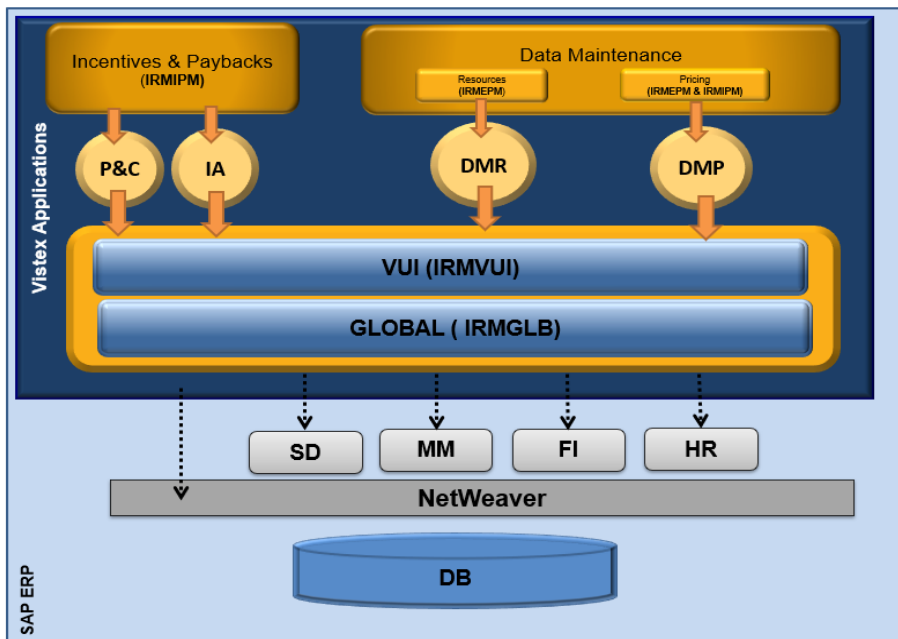
3.4.4 Data Maintenance Resources Process Models



4 Technical System Landscape

This section describes the technical system landscape and the software components involved. The following figure provides an overview of the system landscape for SAP solution extensions by Vistex.

SAP solution extensions by Vistex consists of various technical components, each representing one or more business functions described in this guide.



5 Preparation Planning

5.1 Overview of Technical Runtime Scenario for SAP Paybacks and Chargebacks and SAP Incentive Administrative by Vistex

Software Component	Required or Optional
IRMGLB	Required
IRMIPM	Required
IRMVUI	Optional

5.2 Overview of Technical Runtime Scenario for SAP Data Maintenance - Resources for ERP by Vistex

Software Component	Required or Optional
IRMGLB	Required
IRMEPM	Required
IRMVUI	Optional

5.3 Overview of Technical Runtime Scenario for SAP Data Maintenance - Pricing for ERP by Vistex

Software Component	Required or Optional
IRMGLB	Required
IRMEPM	Required
IRMIPM	Required
IRMVUI	Optional

From a microeconomic perspective, a business scenario is a cycle that consists of several different logical processes interconnected in time. Typically, a business scenario includes several company departments and involves other business partners.

5.4 Release Minimum Requirements

From a technical point of view, SAP solution extensions by Vistex business scenarios need SAP ECC to run. The application is support pack and enhancement pack independent. A business scenario is a unit that can be implemented separately and reflects the customer's prospective course of business. You need to ensure that your system is exactly on the following release level:

- **On ERP system if they use Fiori Minimum Requirements are:**
 - SAP ERP 6.0 EHP7 SP03 OR
 - SAP ERP 6.0 EHP8 Base package
- **FIORI Minimum Requirements**
 - SAP_UI 754, SP02 & Minimum UI5 libraries 1.71.4
- **Standalone FIORI server**
 - Minimum SAP_UI 754, SP02 and Minimum UI5 libraries 1.71.4

5.5 Implementation

Please refer to the Installation Note and Installation procedure for SAP solution extensions by Vistex for SAP ERP on release 6.2 and support packs under release 6.2.

5.6 Overview of Important SAP Notes

The following SAP Notes are essential for installing, upgrading, migrating, and operating SAP solution extensions by Vistex for SAP ECC ERP:

SAP Note	Description
3138910	Master Install – Upgrade for Vistex Incentives and Paybacks & Data Maintenance release 6.2
3138949	Vistex IP & DM Module Upgrade to Release 6.2 for ECC 6.0 with EHP7 and higher
3146690	Vistex Conversion Programs for the IP & DM Module Upgrade to Release 6.2
3146753	Vistex IP & DM 6.2 Technical Installation for ECC 6.0 with EHP7 and higher

Note

The SAP Notes relevant for installation and upgrade are also listed in the respective sections in this guide. Make sure that you have the latest version of each SAP Note, which is available on SAP Support Portal at [Knowledge Base \(sap.com\)](https://knowledge.sap.com). Notes are frequently updated.

For additional information refer to SAP product help portal [SAP Help Portal](#) and Vistex [Support Solutions for SAP - Vistex, Inc.](#)

6 Installing SAP solution extensions by Vistex

For detailed installation information refer to SAP product help portal [SAP Help Portal](#) and Vistex [Support Solutions for SAP - Vistex, Inc.](#)

6.1 Pre-Installation Tasks

This section describes tasks that must be completed before you begin installation of SAP ECC ERP for SAP solution extensions by Vistex.

Download the following Vistex Add-on Installation packages and Support Packages from [SAP Support Portal Home](#).

Installation Tools:

Standard SAP add-on installation tools such as SAINT (for installation) and SPAM (for Support Packages) should be used for loading the solution into your system.

For detailed information on installation please refer to SAP notes listed above.

6.2 Post-Installation Tasks

This section describes tasks that should be completed after you've finished installing SAP solution extensions by Vistex.

Note

None. Currently no post-processing is necessary.

6.3 HELP Documentation

Help documentation is available online at [Welcome to Vistex Help Portal - Vistex, Inc](#) or [SAP Support Portal Home](#).

6.4 Related Documents

Refer to the “Release Summary” document by Vistex which is available on the Vistex company website. Customers may subscribe to receive the Release Summary document for each new release.

- Go to [Revenue Management Solutions & Services - Vistex, Inc.](#)
- Choose “Services” > “Customer Support” menu option
- Click “SAP Solutions Support” icon
- Scroll to the bottom of the page and fill out the form

6.5 Explanation of Vistex Licenses

Each Vistex add-on solution for SAP ECC ERP is licensed separately. The solution add-ons will be available from the [Software Downloads - SAP ONE Support Launchpad](#) download site according to the customer's licensing agreement. For missing solutions add-ons, please contact the customer's SAP account executive.

6.6 Getting Support

If you encounter any problems with SAP solution extensions by Vistex, report an incident on SAP Support Portal. To report an incident, go to SAP Support Portal at [Software Downloads - SAP ONE Support Launchpad](#). The relevant component of each solution.

If you experience an issue with your Incentive and Paybacks software, please first look for applicable SAP Notes as the issue may already be known and resolved. Search SAP Service Marketplace SAP Notes using the component XX-PART-IPS. First level support of SAP solutions extensions by Vistex is provided through [SAP Help Portal](#) via component XX-PART-IPS.

If you experience an issue with your Data Maintenance software, please first look for applicable SAP Notes as the issue may already be known and resolved. Search the SAP Note listing in the VOICE section of the website (Notes are cataloged by Release/Support Package level)

If you are unable to find an SAP Note to resolve the issue, please open a customer message with SAP under the component XX-PART-DTM.

All support and remote support tools are available as per the standard SAP service contract. Remote support is provided by SAP (and/or Vistex) via SAP Solution Manager, and the standard SAP support roles can be used for the support activities. Please refer to Vistex Installation Guide.

Vistex offers a wide range of support programs to meet the ongoing needs of our customers. Expertly trained support service teams are available to your teams around the globe.

General Inquiries:

[General Inquiry - Vistex, Inc](#)

Our Support Team is expertly trained on Vistex applications and can assist customers to optimize the condition and performance of Vistex solutions. We engage in long-term relationships with our customers, coming alongside your IT teams to generate maximum operational health of Vistex solutions.

Software Package	Support is Provided Through	Use Component
Incentive & Paybacks	SAP Service Marketplace Customer Message Channel	XX-PART-IPS
Data Maintenance	SAP Service Marketplace Customer Message Channel	XX-PART-DTM
Government Pricing	SAP Service Marketplace Customer Message Channel	XX-PART-DTM
Cash Application	Email	

For customers that require service and support for tailored/custom solutions, please visit our [Services](#) page.

6.7 Constraints

None

7 What's new in the release

For detailed list refer to “Release Summary” overview on the product page at SAP portal [SAP Help Portal](#).

This released introduced a major new architectural feature: *Vistex Query Engine*.

Vistex ViZi is an enterprise reporting and analytics platform included with every Vistex solution extension for SAP that collects and connects data from all your go-to-market activities. Its predictive analytical capabilities provide business with the foresight to forecast, adjust and course correct as necessary.

The Vistex Query Engine is an optional component of ViZi that, when installed, enables the Vistex dashboard tiles to display dynamic metrics related to the content represented by the tile. This capability is useful in providing real-time dashboard information overlaid on the dashboard's traditional user-navigation capabilities.

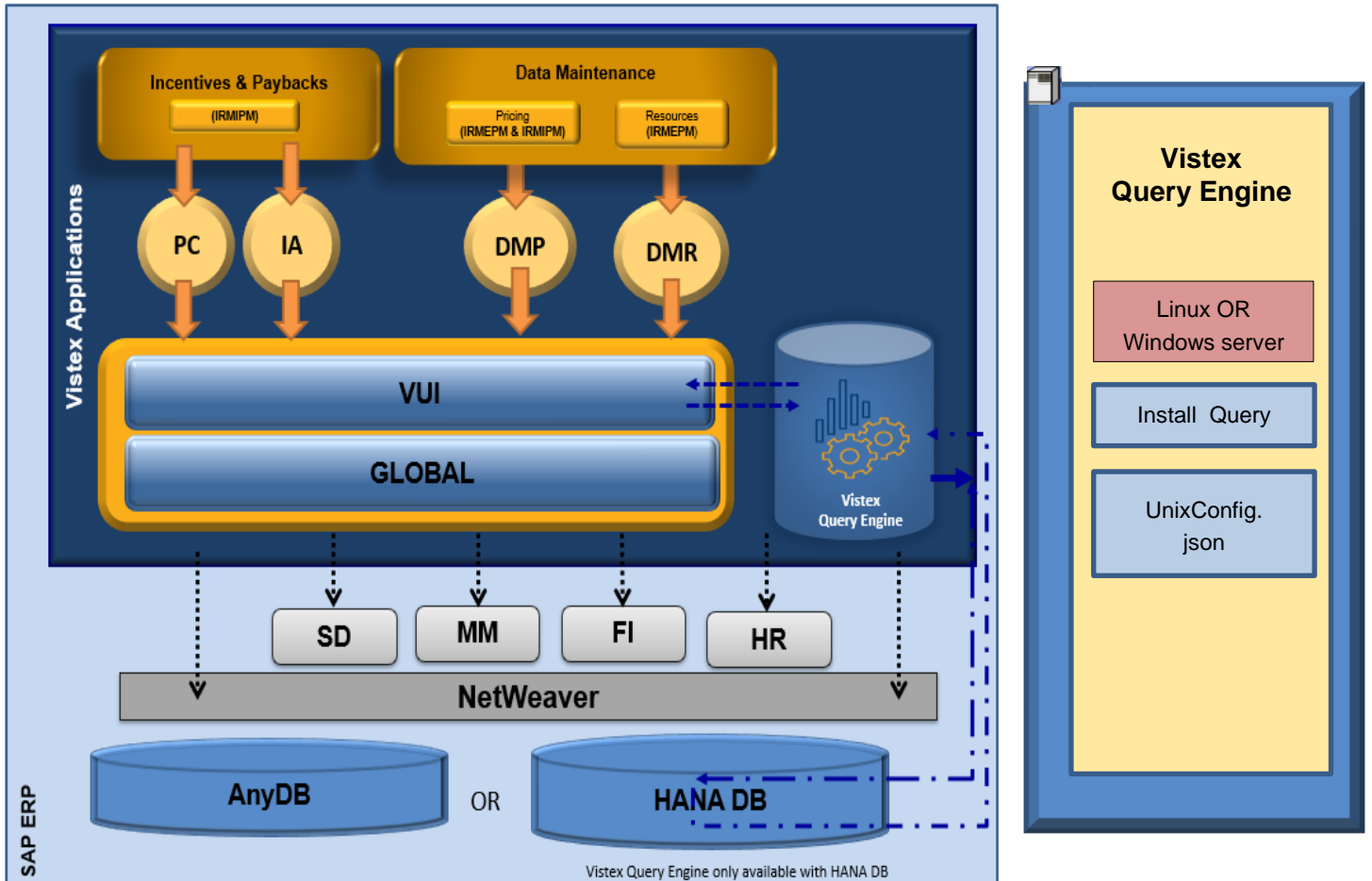
When implemented, the Vistex Query Engine collects information directly from the SAP HANA database used for SAP S/4HANA and the Solution Extensions by Vistex and processes that data to provide the real-time metrics dynamically displayed in the dashboard tile icon. If the Vistex Query Engine is not implemented, the dashboard tile icon will only be able to display a static label.

For example, the dashboard may have a tile that the user can click to navigate to the Vistex Agreement Workbench. This tile may have a static label, “Agreements” or it may have a dynamic label, “Agreements: 5 pending approvals” where the number of agreements is determined real time via the Vistex Query Engine.

You may choose to install the optional Vistex Query Engine and implement this additional capability, but it is not required for normal Vistex application functionality in general, or any other analytical and operational reporting capabilities in Vistex applications.

The Vistex Query Engine is built with a non-ABAP language and installed on a server separate from the SAP NetWeaver and HANA servers.

7.1 Query Engine Landscape



7.2 Query Engine Minimum Requirements

Vistex Query Engine Requirements

~ Windows or Linux Server w/32GB Memory

Linux Requirements

- SLES 12 Sp4 or Higher / RHEL 7.9 Or higher
- HANA Client Version 2.0 or higher
- .NET CORE version 6 or higher

Windows Requirements

- Windows Server 2012 or later
- HANA Client Version 2.0 or higher
- .NET CORE version 6 or higher

For additional information refer to product page at SAP portal [SAP Help Portal](#).

7.3 Overview of Important SAP Notes

The following SAP Notes are essential for installing Query Engine if used with release:

i Note

The SAP Notes relevant for installation and upgrade are also listed in the respective sections in this guide. Make sure that you have the latest version of each SAP Note, which is available on SAP Support Portal at <http://support.sap.com/notes>.

SAP Note #	SAP Note Title	Description
3146118	Vistex Query Engine Installation/Upgrade on Windows for IP/DM ECC Release 6.2	Installation and upgrade instructions for Windows
3146119	Vistex Query Engine Installation/Upgrade on Linux for IP/DM ECC Release 6.2	Installation and upgrade Instructions for Linux

i Note

For additional information refer to Query Engine Admin Guide at SAP portal [SAP Help Portal](#).

8 Configure SAP Paybacks and Chargebacks by Vistex

This section describes how to configure the basic scenario(s) of SAP solution extensions by Vistex for 6.2.

The purpose of the scenarios is to provide insight into typical processes.

DISCLAIMER: *The scenario described in the procedure steps below reflects the use of strictly example configuration.*

8.1 Glossary of commonly used terms for SAP Paybacks and Chargebacks and SAP Incentive Administrative by Vistex

Agreements	Specifies the agreement number. This is an internal number for the company. A contract between two business partners with the eligibility rules. A rebate agreement represents a contract between two business partners, defining the terms and conditions of a discount that is paid after the purchase of a product. For example, you can define the rebate recipient, the rebate value, and the criteria on which the rebate is based. You can also define amounts to be accrued.
Sales rebate agreement	The company pays the sales rebate amounts based on an agreement set up between the company and the customer on the rebate conditions of the items. The agreement summarizes the pricing conditions of the items and the settlement parameters. Each agreement can pertain to many customers or just one customer. Agreements can be national, local or limited to a specific customer location.
Agreement Type	Specifies the type of agreement being used for the particular IP Application. There may be one or more kind of agreements for Sales Rebates and the appropriate type is chosen while creating the agreement.
Agreement Term	Illustrates how many days/weeks/months/years are in the validity period. The Valid From and Valid To dates can drive the Agreement Term or the Agreement Term can drive the Valid To date.
Eligibility	Who the contract is with, rates, rebates, including exclusion conditions or inclusion conditions. Exclusion Conditions used to maintain any specific exclusion rules for rebate eligibility. Inclusion Conditions used to include any specific customers and materials beyond what is specified in the eligibility rules.
Schedule(s)	Used to specify the amounts and dates for each schedule. The schedule ID then is specified on the guaranteed rule, which contains the intellectual property being licensed and the flexible group/material group, dimension set, and validity dates.
Claims	Sales data for licensed items sold is entered as a claim, either manually or through upload/EDI. The claim lists the material, intellectual property (from the composition, if configured), quantity, royalty agreement, dates, and dimensions. When claim line-item dimension information changes, the system reprices the item. Dimension cross reference functionality is provided to determine the correct dimension when an invalid dimension is entered on the claim.
Tracking	Tracking shows the real-time details of the royalty payment calculations. The royalty percentage or amount comes in dynamically from the agreement.
Final Settlement	Closes the rebate agreement item and resolves all remaining accruals.
Partial Settlement	Settles individual rebates defined within an item.

8.2 Billback Scenario

Scenario

The purpose of the scenario is to provide insight into a typical Billback Process (*the term “Billback” is used synonymously with the term “Payback” in this scenario*). A Billback Process is initiated when a distributor sells the manufacturer’s product to an end customer at a price lower than the cost due to special pricing or spending programs offered by the manufacturer. The distributor and manufacturer enter into an Agreement/Contract, allowing the distributor to file a claim with the manufacturer and recover the difference between his cost price and selling price. In this scenario, the distributor deducts the claim amount while making a payment to the manufacturer. The manufacturer audits the claim and, if required, makes appropriate adjustments to the deduction.

This scenario highlights the various stages of a Billback process, from creation of a Billback Agreement, the creation of Calculation Buckets, and, finally, the Claims to perform Settlement.

DISCLAIMER: *The scenario described in the procedure steps below reflects the use of strictly example configuration.*

8.2.1 Configure Pricing Elements

8.2.1.1 Configure Condition Tables

Use t-code VOK0 → **Environment** → **Condition Table** → **Display**

8.2.1.2 Access Sequences (refer to SAP)

8.2.1.3 Configure Condition Types

Enter /NIRM/IPSPRO → Basic Functions → Pricing - Sales → Pricing Control → Define Condition Types

8.2.1.4 Maintain Additional Data for Condition Types

Basic Functions → Pricing - Sales → Pricing Agreements → Maintain Additional Data for Condition Types

8.2.1.5 Create View and Proposal Profiles

/NIRM/IPSPRO → Basic Functions → Pricing - Sales → Pricing Agreements → Setup Agreements → Agreement Rules → Define View Profiles

8.2.2 Price Sheets

/NIRM/IPSPRO → Basic Functions → Pricing - Sales → Pricing Agreements → Setup Agreements → Agreement Rules → Price Sheets → Define Prices Assignment

8.2.3 Price category

/NIRM/IPSPRO → Basic Functions → Pricing - Sales → Pricing Agreements → Setup Agreements → Agreement Rules → Price Sheets → Define Price Categories

8.2.4 Standard Sales Deal

/N/IRM/IPSPRO → Basic Functions → Pricing - Sales → Pricing Agreements → Setup Agreements → Define Agreements → Double click on the Define Sales Deal Types

8.2.5 Configure Vistex Agreement Type

Enter t-code **/N/IRM/IPSPRO → Select Basic Functions → Pricing - Sales → Pricing Agreements → Maintain IP Agreement Types – Sales**

8.2.6 Create an Agreement

8.2.6.1 Create Billback agreement

From the SAP Easy Access user menu tree

Billback → Agreements → Agreement Workbench

8.2.6.2 Create Chargeback agreement

From the SAP Easy Access user menu tree

Chargebacks → Agreements → Agreement Workbench

8.2.6.3 Create Sales Rebate Agreement

From the SAP Easy Access user menu tree

Sale Rebates → Agreements → Agreement Workbench

8.2.6.4 Create Sales Incentive Agreement

From the SAP Easy Access user menu tree

Sales Incentives → Agreements and Settlement → Agreement Workbench

8.3 Configure SAP Status Profile (or refer to SAP)

Enter t-code **/N/IRM/IPSPRO → Select Basic Functions → Define and Assign Status Profile**

8.4 Configure Vistex Status Flow

Select Billbacks → Extras → Status Flow → Status Flow

8.5 Configure Vistex Status Profile

/N/IRM/GSPM → select Billbacks → Extras → Status Flow → Status Profile

8.6 Configure Chargeback Partner Reconciliation

From the user menu tree **Chargebacks** → **Reconciliation** → **Chargeback Reconciliation**

From the user menu tree **Chargebacks** → **Reconciliation** → **Partner Communication Workbench**

Additional Configuration Steps based on your business requirements:

8.6.1 Configure Agreement Request

8.6.1.1 Configure Agreement Type

/N/IRM/IPSPRO > Basic Functions → **Pricing - Sales** → **Pricing Agreements** → **Setup Agreements** → **Agreement Request** → **Define Agreement Request Types**

8.6.1.2 Assign Agreement Request Type (depend on your business function)

Basic Functions → **Pricing - Sales** → **Pricing Agreements** → **Maintain IP Agreement Types – Sales**

EXAMPLE

Double click on the **Maintain Agreement Types for Billbacks / 1** activity.

8.6.2 Claim Configuration

8.6.2.1 Create Claim Pricing Procedure

Basic Functions → **Pricing - Sales** → **Pricing Control** → **Define and Assign Pricing Procedures**

8.6.2.2 Configure or Review Claim Options and Configure Completion Profile

/N/IRM/IPSPRO → Review Posting Blocks by selecting → **Documents** → **Claims** → **Define Posting Blocks**

8.6.2.3 Adjustment Codes

Configure or Review Adjustment Codes: **Documents** → **Claims** → **Define Adjustment Codes**

8.6.3 Configure Claim Type, Control Area and Checks

/N/IRM/IPSPRO → Define Claim Type by selecting → **Documents** → **Claims** → **Define Claim Types**

8.6.3.1 Define Claim Type

Documents > Claims > Define Claim Types

8.6.4 Create Claim Template

/N/IRM/GCRFTM > Billbacks > File Upload / Download > File Templates > File Template for Claims

(Based on the business function)

8.6.5 Configure IP Document for Expected Accrual

8.6.5.1 Configure Expected Accrual Pricing Procedure

/N/IRM/IPSPRO/ > Basic Functions > Pricing - Sales > Pricing Control → Define and Assign Pricing Procedures

Double click on the *Maintain Pricing Procedures*

8.6.5.2 Configure IP Type for Expected Accrual

Define the IP Type by selecting Documents → Define IP Types

8.6.6 Configure IP Header Criteria

/N/IRM/IPSPRO/ > Documents > Define Header Criteria - Sales Documents

8.6.6.1 Configure and Activate IP Item Criteria

Documents → Define Item Criteria - Sales Documents

8.6.6.2 Create an Expected Accrual Document

/IRM/IPBB_ANALYST - Billbacks Administrator > Billback Workbench

8.6.6.3 Post Claim Create and Settle Billback Document

/IRM/IPBB_ANALYST - Billbacks Administrator > Claim Workbench

Additional Configuration might be required

8.6.7 Partner Functions

8.6.7.1 Create a new Partner Function:

/IRM/IPSPRO > Basic Functions > Partner Determination > Partner Determination (Version 2.0) > Maintain Partner Determination Procedure

8.6.7.2 Create a new Partner Determination procedure:

/IRM/IPSPRO > Basic Functions > Partner Determination > Partner Determination (Version 2.0) > Maintain Partner Determination Procedure.

8.6.8 Create Schedule Item Types

Schedule Item types are used for periodic and specific date schedules. For each item type, assign an alphanumeric identifier and a description. In the schedule type configuration, assign item types to the schedule type.

8.6.8.1 Create a new Schedule Item Type:

/IRM/IPSPRO > Basic Functions > Pricing - Sales > Pricing Agreements > Define Schedule Item Types from the IMG structure

8.7 Create Settlement Billing type for Reversal

To create an accrual billing type, user must create settlement document types, it is defined to classify different settlement processes in Settlement Management. The settlement document type determines how the system processes a document in Settlement Management.

8.7.1 To create Billing Type:

SPRO > SAP Customizing Implementation Guide > Logistics - General > Settlement Management > Settlement documents > Settlement document types > All Document types

8.7.2 To maintain copy control for condition contract billing type:

SPRO > SAP Customizing Implementation Guide > Logistics – General > Settlement Management > Basic Settings > Specify Copy Control

8.8 Create Settlement Processing type

8.8.1 To create Billing Type:

SPRO > SAP Customizing Implementation Guide > Logistics - General > Settlement Management > Settlement Process > Define Settlement Process types

8.9 Post the Advance Claim

Note

May require custom configuration

8.10 Post Accrual

Note

May require custom configuration

8.11 Post Settlement

Note

May require custom configuration

8.12 Configure Fiori

- 8.12.1 Create UI Profile
- 8.12.2 Create Search Profile
- 8.12.3 Create Workspace
- 8.12.4 Create User Role

8.13 New in the release: Preview Output at item level

- 8.13.1 Create output

IPSPRO -> Basic functions ->Output

8.14 New in the release: Period Schedule overlapping dates

- 8.14.1 Creating overlapping dates

IPSPRO-Basic functions- Pricing - Sales- Pricing Agreements- Define Schedule Types – Select periodic schedule type

8.15 New in the release: Auto-propose single schedule line

No specific config is required for this. For Periodic schedule type automatically schedule items will be proposed.

8.16 New in the release: Notes integration in rules

No specific config is required for this. Assignment of Rule section as parent to Notes section.

8.17 New in the release: Date format based on user settings

User time zone should be set in attributes section.

9 Configuring SAP Incentive Administration by Vistex

Scenario

This scenario illustrates the customer rebate pay out based on sales volume. The Billing document data created for the customer is updated into the Calculation bucket. The Calculation run captures the calculation bucket data and calculates rebate payout according to the conditions maintained in the agreement. This calculation run holds the eligible Accrual and Settlement amounts which will be posted to condition contract billing.

DISCLAIMER: *The scenario described in the procedure steps below reflects the use of strictly example configuration.*

9.1 Configure Sales Agreement Type

- 9.1.1 Configure Pricing Elements (refer to chapter 8)
- 9.1.2 Maintain Condition Table (refer to chapter 8)
- 9.1.3 Define Access Sequences (refer to SAP)
- 9.1.4 Maintain Condition Types (refer to chapter 8)
- 9.1.5 Maintain Condition Type Group (refer to chapter 8)
- 9.1.6 Assign Condition Type to Condition Type Group (refer to chapter 8)
- 9.1.7 Maintain Number Range (refer to chapter 8)
- 9.1.8 Create Condition Contract Type (refer to chapter 8)
- 9.1.9 Define number Ranges for Agreement (refer to chapter 8)
- 9.1.10 Create Agreement Type (refer to chapter 8)

9.2 Configure Proposal Profile

Basic Functions → **Pricing - Sales** → **Pricing Agreements** → **Setup Agreements** → **Agreement Rules** → **Define Proposal Profiles**

- 9.2.1 Configure Price Sheets (refer above chapter 8)

9.3 Configure Standard SAP Sales Deal

Basic Functions → **Pricing - Sales** → **Pricing Agreements** → **Setup Agreements** → **Define Agreements**

9.4 Configure Vistex Agreement Options

Basic Functions → **Pricing - Sales** → **Pricing Agreements** → **Define Objectives and Tactics**

9.5 Configure Termination Reasons

Basic Functions → *Pricing - Sales* → *Pricing Agreements* → *Define Termination Reasons*

9.6 Assign Condition Type Group to SAP Sales Deal

/N/IRM/IPSPRO → *Basic Functions* → *Pricing - Sales* → *Pricing Agreements* → *Setup Agreements* → *Condition Type Groups* → *Assign Condition Groups/Agreements*

9.7 Configure Vistex Agreement Type

Refer to chapter 8

9.8 Configure Vistex Status Profile

Refer to chapter 8

9.9 Assign Agreement Request Type

Refer to chapter 8

9.10 Configure a Transaction Register

/N/IRM/IPSPRO > *Documents* → *Transaction Register* → *Define Sales Transaction Types*

9.11 Configure IP Documents

/IRM/IPSPRO > *Basic Functions* → *Pricing - Sales* → *Pricing Control* → *Define and Assign Pricing Procedures*

Double click on *Maintain Pricing Procedures a*

9.12 Define the IP Document Type

/N/IRM/IPSPRO > *Documents* → *Define IP Types*

9.13 Define the Header Criteria

/N/IRM/IPSPRO > *Documents* → *Define Header Criteria - Sales Documents*

9.14 Define and Activate Item Criteria

/N/IRM/IPSPRO > Documents → Define Item Criteria - Sales Documents

9.15 Configure Accounting Elements

9.15.1 Accrual Profile

/N/IRM/IPSPRO > Accrual and Settlement → Define Accrual Profiles

9.16 Settlement Profile

9.16.1 Define Profile

/N/IRM/IPSPRO > Accrual and Settlement → Define Settlement Profiles

9.16.2 Assign the Accrual and Settlement Profiles to the IP Header

/N/IRM/IPSPRO > Documents → Define Header Criteria - Sales Documents

9.17 Create a Sales Rebate Document

9.17.1 Select from the SAP Easy Access roles menu

/IRM/IPCR_ANALYST-Sales Rebates Analyst > Sales Rebate Workbench

9.18 Configure Deployment Code

9.18.1 Calculation Run Type

Calculation Runs can be saved to a pre-configured Calculation Type. The Calculation run type specifies whether the Calculation Run is relevant for accrual, interim settlement, or settlement and if a status profile for approvals will be used.

Go to the below mentioned path to create a Calculation Run Type:

/IRM/IPSPRO > Composite IP > Define Calculation Run Types (Composite)

9.18.2 Define Number Ranges for Billing Doc type (refer to SAP)

9.18.3 Create Condition Type, Account Key, Pricing procedure and Maintain Dr/Cr entries for G/L account (refer to SAP)

9.18.4 Create Accrual Billing type (refer to SAP)

9.18.5 Create Accrual Profile

The accrual profile determines settings used during the FI accrual document creation. Define an accrual profile and assign it to the source document - IP type combination in the Header criteria Table for Sales or Purchasing. An accrual profile is only entered for Transactional IP processing, not Composite IP processing.

Go to the below mentioned path to create Accrual Profile:

IPSPRO > Accrual and Settlement > Define Accrual Profiles

- 9.18.6 Create Condition Type, Account Key, Pricing procedure and Maintain Dr/Cr entries for G/L account (refer to SAP)
- 9.18.7 Create Settlement Billing type (refer to SAP)
- 9.18.8 Create Settlement Profile

The settlement profile determines the path that the settlement will take in the FI module - through A/P or A/R. If the settlement path will be HR, then a settlement profile is not created. Define a Settlement profile and assign it to the source document - IP type combination in the Header criteria Table for Sales or Purchasing. A settlement profile is only entered for Transactional IP processing, not Composite IP processing.

Go to the below mentioned path to create Settlement Profile:

/IPSPRO > Accrual and Settlement > Define Settlement Profiles

- 9.18.9 Define Participation Number Range

Maintain number ranges for Participation in the below configuration path:

/IRM/IPSPRO > Global Settings > Define Number Ranges for Participation

- 9.18.10 Define Calculation run Number Range

Indicates the calculation number range assigned to the deployment code.

Maintain number ranges for Calculation run in the below configuration path:

/IRM/IPSPRO > Global Settings > Define Number Ranges for Calculation Run

- 9.18.11 Create Period Profile

Global posting periods can be defined and maintained in the Period profile Workbench (/IRM/GFPM)

- 9.18.12 Define IP Versions and Version Usage

Create a new Version Usage by selecting

/IRM/IPSPRO > Incentive and Payback Module > Composite IP > Define Version Usage

- 9.18.13 Define PTD Structure for Component

Deployment Codes and Components are user-defined and offer unlimited possibilities around how you can structure and deploy Composite IP Incentive Plans. Components can be re-used across Deployment codes. Deployment Components are assigned to a Deployment Code (Incentive Plan).

Go to the Transaction code SE11 and create the characteristics structure

- 9.18.14 Define Structures for Sub Component

Deployment Codes and Components are user-defined and offer unlimited possibilities around how you can structure and deploy Composite IP Incentive Plans. Components can be re-used across Deployment codes. Deployment Components are assigned to a Deployment Code (Incentive Plan).

Go to the Transaction code SE11 and create the characteristics structure

- 9.18.15 Assign the created structures to the Grand structure

Go to the Transaction code SE11

9.18.16 Define Component

A component, in turn, is a collection of the key figures that are being tracked for the Incentive Plan. The actual key figures can be compared against the targets to determine the level of performance achieved.

Create a new Component by selecting

/IRM/IPSPRO > Composite IP >Deployment Codes and Components > Define Deployment Components

9.18.17 Define Subcomponent

If user track by a component, user can use a subcomponent to break down component tracking by a specific characteristic, such as material group and territory. Each component may be assigned only one subcomponent. Individual subcomponents can be re-used across multiple components.

For each subcomponent, user must specify its characteristic and key figures structures. Individual totals from the key figures are added to provide the total for the key figure of the component.

Create a new Subcomponent by selecting

/IRM/IPSPRO > Composite IP >Deployment Codes and Components > Define Deployment Subcomponents

9.18.18 Define Deployment Code Group

In this activity, user define the various Deployment Groups for the company. A Deployment Group is a logical grouping of deployment codes (plans). Grouping can be done for various plans and it depends on the company's structure and needs.

Create a new Deployment Code Group by selecting

/IRM/IPSPRO > Composite IP >Deployment Codes and Components > Define Deployment Code Groups

9.18.19 Define Deployment Code

Deployment Codes are used to identify the various incentive programs, or plans, in effect for an organization. Deployment codes influence qualifying participants, participation period, target and actual key figures, quotas, and payment schedules. Deployment codes may be cumulative or for a single period only.

Create a new Deployment Code by selecting

/IRM/IPSPRO > Composite IP >Deployment Codes and Components > Define Deployment Codes

9.18.20 Define Source Key Figure IDs

Source Key Figure IDs are defined as the first step of Mapping.

Create a new Source Key Figure ID by selecting

/IRM/IPSPRO > Composite IP >Deployment Codes and Components > Mapping > Define Mapping Key Figure IDs > Define Source Key Figure IDs

9.18.21 Define Deployment Code to Source Data Mapping

After all source and tracking key figures are defined, then user need to link the data together in order to successfully populate the fields in tracking screen.

Maintain the Deployment Code to Source Data Mapping by selecting

/IRM/IPSPRO > Composite IP >Deployment Codes and Components > Mapping > Maintain Deployment Code to Source Data Mapping

9.18.22 Define Deployment Code Formulas (custom)

Maintain formulas in the below configuration path:

/IRM/IPSPRO > Composite IP >Deployment Codes and Components > Define Deployment Code Formulas and Ranking

9.19 New in the release: Preview Output at item level

9.19.1 Create output

IPSPRO -> Basic functions ->Output

9.20 New in the release: Period Schedule overlapping dates

9.20.1 Creating overlapping dates

IPSPRO-Basic functions- Pricing - Sales- Pricing Agreements- Define Schedule Types – Select periodic schedule type

9.21 New in the release: Auto-propose single schedule line

No specific config is required for this. For Periodic schedule type automatically schedule items will be proposed.

9.22 New in the release: Notes integration in rules

No specific config is required for this. Assignment of Rule section as parent to Notes section.

9.23 New in the release: Date format based on user settings

User time zone should be set in attributes section.

9.24 Configure Fiori

Refer to above

10 Configuring SAP Data Maintenance for ERP by Vistex—Pricing

Scenario

The Data Maintenance Pricing (DMP) allows condition records to be created, changed, and displayed to optimize the entry and maintenance for pricing records related to the business processes. The Price Proposal provides users a means to review changes prior to being posted in Fiori. In this use case, the pricing records will be changed and created, before the records are saved as a Price Proposal. Then, the Price Proposal will be posted from the new DMP Price Proposal Fiori interface.

DISCLAIMER: *The scenario described in the procedure steps below reflects the use of strictly example configuration.*

10.1 To navigate to Data Maintenance Pricing IMG

/N/IRM/GPRSPRO

10.2 Pricing

10.2.1 Navigate to either Pricing Role or GPRSPRO

/IRM/GPRICING_ANALYST - Pricing Analyst

10.2.2 Price Record Number Range

Go to **/N/IRM/GPRSPRO** → **Global Settings** → **Define Number Ranges for Price Records**

10.2.3 Price Proposal Number Range

Go to **/N/IRM/GPRSPRO** → **Global Settings** → **Define Number Ranges for Price Proposals**

10.2.4 Price Sheet

Go to **/N/IRM/GPRSPRO** → **General Maintenance** → **Price Sheets** → **Define Price Sheets**

10.2.5 Price Proposal Type

Go to **/N/IRM/GPRSPRO** → **Documents** → **Price Proposal** → **Define Price Proposal Types**

10.3 Configure Deal Type

10.3.1 Configure Pricing Elements (pricing sheets) (refer above)

10.3.2 Configure Condition Tables (refer above)

10.3.3 Review Access Sequences (refer above)

10.3.4 Define Condition Types (refer above)

/N/IRM/IPSPRO>**Basic Functions** → **Pricing - Sales** → **Pricing Control** → **Define Condition Types**

10.3.5 Create Additional Price Fields (refer above)

10.3.6 Define Price Sheets (refer above)

10.3.7 Maintain Additional Data for Condition Types

/N/IRM/IPSPRO >Basic Functions → Pricing - Sales → Pricing Agreements → Maintain Additional Data for Condition Types

10.4 Define Sales Deal

/N/IRM/GPRSPRO >Deals → Setup Deals → Define Deals> Define Sales Deal Types

10.5 Configure Options for Vistex Deal

/N/IRM/GPRSPRO > Define Objectives and Tactics by selecting Deals → Define Objectives and Tactics

10.6 Configure Status Profile

Basic Functions → Define Status Profile

10.7 Define Vistex Deal Type

/N/IRM/GPRSPRO > Deals → Maintain Deal Types

10.8 Configure Deal Request

10.8.1 Define Deal Request Types

Deals → Setup Deals → Define Deal Request Types

10.9 Configure a Flexible Group

10.9.1 Define Flexible Group Types

/N/IRM/GPRSPRO > Select Basic Functions → Flexible Groups

10.9.2 Create Sales Orders

Refer to SAP

Additional configuration may be required.

10.10 New in the release: Notes integration in rules

10.10.1 Assignment of Rule section as parent to Notes section

10.11 New in the release: Date format based on user settings

User time zone should be set in 'Attributes' section

10.12 New in the release: Sets New Widget – a UI usability improvement

IPSPRO ->Basic functions -> Pricing -> Sales- Pricing Agreements -> Maintain IP Agreement Types -> Sales -> Setup Agreements -> Agreement Rules -> Define Sets and Dimensions

10.13 New in the release: Added where-used list in global sets

10.13.1 Define Sets

IPSPRO ->Basic functions -> Pricing -> Sales -> Pricing Agreements -> Maintain IP Agreement Types -> Sales -> Setup Agreements -> Agreement Rules -> Define Sets and Dimensions

10.14 New in the release: Remove local Sets/Local Flexible group

IPSPRO -> Basic functions -> Pricing ->Sales- Pricing Agreements -> Maintain IP Agreement Types -> Sales -> Setup Agreements -> Agreement Rules -> Define Sets and Dimensions

11 Configuring SAP Data Maintenance for ERP by Vistex—Resources

Scenario

Accurate maintenance Master Data is vital to running a successful business. The Vistex Data Maintenance Resources solution is a single source to maintain Customer, Vendor and Material Master Data as well as Info Records.

DISCLAIMER: *The scenario described in the procedure steps below reflects the use of strictly example configuration.*

11.1 Navigate to Data Maintenance resources IMG

/N/IRM/EPSPRO

11.2 To configure a material

11.2.1 Maintain Material Levels

Data Maintenance (Resources) → Materials → Review Maintained Levels

11.2.2 Maintain Material Category

Data Maintenance (Resources) → Materials-> Maintain Material Category

11.2.3 Maintenance Level Profiles

Data Maintenance (Resources) →Materials→ Define Maintenance Level Profiles

11.2.4 Maintain Material Source.

Data Maintenance (Resources) >Materials > Material Workbench > Maintain Material Source

11.2.5 Review Posting Blocks

Data Maintenance (Resources) >Materials >Material Workbench > Maintain Posting Block

11.2.6 Create Material Attributes

DM Material > Material Attributes > Material Attribute Workbench

11.2.7 Create Material Attribute Group

DM Material > Material Attributes > Material Attribute Group Workbench

11.2.8 Create Product Type

DM Material > Data Maintenance (Resources) IMG >Materials >Material Workbench > Define Product Types

11.2.9 Create a Material

DM Materia > Material Workbench

11.2.10 Create an Attribute Rule

DM Material > Material Attributes >Material Attribute Rule Workbench

11.2.11 Create an Attribute Set

DM Material > Material Attributes > Material Attribute Set Workbench

11.2.12 Create the List Type

DM Material > Data Maintenance (Resources) IMG > Materials > Material List > Define Material List Types

11.2.13 Configure Data Flow

DM Material → Material Attributes → Material Attribute Set Workbench

11.2.14 Create a Data Flow

/N/IRM/EPPDDFM or DM Material → Extras → Material Data Flow

11.3 Navigate to Customer Workbench

/N/IRM/EPKUM or select DM Customer → Customer Workbench

11.3.1 Create Customer Attributes

/N/IRM/EPKUM or select DM Customer → Customer Workbench

11.3.2 Maintenance of Customer Communication fields via Dashboard

T- code ***/IRM/EPKU10***

11.3.3 Set up Maintenance Levels

Data Maintenance (Resources) > Customer > Review Maintained Levels

11.3.4 Set up Customer Category

Data Maintenance (Resources) > Customer > Maintain Customer Categories

11.3.5 Set up Profiles

Data Maintenance (Resources) > Customer > Define Maintenance Views

i Note

To configure the rest of the steps, R\refer to Material configuration steps.

11.4 Navigate to Vendor Workbench

/N/IRM/EPLIM or select DM Vendor → Vendor Workbench

i Note

Repeat all above steps to configure vendor.

12 Security Information

This section deals with security topics relevant for following SAP Solution Extensions by Vistex for SAP ERP 6.2:

- SAP® Incentive Administration by Vistex
- SAP® Paybacks and Chargebacks by Vistex
- SAP® Data Maintenance for ERP by Vistex—Pricing
- SAP® Data Maintenance for ERP by Vistex—Resources

Since SAP solution extensions by Vistex are an embedded SAP Add-ons, standard SAP security authorizations are utilized. This includes communication security, user management and authentication concept, logging configuration for security relevant events. Security can be done at a transaction level as well as a field level. Please refer to SAP security guides found on the [SAP Help Portal](#).

12.1 Other Required Documents for Security for SAP Incentive Administration or Paybacks and Chargebacks by Vistex

SAP Incentive Administration by Vistex and SAP Paybacks and Chargebacks by Vistex are based on SAP ECC ERP, NetWeaver 7.5. This means that the corresponding security guides for SAP NetWeaver also apply.

12.2 User Management

This section provides an overview of how you manage and authenticate users in following SAP solution extensions by Vistex:

- SAP® Incentive Administration by Vistex
- SAP® Paybacks and Chargebacks by Vistex
- SAP® Data Maintenance for ERP by Vistex—Pricing
- SAP® Data Maintenance for ERP by Vistex—Resources

SAP solution extensions by Vistex use the user management and authentication mechanisms provided by SAP for NetWeaver 7.5 and support packages. SAP solution extensions by Vistex use the standard functionality of SAP NetWeaver for user management, such as creating users with transaction SU01 and creating and using roles with transaction PFCG. For more information on user management, see SAP Help Portal at <http://help.sap.com/nw75> Security Guide User Administration and Authentication User Management. The security recommendations and guidelines for user administration and authentication are described in chapter 4 of the SAP Operations Guide found at [SAP Help Portal](#).

12.3 User Administration Tools

SAP solution extensions by Vistex are embedded solutions and utilize the standard SAP user administration tool for which documentation can be found at [SAP Help Portal](#). The User Administration Tools recommendations and guidelines for user administration and authentication are described in chapter 4 of the SAP Operations Guide found at [SAP Help Portal](#).

12.4 User Data Synchronization

SAP solution extensions by Vistex use the supports the Single Sign-On (SSO) mechanisms provided by SAP NetWeaver. Therefore, the security recommendations and guidelines for user administration and authentication as described in the SAP NetWeaver Security Guide also apply. Refer to standard SAP Operation Guide.

12.5 Authentication and Single Sign-On

This section describes how authentication and single sign-on for users are implemented in SAP solution extensions by Vistex.

SAP solution extensions by Vistex support the Single Sign-On (SSO) mechanisms provided by SAP NetWeaver. Therefore, the security recommendations and guidelines for user administration and authentication as described in the SAP NetWeaver Security Guide also apply.

12.6 Standard Roles and Authorization Concept

SAP solution extensions by Vistex are embedded SAP Add-On solutions, therefore, utilize standard SAP concepts and uses the authorization concept provided by the SAP NetWeaver AS ABAP or AS Java.

The SAP NetWeaver authorization concept is based on assigning authorizations to users based on roles. For role maintenance, use the profile generator (transaction PFCG) on the AS ABAP and the User Management Engine's user administration console on the AS Java.

12.7 ACGR Roles

ACGR roles listed below provide all of the necessary SAP solution extensions by Vistex transactions for an individual to manage the applicable master data within their system. The "Display Only" roles are read only roles, and as such do not allow create or change access to the data.

ACGR Role	Description	Module
/IRM/IPBB_ANALYST	Billbacks Administrator	PB
/IRM/IPBR_ANALYST	Business Register Analyst	PB
/IRM/IPCB_ANALYST	Chargebacks Administrator	PB
/IRM/IPCR_ANALYST	Sales Rebates Analyst	IA
/IRM/IPPR_ANALYST	Purchasing Rebates Analyst	IA
/IRM/IPSI_ANALYST	Sales Incentive Administrator	IA
/IRM/GPRICING_ANALYST	Pricing Analyst	DMp
/IRM/FD_CUSTOMER_ANALYST	Customer Analyst	DMr
/IRM/FD_MATERIAL_ANALYST	Material Analyst	DMr
/IRM/FD_VENDOR_ANALYST	Vendor Analyst	DMr

ACGR Role	Description	Module
/IRM/IPBB_DISPLAY	Billbacks Administrator	PB
/IRM/IPBR_DISPLAY	Business Register Analyst	PB
/IRM/IPCB_DISPLAY	Chargebacks Administrator	PB
/IRM/IPCR_DISPLAY	Sales Rebates Analyst	IA
/IRM/IPPR_DISPLAY	Purchasing Rebates Analyst	IA
/IRM/IPSI_DISPLAY	Sales Incentive Administrator	IA
/IRM/GPRICING_DISPLAY	Pricing Analyst	DMp
/IRM/FD_CUSTOMER_DISPLAY	Customer Analyst	DMr
/IRM/FD_MATERIAL_DISPLAY	Material Analyst	DMr
/IRM/FD_VENDOR_DISPLAY	Vendor Analyst	DMr

12.7.1 Authorization Objects for SAP Paybacks and Chargebacks by Vistex

The section lists the security-relevant authorization objects that are used by SAP Paybacks and Chargebacks by Vistex.

Additional authority objects are embedded within the Vistex transactions. SAP Paybacks and Chargebacks by Vistex role will need the related authority objects assigned with the proper values. These authority objects are listed below.

Role /IRM/IPBB_ANALYST and /IRM/IPBB_DISPLAY:

Object	Short Text
V_GB_CRTYP	Global: Claim Request Authorizations
V_GB_CRWOP	Claim Web Override Authorization Group
V_GB_FGTYP	Flexible Group Type Authorization
V_GB_NOTES	Notes based on Business Object and Note Type
V_GB_PAGRP	Pricing Record: Policy Authorization
V_GB_PLCUS	Product List Type (Customer as Primary Partner)
V_GB_PLVND	Product List Type (Vendor as Primary Partner)
V_GB_MSCUS	Membership List Submission for Trade Organization (Customer)
V_GB_MSVND	Membership List Submission for Trade Organization (Vendor)
V_GB_RCTYP	Global: Revenue/Cost Adjustment Type Authorizations
V_GB_AUTDM	Global: Automated Data Maintenance by Function and Action
V_IP_ACDOC	IP: Accounting Document Authorizations based on CCode/IPType
V_IP_AGRAG	IP: Authorization Group for IP Agreements
V_IP_APRCD	IP: Approval Code for Composite Calculations
V_IP_AUGRP	IP: Authorization Group for Composite Calculations
V_IP_BLLBK	IP: Billback Authorizations based on Sales Org/DC/IP Type
V_IP_COMIP	IP: Composite IP Authorizations based on Dep Code/Version
V_IP_SAGMT	IP: Sales Agreements Release and Delete
V_KONA_VKO	Agreement: Authorization for Sales Area/Agreement Type
V_KONH_VKO	Condition: Authorization for Sales Organizations
V_KONH_VKS	Condition: Authorization for Condition Types
V_VBAK_AAT	Sales Document: Authorization for Sales Document Types

V_VBRK_FKA	Billing: Authorization for Billing Types
V_VBRK_VKO	Billing: Authorization for Sales Organizations
V_GB_OETYP	Employee Type
V_GB_OHTYP	Organizational Object Hierarchy Type
V_GB_OUTYP	Organizational Unit Type
V_GB_OPTYP	Position Type
V_IP_MRTP	Maintenance Request Type
V_IP_PQBAG	Price Request Block Profile Authorization Group
V_IP_REPRT	Report Authorization based on category/ Subcategory
V_IP_RPAUG	Report Authorization Group
V_IP_PCWOP	Partner Communication Web Override Authorization Group
V_GB_MXREF	Material Cross Reference
V_GB_UXREF	Unit Cross Reference
V_GB_INTYP	Incident Type
V_GB_CACR	Claim Correction Run
V_GB_CNFTX	Configuration Transactions
V_GB_PXREF	Partner Cross Reference
V_GB_RCACR	Transaction Register Correction Run
V_GB_AXREF	Agreement Cross Reference

Role /IRM/IPCB_ANALYST and /IRM/IPCB_DISPLAY:

Object	Short Text
V_GB_CRTYP	Global: Claim Request Authorizations
V_GB_CRWOP	Claim Web Override Authorization Group
V_GB_FGTYP	Flexible Group Type Authorization
V_GB_NOTES	Notes based on Business Object and Note Type
V_GB_PAGRP	Pricing Record: Policy Authorization
V_GB_PLCUS	Product List Type (Customer as Primary Partner)
V_GB_PLVND	Product List Type (Vendor as Primary Partner)
V_GB_MSCUS	Membership List Submission for Trade Organization (Customer)
V_GB_MS VND	Membership List Submission for Trade Organization (Vendor)
V_GB_RCTYP	Global: Revenue/Cost Adjustment Type Authorizations
V_GB_AUTDM	Global: Automated Data Maintenance by Function and Action
V_IP_ACDOC	IP: Accounting Document Authorizations based on CCode/IPType
V_IP_AGRAG	IP: Authorization Group for IP Agreements
V_IP_APRCD	IP: Approval Code for Composite Calculations
V_IP_AUGRP	IP: Authorization Group for Composite Calculations
V_IP_CHGBK	IP: Chargeback Authorizations based on Sales Org/DC/IP Type
V_IP_COMIP	IP: Composite IP Authorizations based on Dep Code/Version
V_IP_PCTYP	IP: Partner Communications Authorizations based on PComm Type
V_IP_SAGMT	IP: Sales Agreements Release and Delete
V_KONA_VKO	Agreement: Authorization for Sales Area/Agreement Type
V_KONH_VKO	Condition: Authorization for Sales Organizations
V_KONH_VKS	Condition: Authorization for Condition Types
V_VBAK_AAT	Sales Document: Authorization for Sales Document Types
V_VBRK_FKA	Billing: Authorization for Billing Types
V_VBRK_VKO	Billing: Authorization for Sales Organizations

12.7.2 SAP Incentive Administration by Vistex

The section lists the security-relevant authorization objects that are used by SAP Incentive Administration by Vistex.

Additional authority objects are embedded within the Vistex transactions. SAP Incentive Administration by Vistex role will need the related authority objects assigned with the proper values. These authority objects are listed below.

Role /IRM/IPCR_ANALYST and /IRM/IPCR_DISPLAY:

Object	Short Text
V_GB_CRTYP	Global: Claim Request Authorizations
V_GB_CRWOP	Claim Web Override Authorization Group
V_GB_FGTYP	Flexible Group Type Authorization
V_GB_NOTES	Notes based on Business Object and Note Type
V_GB_PAGRP	Pricing Record: Policy Authorization
V_GB_PLCUS	Product List Type (Customer as Primary Partner)
V_GB_PLVND	Product List Type (Vendor as Primary Partner)
V_GB_MSCUS	Membership List Submission for Trade Organization (Customer)
V_GB_MS VND	Membership List Submission for Trade Organization (Vendor)
V_GB_RCTYP	Global: Revenue/Cost Adjustment Type Authorizations
V_GB_AUTDM	Global: Automated Data Maintenance by Function and Action
V_IP_ACDOC	IP: Accounting Document Authorizations based on CCode/IPType
V_IP_AGRAG	IP: Authorization Group for IP Agreements
V_IP_APRCD	IP: Approval Code for Composite Calculations
V_IP_AUGRP	IP: Authorization Group for Composite Calculations
V_IP_CUREB	IP: Customer Rebate Authorizations based on Sales Org/DC/IP Type
V_IP_COMIP	IP: Composite IP Authorizations based on Dep Code/Version
V_IP_SAGMT	IP: Sales Agreements Release and Delete
V_KONA_VKO	Agreement: Authorization for Sales Area/Agreement Type
V_KONH_VKO	Condition: Authorization for Sales Organizations
V_KONH_VKS	Condition: Authorization for Condition Types
V_VBAK_AAT	Sales Document: Authorization for Sales Document Types
V_VBRK_FKA	Billing: Authorization for Billing Types
V_VBRK_VKO	Billing: Authorization for Sales Organizations

Role /IRM/IPPR_ANALYST and /IRM/IPPR_DISPLAY:

Object	Short Text
V_GB_AUTDM	Global: Automated Data Maintenance by Function and Action
V_GB_CRWOP	Claim Web Override Authorization Group
V_GB_FGTYP	Flexible Group Type Authorization
V_GB_NOTES	Notes based on Business Object and Note Type
V_GB_PAGRP	Pricing Record: Policy Authorization
V_GB_PLCUS	Product List Type (Customer as Primary Partner)
V_GB_PLVND	Product List Type (Vendor as Primary Partner)
V_GB_RCPTY	Global: Transaction Register Type - Purchasing
V_GB_PBPTY	Global: Price Book Type - Purchasing
V_IP_ACDOC	IP: Accounting Document Authorizations based on CCode/IPType

V_IP_AGRAG	IP: Authorization Group for IP Agreements
V_IP_APRCD	IP: Approval Code for Composite Calculations
V_IP_AUGRP	IP: Authorization Group for Composite Calculations
V_IP_COMIP	IP: Composite IP Authorizations based on Dep Code/Version
V_IP_PUREB	IP: Purchasing Rebate Authorizations based on Sales Org/DC/IP Type
V_KONH_VKO	Condition: Authorization for Sales Organizations
V_KONH_VKS	Condition: Authorization for Condition Types
M_KONA_ORG	Arr. Type, Purch. Org., Purch. Group in Rebate Arrangement

Role /IRM/IPSI_ANALYST and /IRM/IPSI_DISPLAY:

Object	Short Text
V_GB_CRTYP	Global: Claim Request Authorizations
V_GB_CRWOP	Claim Web Override Authorization Group
V_GB_FGTYP	Flexible Group Type Authorization
V_GB_NOTES	Notes based on Business Object and Note Type
V_GB_PAGRP	Pricing Record: Policy Authorization
V_GB_PLCUS	Product List Type (Customer as Primary Partner)
V_GB_PLVND	Product List Type (Vendor as Primary Partner)
V_GB_MSCUS	Membership List Submission for Trade Organization (Customer)
V_GB_MSVND	Membership List Submission for Trade Organization (Vendor)
V_GB_RCTYP	Global: Revenue/Cost Adjustment Type Authorizations
V_GB_AUTDM	Global: Automated Data Maintenance by Function and Action
V_IP_ACDOC	IP: Accounting Document Authorizations based on CCode/IPType
V_IP_AGRAG	IP: Authorization Group for IP Agreements
V_IP_APRCD	IP: Approval Code for Composite Calculations
V_IP_AUGRP	IP: Authorization Group for Composite Calculations
V_IP_SINCT	IP: Sales Incentive Authorizations based on Sales Org/DC/IP Type
V_IP_COMIP	IP: Composite IP Authorizations based on Dep Code/Version
V_IP_SAGMT	IP: Sales Agreements Release and Delete
V_KONA_VKO	Agreement: Authorization for Sales Area/Agreement Type
V_KONH_VKO	Condition: Authorization for Sales Organizations
V_KONH_VKS	Condition: Authorization for Condition Types
V_VBAK_AAT	Sales Document: Authorization for Sales Document Types
V_VBRK_FKA	Billing: Authorization for Billing Types
V_VBRK_VKO	Billing: Authorization for Sales Organizations

12.7.3 SAP Data Maintenance for ERP by Vistex -Pricing and SAP Data Maintenance for ERP by Vistex - Recourses

The section lists the security-relevant authorization objects that are used by SAP Data Maintenance by Vistex for SAP S/4HANA.

Since SAP Data Maintenance by Vistex is an embedded SAP Add-on, standard SAP security authorizations are utilized. This includes communication security, user management and authentication concept, logging configuration for security relevant

events. Security can be done at a transaction level as well as a field level. Please refer to the security guides found on the [SAP Help Portal](#). The following roles are delivered:

Object	Short Text
V_EP_SICHT	Authority Check by Class Type and Organizational Area
V_EP_BPTYP	Authorization for Business Partner Type
V_EP_KUHIE	Authorization for Customer Hierarchy Assignment
V_EP_PDKUI	Authorization for Customer Info Record
V_EP_KULML	Authorization for Customer List Maintenance Level
V_EP_KULTY	Authorization for Customer List Type
V_EP_KUMLV	Authorization for Customer Maintenance
V_EP_KUTOI	Authorization for Customer Trade Record
V_EP_KUTYP	Authorization for Customer Type
V_EP_JAGRP	Journal Authorization Group assigned to Collection IDs
V_EP_LIHIE	Authorization for Vendor Hierarchy Assignment
V_EP_PDLII	Authorization for Vendor Info Record
V_EP_LILML	Authorization for Vendor List Maintenance Level
V_EP_LILTY	Authorization for Vendor List Type
V_EP_LIMLV	Authorization for Vendor Maintenance Level
V_EP_LITOI	Authorization for Vendor Trade Record
V_EP_LITYP	Authorization for Vendor Type
V_EP_PDLML	Authorization for Material List Maintenance Level
V_EP_PDLTY	Authorization for Material List Type
V_EP_PDMLV	Authorization for Material Maintenance Level
V_EP_PDTYP	Authorization for Product Type
V_EP_STTYP	Authorization for Structure Type
V_EP_PDTOI	Authorization for Trade Info Record

These roles provide the necessary SAP Data Maintenance by Vistex transactions for an individual to manage the applicable master data within their system. (i.e., The Customer Analyst role makes available all of the appropriate customer creates, change, and follow-on functions that revolve around the customer master.) Read only roles are also provided. These roles allow a user to have safe remote access to the SAP GUI. All roles that end in "DISPLAY" will provide this functionality.

Additional authority objects are embedded within the Vistex transactions. Each role will need the related authority objects assigned with the proper values. These authority objects are listed below by role.

Roles /IRM/FD_CUSTOMER_ANALYST and /IRM/FD_CUSTOMER_DISPLAY:

Object	Short Text
V_EP_SICHT	Authority Check by Class Type and Organizational Area
V_EP_BPTYP	Authorization for Business Partner Type
V_EP_KUHIE	Authorization for Customer Hierarchy Assignment
V_EP_PDKUI	Authorization for Customer Info Record
V_EP_KULML	Authorization for Customer List Maintenance Level
V_EP_KULTY	Authorization for Customer List Type
V_EP_KUMLV	Authorization for Customer Maintenance

V_EP_KUTOI	Authorization for Customer Trade Record
V_EP_KUTYP	Authorization for Customer Type
V_EP_KUD	Authorization for Customer Domains
V_EP_KUDF	Customer Data Flow Authorization Group
V_EP_JAGRP	Journal Authorization Group assigned to Collection IDs
V_EP_BPTYP	Authorization for Business Partner Type
V_EP_KUFPA	Customer Facet Profile Authorization Group
V_EP_KUFVA	Customer Facet View Authorization Group
V_EP_KUFA	Customer Facet Authorization Group
V_EP_KUDOA	Authorization for Organization Area Per Customer Domain
V_EP_KUD	Authorization for Customer Domains
V_EP_KUDF	Customer Data Flow Authorization Group
V_EP_ATSET	Attribute Set Authorization Group
V_EP_BPTYP	Authorization for Business Partner Type
V_EP_INT	Index Table Authorization Group
V_EP_INTP	Index Table Profile Authorization Group

Roles /IRM/FD_VENDOR_ANALYST and /IRM/FD_VENDOR_DISPLAY:

Object	Short Text
V_EP_SICHT	Authority Check by Class Type and Organizational Area
V_EP_BPTYP	Authorization for Business Partner Type
V_EP_LIHIE	Authorization for Vendor Hierarchy Assignment
V_EP_PDLII	Authorization for Vendor Info Record
V_EP_LILML	Authorization for Vendor List Maintenance Level
V_EP_LILTY	Authorization for Vendor List Type
V_EP_LIMLV	Authorization for Vendor Maintenance Level
V_EP_LITOI	Authorization for Vendor Trade Record
V_EP_LITYP	Authorization for Vendor Type
V_EP_JAGRP	Journal Authorization Group assigned to Collection IDs
V_EP_LIOAR	Authorization for Organization Area Per Vendor Type
V_EP_LIPAR	Authorization for Process Area Per Vendor Type

Roles /IRM/FD_MATERIAL_ANALYST and /IRM/FD_MATERIAL_DISPLAY:

Object	Short Text
V_EP_SICHT	Authority Check by Class Type and Organizational Area
V_EP_BPTYP	Authorization for Business Partner Type
V_EP_PDLML	Authorization for Material List Maintenance Level
V_EP_PDLTY	Authorization for Material List Type
V_EP_PDMLV	Authorization for Material Maintenance Level
V_EP_PDTYP	Authorization for Product Type

V_EP_STTYP	Authorization for Structure Type
V_EP_PDTOI	Authorization for Trade Info Record
V_EP_JAGRP	Journal Authorization Group assigned to Collection IDs
V_EP_PDDF	Material Data Flow Authorization Group
V_EP_PDDML	Authorization for Material Domain Maintenance Level
V_EP_PDFPA	Material Facet Profile Authorization Group
V_EP_PDFVA	Material Facet View Authorization Group
V_EP_PDLML	Authorization for Material Domain Maintenance Level
V_EP_PDDOA	Authorization for Organization Area Per Material Domain
V_EP_PDFPA	Material Facet Profile Authorization Group
V_EP_PDFVA	Material Facet View Authorization Group
V_EP_MTART	Authorization for Material Types
V_EP_PDAGP	Material Authorization Group
V_EP_PDDF	Material Data Flow Authorization Group

12.7.4 Critical Combinations

This section describes any critical combinations of roles and authorizations in SAP solution extensions by Vistex.

There are no known critical combinations.

12.8 Network and Communication Security

12.8.1 Network topology and communication protocols

This section provides an overview of the network topology and communication protocols used by SAP solution extensions by Vistex.

SAP solution extensions by Vistex are an embedded SAP Add-Ons for SAP S/4HANA. The network topology for SAP solution extensions by Vistex is based on the topology used by SAP NetWeaver 7.5. The security guidelines and recommendations described in the security guide for SAP NetWeaver 7.5 also apply to SAP solution extensions by Vistex.

12.8.2 Internet Communication Framework (ICF) Security

This section describes how SAP solution extensions by Vistex use Internet Communication Framework (ICF) services.

Only activate those services that are needed for the applications running in your system. The following services are needed for SAP solution extensions by Vistex:

Purpose	Hierarchy Type	Node(s)	Path
Communication Node	SERVICE	/VUI/APP	/default_host/sap/vui
Utility Nodes	SERVICE	/VUI/GLNPM, /VUI/GATDNL, /VUI/GUTILS	/default_host/sap/bc/bsp/vui, /default_host/sap/bc/ui5_ui5/vui
Application Nodes	SERVICE	/VUI/IPAGM, /VUI/GCRM, /VUI/IPARM, /VUI/IPCIM, /VUI/IPMXM, /VUI/IPMXPM. /VUI/IPCIM, /VUI/IPCITM and /VUI/IPPQM Activate other nodes as needed during implementation of Vistex functions according to project requirements.	/default_host/sap/bc/bsp/vui, /default_host/sap/bc/ui5_ui5/vui
DMr specific	SERVICE	/VUI/EPKULM, /VUI/EPLILM, and /VUI/ EPPDLM.	

Use the transaction `SICF` to activate these services.

If your firewall(s) use URL filtering, also note the URLs used for the services and adjust your firewall settings accordingly.

For more information, see the available user assistance for SAP NetWeaver. To find the relevant documents, go to SAP Help Portal at [SAP NetWeaver - SAP Help Portal](#) and open the product page for your SAP NetWeaver release. Search for *activating and deactivating ICF services and ICF security*.

Use the transaction `SICF` to activate these services.

If your firewall(s) use URL filtering, also note the URLs used for the services and adjust your firewall settings accordingly.

For more information, see the available user assistance for SAP NetWeaver. To find the relevant documents, go to SAP Help Portal at [SAP NetWeaver - SAP Help Portal](#) and open the product page for your SAP NetWeaver release. Search for *activating and deactivating ICF services and ICF security*.

12.9 Data Protection and Privacy

This section provides information about how SAP solution extensions by Vistex comply with data protection requirements.

Data protection is associated with numerous legal requirements and privacy concerns. In addition to compliance with general data privacy regulation, it is necessary to consider compliance with industry-specific legislation in different countries. SAP provides specific features and functions to support compliance with regards to relevant legal requirements, including data protection. SAP does not give any advice on whether these features and functions are the best method to support company, industry, regional, or country-specific requirements. Furthermore, this information does not give any advice or recommendation in regard to additional features that would be required in particular IT environments; decisions related to data protection must be made on a case-by-case basis, under consideration of the given system landscape and the applicable legal requirements.

Note

In most cases, compliance with applicable data protection and privacy laws will not be covered by a product feature. SAP software supports data protection compliance by providing security features and specific data protection-relevant functions, such as simplified blocking and deletion of personal data. SAP does not provide legal advice in any form. Definitions and other terms used in this document are not taken from any given legal source.



Caution

The extent to which data protection is supported by technical means depends on secure system operation. Network security, security note implementation, adequate logging of system changes, and appropriate usage of the system are the basic technical requirements for compliance with data privacy legislation and other legislation.

You also need to make sure that no personal data enters the system in an uncontrolled or non-purpose related way, for example, in free-text fields, or customer extensions.

12.9.1 Glossary for Data Protection and Privacy

The following terms are relevant in the context of data protection and privacy.

Term	Definition
Blocking	A method of restricting access to data for which the primary business purpose has ended.
Consent	The action of the data subject confirming that the usage of his or her personal data shall be allowed for a given purpose. A consent functionality allows the storage of a consent record in relation to a specific purpose and shows if a data subject has granted, withdrawn, or denied consent.
Data subject	An identified or identifiable natural person. An identifiable natural person is one who can be identified, directly or indirectly, in particular by reference to an identifier such as a name, an identification number, location data, an online identifier or to one or more factors specific to the physical, physiological, genetic, mental, economic, cultural, or social identity of that natural person.
Deletion	Deletion of personal data so that the data is no longer available.
End of business	Date on which the business with a data subject ends, for example, the order is completed, the subscription is canceled, or the last bill is settled.
End of purpose (EoP)	End of purpose and start of blocking period. The point in time when the primary processing purpose ends, for example, a contract is fulfilled.
End of purpose (EoP) check	A method of identifying the point in time for a data set when the processing of personal data is no longer required for the primary business purpose. After the EoP has been reached, the data is blocked and can only be accessed by users with special authorization, for example, tax auditors.
Personal data	Any information relating to a data subject.
Purpose	The information that specifies the reason and the goal for the processing of a specific set of personal data. As a rule, the purpose references the relevant legal basis for the processing of personal data.
Residence period	The period of time between the end of business and the end of purpose (EoP) for a data set during which the data remains in the database and can be used in case of subsequent processes related to the original purpose. At the end of the longest configured residence period, the data is blocked or deleted. The residence period is part of the overall retention period.
Retention period	The period of time between the end of the last business activity involving a specific object (for example, a business partner) and the deletion of the corresponding data, subject to applicable laws. The retention period is a combination of the residence period and the blocking period.
Sensitive personal data	A category of personal data that usually includes the following type of information: Special categories of personal data such as data revealing racial or ethnic origin, political opinions, religious or philosophical beliefs, or trade union membership and the processing of genetic data, biometric data, data concerning health, sex life or sexual orientation or personal data concerning bank and credit accounts Personal data subject to professional secrecy Personal data relating to criminal or administrative offenses Personal data concerning insurances and bank or credit card accounts

Where-used check (WUC)	A process designed to ensure data integrity in the case of potential blocking of business partner data. An application's where-used check (WUC) determines if there is any dependent data for a certain business partner in the database. If dependent data exists, this means the data is still required for business activities. Therefore, the blocking of business partners referenced in the data is prevented.
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12.9.2 User Consent

SAP applications ask for consent of the data subject before collecting any personal data. In some cases, the data subject may also be the user. SAP applications provide functionality that allows data subjects to give and withdraw consent to collect and process their personal data. SAP assumes that the user, for example, an SAP customer collecting data, has consent from its data subject (a natural person such as a customer, contact, or account) to collect or transfer data to the solution.

Solution Extensions for SAP by Vistex use master data—including a possible mix of business partner companies and business partner persons—found in SAP ERP. This master data is used to create pricing and/or agreements for the benefit of the companies or persons. If an agreement has been executed in legal form, then consent has been either explicitly or implicitly granted to use personal information to provide benefits (pricing, rebates, reimbursements, etc.) under the agreement executed by the company or person.

The application of data privacy protections should not pre-empt legal agreements executed between your company and any persons regarding the transaction of business. Since all business transacted in Solution Extensions for SAP by Vistex is designed to be legally binding, the legal agreement must be canceled or terminated before any withdrawal of consent or limitation placed on the use of personal data that prevents the fulfillment of the legal obligations specified in such agreement represented in the combined solution.

For example, if you have a legally binding agreement that you will pay a rebate to a person based on their purchases from you, the person should not withdraw consent without first terminating the legal agreement according to the terms allowed in the legal agreement. Otherwise, a conflict could arise where you are obligated to pay but are unable to pay.

12.9.3 Information Report

Data subjects have the right to get information regarding their personal data undergoing processing. The information retrieval feature supports you to comply with the relevant legal requirements for data protection by allowing you to search for and retrieve all personal data for a specified data subject. The search results are displayed in a comprehensive and structured list containing all personal data of the data subject specified, subdivided according to the purpose for which the data was collected and processed.

Data subjects have the right to receive information regarding their personal data undergoing processing. The personal data record feature helps you to comply with the relevant legal requirements for data protection by allowing you to search for and retrieve all personal data for a specified data subject. The search results are displayed in a comprehensive and structured list containing all personal data of the data subject specified, subdivided according to the purpose for which the data was collected and processed.

12.9.4 Deletion of Personal Data

Simplified Blocking and Deletion

When considering compliance with data protection regulations, it is also necessary to consider compliance with industry-specific legislation in different countries. A typical potential scenario in certain countries is that personal data shall be deleted after the specified, explicit, and legitimate purpose for the processing of personal data has ended, but only as long as no other

retention periods are defined in legislation, for example, retention periods for financial documents. Legal requirements in certain scenarios or countries also often require blocking of data in cases where the specified, explicit, and legitimate purposes for the processing of this data have ended, however, the data still has to be retained in the database due to other legally mandated retention periods. In some scenarios, personal data also includes referenced data. Therefore, the challenge for deletion and blocking is first to handle referenced data and finally other data, such as business partner data.

Deletion of Personal Data

The processing of personal data is subject to applicable laws related to the deletion of this data when the specified, explicit, and legitimate purpose for processing this personal data has expired. If there is no longer a legitimate purpose that requires the retention and use of personal data, it must be deleted. When deleting data in a data set, all referenced objects related to that data set must be deleted as well. Industry-specific legislation in different countries also needs to be taken into consideration in addition to general data protection laws. After the expiration of the longest retention period, the data must be deleted.

SAP Solution Extensions by Vistex might process data that is subject to the data protection laws applicable in specific countries as described in SAP Note 1825544.

The retention period for data in SAP Solution Extensions by Vistex is defined by the archiving period for each data object. Solution Extensions by Vistex are embedded Add-On(s) and follow SAP Information Lifecycle Management (ILM) protocols for archiving unneeded data. The archival process will remove data that has reached the end of the Retention Period, provided that you define the archive limit to be the same as the retention period.

Deletion

Existing deletion functionality available in SAP can cover data objects that are personal data by default. For this purpose, SAP uses SAP Information Lifecycle Management (ILM) to help you set up a compliant information lifecycle management process in an efficient and flexible manner. The functions that support the simplified blocking and deletion of personal data are not delivered in one large implementation, but in several waves. Scenarios or products that are not specified in SAP Note 1825608 (central Business Partner) and SAP Note 2007926 (ERP Customer and Vendor) are not yet subject to simplified blocking and deletion.

Nevertheless, it is also possible to destroy personal data for these scenarios or products. In these cases, you may use an existing archival or deletion functionality or implement individual retention management of relevant business data throughout its entire lifecycle. The SAP Information Lifecycle Management (ILM) component supports the entire software lifecycle including the storage, retention, blocking, and deletion of data.

SAP Solution Extensions by Vistex use SAP ILM to support the deletion of personal data as described in the following sections.

All applications register either (1) an end of purpose check (EOP check) in the Customizing settings for the blocking and deletion of application data (for example, the customer and vendor master or the business partner) or (2) a where-used check (WUC).

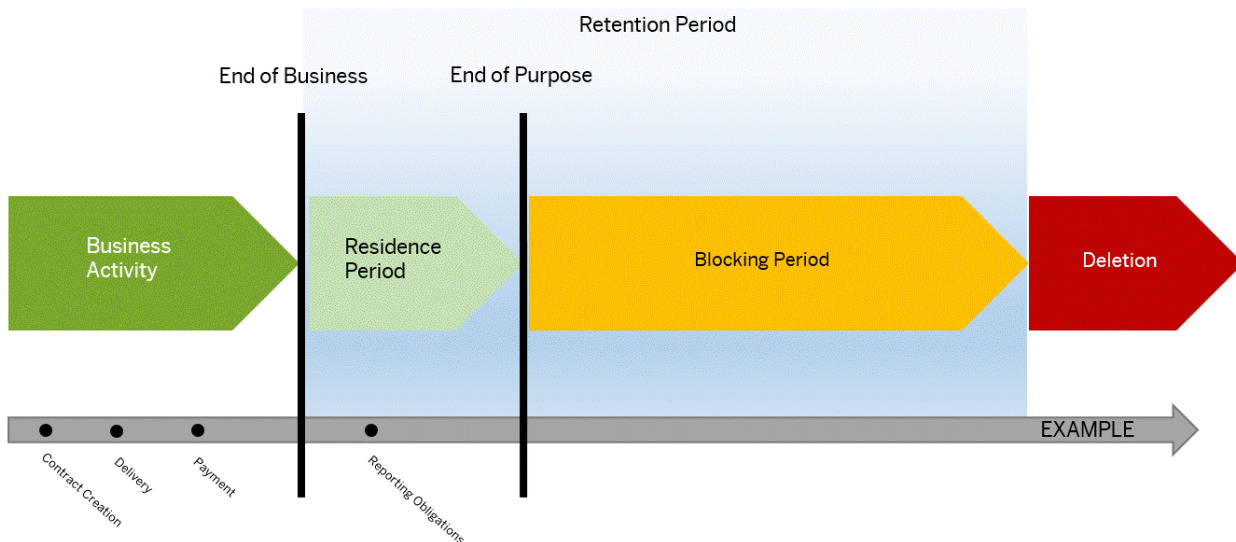
End of Purpose Check (EoP check)

An end of purpose check determines whether data is still relevant for business activities based on the retention period defined for the data. The retention period is part of the overall lifecycle of personal data which consists of the following phases:

- **Business activity:** The relevant data is used in ongoing business, for example contract creation, delivery or payment.
- **Residence period:** The relevant data remains in the database and can be used in case of subsequent processes related to the original purpose, for example reporting obligations.
- **Blocking period:** The relevant data needs to be retained for legal reasons. During the blocking period, business users of SAP applications are prevented from displaying and using this data; it can only be processed in case of mandatory legal provisions.

- Deletion: The data is deleted and no longer exists in the database.

The following figure illustrates the lifecycle of personal data:



Blocking

Blocking of data can impact system behavior in the following ways:

- Display: The system does not display blocked data.
- Change: It is not possible to change a business object that contains blocked data.
- Create: It is not possible to create a business object that contains blocked data.
- Copy/Follow-Up: It is not possible to copy a business object or perform follow-up activities for a business object that contains blocked data.
- Search: It is not possible to search for blocked data or to search for a business object using blocked data in the search criteria.

It is possible to display blocked data if a user has special authorization; however, it is still not possible to create, change, copy, or perform follow-up activities on blocked data.

Where-Used Check (WUC)

A where-used check is a simple check to ensure data integrity in case of potential blocking. The WUC for this product checks whether any dependent data for a customer, vendor, or central business partner (cBP) exists in the respective table. If dependent data exists, that is, if the data is still required for business activities, the system does not block that specific customer, vendor, or cBP.

If you still want to block the data, the dependent data must be deleted by using the existing archival and deletion tools or by using another customer-specific solution.

12.9.5 Change Log

Personal data is subject to frequent changes. Therefore, for review purposes or as a result of legal regulations, it may be necessary to track the changes made to this data. When these changes are logged, you should be able to check which employee made which change, the date and time, the previous value, and the current value, depending on the configuration. It is also possible to analyze errors in this way.

Defining Fields to Be Logged

SAP solution extensions by Vistex are embedded SAP Add-On(s) in SAP ERP (refer to Figure 2). Therefore, follows SAP's protocols. SAP solution extensions by Vistex processes personal data of business partners that are involved in change requests and activities. If any changes are made regarding the business partner, the system logs the following information on personal data per change request and activity:

- The user who changed data
- The date and time of the change
- The change type (update, insert, deletion, single field documentation)
- The identifying keys and their values of the data records
- The heading name for the attribute that was changed

You can define the fields to be logged under *Display Change Document Objects* (transaction `SCDO`).

You use the authorization object to `IAM/CHGLOG` to control the change logging for change requests and activities.

Displaying Change Logs

In the worklist of SAP solution extensions by Vistex you can access a change log for each change request and activity.

Note

Change logs can only be displayed if the user is assigned the authorization role `SAP_AUTH_MOC_ADMIN`.

Under *Evaluate New Audit Trail* → *Enhancement Mode* (transaction `S_AUT10`), you can see all changes that have been processed for the change document objects in SAP solution extensions by Vistex `S_/IAM/ACT` (activity) and `/IAM/ISSUE` (change request).

For more information about change documents, see the documentation for your SAP NetWeaver release at [SAP NetWeaver - SAP Help Portal](#). Choose the relevant SAP NetWeaver release and open the following documents:

- Under *Application Help*, choose *SAP NetWeaver Library: Function-Oriented View* → *Application Server ABAP* → *Other Services* → *Services for Application Developers* → *Change Documents*.
- Under *Security*, choose *SAP NetWeaver Security Guide* → *Security Aspects for Lifecycle Management* → *Auditing and Logging*.

Personal data is subject to frequent changes. Therefore, for review purposes or as a result of legal regulations, it may be necessary to track the changes made to this data. When these changes are logged, you should be able to check which employee made which change, the date and time, the previous value, and the current value, depending on the configuration. It is also possible to analyze errors in this way.

Personal data is subject to frequent changes. Therefore, for review purposes or as a result of legal regulations, it may be necessary to track the changes made to this data. When these changes are logged, you should be able to check which employee made which change, the date and time, the previous value, and the current value, depending on the configuration. It is also possible to analyze errors in this way.

12.10 Security for Third-Party Applications

Not Applicable. Vistex does not utilize 3rd-party products in its add-on solutions.

13 Operating SAP solution extensions by Vistex

This section contains general information about how to operate SAP solution extensions by Vistex:

i Note

This section does not replace the operations handbook in which customers or the operations organization documents specific tasks, involved parties, and interaction procedures.

13.1 Monitoring

This section describes monitoring tasks for SAP solution extensions by Vistex.

No specific monitoring sets are available or needed. All standard underlying ABAP monitoring tools are available.

SAP solution extensions by Vistex are embedded Add-On solution, thus utilize standard SAP mechanism. Please refer to SAP Admin Guide at [SAP Help Portal](#).

There are no application specific administration tools available or needed. All standard underlying SAP tools are available using SAP Solution manager. SAP provides you with an infrastructure to help your technical support consultants and system administrators effectively monitor your system landscape. For more information about monitoring topics please refer to SAP Admin Guide for more information found at [SAP Help Portal](#).

13.1.1 Alert Monitoring

SAP solution extensions by Vistex are embedded Add-On solutions, thus utilize standard SAP mechanisms. Please refer to chapter 3 of the SAP Admin Guide for SAP 6.0 EHP8 at [SAP Help Portal](#).

13.1.2 Detailed Monitoring and Tools for Problem and Performance Analysis

SAP solution extensions by Vistex are embedded Add-On solutions, thus utilize standard SAP mechanism. Please refer to chapter 3 of the SAP Admin Guide for SAP 6.0 EHP8 at [SAP Help Portal](#).

For more information about technical problem analysis (such as with a database, the operating system, or workload analysis), see SAP Help Portal [SAP Help Portal](#).

13.1.3 Error Handling

The SAP standard logging mechanism is used. Upload programs and batch jobs will store logs in the standard SLG1 transaction. However, the workbenches will not save the logs. They are just available for display only.

13.1.4 Overview of Trace and Log Files

Logging and tracing for ABAP components is done using transaction SLG1. An Application Log comprises a log header and a set of messages. The log header contains general data (type, created by/on, etc.). Each log in the database also has the attributes Object and Sub object. These attributes describe the application which wrote the log and classify this application. SAP solution extensions by Vistex are embedded Add-On solutions, thus utilize standard SAP mechanism. Please refer to chapter 3 of the SAP Admin Guide for SAP ERP6.0 EHP8 for more information to the SAP Admin Guide [SAP Help Portal](#).

13.1.5 Workload Monitors

SAP Product Lifecycle Management uses the standard NetWeaver workload monitor. For more information, see SAP Help Portal at <http://help.sap.com/nw75> System Administration and Maintenance Information Technical Operations for SAP NetWeaver Administration of SAP NetWeaver Systems and components AS ABAP (Application Server ABAP Monitoring and Administration Tools for Application Server ABAP Statistics Workload Monitor).

No specific monitoring sets are available or needed. All standard underlying ABAP monitoring tools are available.

SAP solution extensions by Vistex are embedded Add-Ons, thus utilize standard SAP mechanism. Please refer to chapter 3 of the SAP Admin Guide at [SAP Help Portal](#).

13.1.6 Interface Monitoring

This section describes aspects of interface monitoring relevant for SAP solution extensions by Vistex. This application can use IDocs and standard SAP ALE processing as required. No other asynchronous interfaces are used.

No specific monitoring sets are available or needed. All standard underlying ABAP monitoring tools are available. Interface monitors are essential for analyzing problems with interfaces such as RFC, IDoc, and HTTP. If you create RFC connections for running your PLM system landscape, use standard ABAP Platform tools for monitoring these RFC connections. For more information, go to [SAP Help Portal](#).

13.1.7 Background Job Monitoring

No specific monitoring sets are available or needed. All standard underlying ABAP monitoring tools are available. SAP solution extensions by Vistex are embedded Add-Ons, thus utilize standard SAP mechanism. Please refer to chapter 3 of the SAP ERP6.0 EHP8 SAP Admin Guide found at [SAP Help Portal](#).

There are no application specific administration tools available or needed. All standard underlying SAP tools are available using SAP Solution manager. Please refer to the SAP Solution manager documentation for SAP ERP 6.0 EHP8 found at [SAP Help Portal](#).

13.2 Administration and Management

This section describes administrator tasks for SAP solution extensions by Vistex.

SAP provides you with an infrastructure to help your technical support consultants and system administrators effectively manage all SAP components and complete all tasks related to technical administration and operation.

For more information about operational topics, go to <http://help.sap.com>.

Please refer to SAP Admin Guide for more information found at [SAP Help Portal](#).

13.2.1 Starting and Stopping

This section describes how to start and stop SAP solution extensions by Vistex. SAP solution extensions by Vistex embedded Add-On solutions and utilize standard SAP mechanisms. Please refer to SAP Admin Guide for SAP ERP6.0 EHP8 chapter 4 for more information at [SAP Help Portal](#).

13.2.2 Technical Configuration

This section describes aspects of technical configuration for SAP solution extensions by Vistex. Refer to [SAP Help Portal](#).

13.2.3 Backup and Restore

This section describes procedures for backing up and restoring SAP solution extensions by Vistex. You need to back up your system landscape regularly to ensure that you can restore and recover it in case of failure.

SAP solution extensions by Vistex embedded Add-On solutions and utilize standard SAP mechanisms. Please refer to chapter 4 (4.4) of the SAP Admin Guide for more information found at [SAP Help Portal](#).

13.2.4 Periodic Tasks

This section describes periodic tasks that may be completed for SAP solution extensions by Vistex.

13.2.4.1 Periodic Tasks for SAP Incentive Administration and Paybacks and Chargebacks by Vistex

SAP Incentive Administration and Paybacks and Chargebacks by Vistex are not defined as a mission critical application. Please refer to chapter 4 in the standard SAP Operations Guide found at the [SAP Help Portal](#) for reference.

The following transactions are available to be run in the background if desired.

Transaction Code and Description	Program
/IRM/IPBB21 - IP -Billbacks -Billing Mass Process	/IRM/IPBB_BILLING_MASS_PROCESS
/IRM/IPBB22 - IP -Billbacks Claim Req Mass Process	/IRM/IPBB_CR_MASS_PROCESS
/IRM/IPBB23 - IP - Billbacks - Mass Process	/IRM/IPBB_MASS_PROCESS
/IRM/IPBBLIS - Statistics Update for Billback	/IRM/IPBB_LIS_UPDATE
/IRM/IPBBCLR - Clear Billbacks and Deductions	/IRM/IPBB_CLEARING
/IRM/GCR23 - Claim Requests - Mass Process	/IRM/GCR_MASS_PROCESS
/IRM/GRCA23 - Transaction Register - Mass Process	/IRM/GRCA_MASS_PROCESS
/IRM/GCRLIS - Statistics Update for Claim request	/IRM/GCR_LIS_UPDATE
/IRM/IPCB21 - IP-Chargebacks-Billing Mass Process	/IRM/IPCB_BILLING_MASS_PROCESS
/IRM/IPCB22 - IP-Chargebacks-Sales Mass Process	/IRM/IPCB_SALES_MASS_PROCESS
/IRM/IPCB20 - IP -Chargebacks -Claim Mass Process	/IRM/IPCB_CR_MASS_PROCESS
/IRM/IPCB23 - IP-Chargebacks-Mass Process	/IRM/IPCB_MASS_PROCESS

/IRM/IPCBLIS - Statistics Update for Chargebacks	//IRM/IPCB_LIS_UPDATE
/IRM/IPCBAME – Chargeback Agreement Mass Process	/IRM/SAPLIPA
/IRM/IPCR20 - Customer Rebates -Claim Mass Process	/IRM/IPCR_CR_MASS_PROCESS
/IRM/IPCR21 - IP-Cust Rebates-Billing Mass Process	/IRM/IPCR_BILLING_MASS_PROCESS
/IRM/IPCR22 - IP-Cust Rebates-Sales Mass Process	/IRM/IPCR_SALES_MASS_PROCESS
/IRM/IPCRLIS - Statistics Update for Cust Rebates	/IRM/IPCR_LIS_UPDATE
/IRM/IPCR23 - IP-Cust Rebates -Mass Process	/IRM/IPCR_MASS_PROCESS
/IRM/IPCRAME – Cust Rebate Agreement Mass Process	/IRM/SAPLIPA
/IRM/IPPR21 - IP- Purchasing Docs Mass Process	/IRM/IPPR_PUR_MASS_PROCESS
/IRM/IPPR23 - IP-Purchasing Rebates-Mass Process	/IRM/IPPR_MASS_PROCESS
/IRM/IPPRLIS - Statistics Update for Purch Rebates	/IRM/IPPR_LIS_UPDATE
/IRM/IPPRAME – Rebate Agreement Mass Process	/IRM/SAPLIPA
/IRM/IPSI21 - IP-Sales Incentv-Billing Mass Process	/IRM/IPSI_BILLING_MASS_PROCESS
/IRM/IPSI22 - IP-Sales Incentv-Sales Mass Process	/IRM/IPSI_SALES_MASS_PROCESS
/IRM/IPSI20 - IP -Sales Incs -Claim Mass Process	/IRM/IPSI_CR_MASS_PROCESS
/IRM/IPSI23 - IP-Sales Incentives-Mass Process	/IRM/IPSI_MASS_PROCESS
/IRM/IPSILIS - Statistics Update for SIs Incentives	/IRM/IPSI_LIS_UPDATE
/IRM/GCR23 - Claim Requests - Mass Process	/IRM/GCR_MASS_PROCESS
/IRM/GRCA23 - Transaction Register - Mass Process	/IRM/GRCA_MASS_PROCESS
/IRM/GCRLIS - Statistics Update for Claim request	/IRM/GCR_LIS_UPDATE
/IRM/IPSIAME – Sales Incs Agreement Mass Process	/IRM/SAPLIPA
/IRM/IPCMP – Composite IP: Mass Processing	/IRM/IPCI_MASS_PROCESS
/IRM/IPCPCRMP - Comp IP: Pre-Calc. Run Mass Process	/IRM/IPCI_PCR_MASS_PROCESS
/IRM/IPCID - Composite IP: Delete PreCalc Run	/IRM/IPCI_PRECALC_RUN_DELETE
/IRM/IPAINDX - IP Document Index Maintain	/IRM/IPG_ACTINDEX_MAINTAINDX
/IRM/IPPRINDX - IP - PO - Documents Index Maintain	/IRM/IPG_POINDEX_MAINTAIN
/IRM/IPGINDX - IP - Source Documents Index Maintain	/IRM/IPG_SDINDEX_MAINTAIN
/IRM/IPGPSU - IP - Update Payment Schedules	/IRM/IPG_PAYSCHEDS_UPDATE
/IRM/IPGPUP_MASS - IP - Mass Partner Update	/IRM/IPG_SD_PARTNERS_UPDATE
/IRM/IPGADC - IP Accounting Documents Clearing	/IRM/IPG_ACCOUNTING_DOCS_CLEAR
/IRM/IPGCRT - IP-Batch Trigger for Correspondence	SAPF140

13.2.4.2 Periodic Tasks for DMP and DMR

No periodic tasks are defined. SAP Data Maintenance by Vistex (DMP and DMR) is not defined as a mission critical application. Please refer to standard SAP Operations Guide found at [SAP Help Portal](#) for reference.

Transaction code	Description
/IRM/EPKU50	Create a customer from the customer master
/IRM/EPKU60	Post a customer to the customer master
/IRM/EPKUIR50	Create customer info records from SAP info records
/IRM/EPKUIR60	Post customer info records to SAP info records
/IRM/EPKU80	Customer mass processing
/IRM/EPLI50	Create a vendor from the vendor master
/IRM/EPLI60	Post a vendor to the vendor master
/IRM/EPLIIR50	Create vendor info records from SAP info records
/IRM/EPLIIR60	Post vendor info records to SAP info records

/IRM/EPLI80	Vendor mass processing
/IRM/EPPD50	Create a material from the material master
/IRM/EPPD60	Post a material to the material master
/IRM/EPPD80	Material processing

The following transactions are available to be run in the background if desired.

13.2.5 Load Balancing and Scalability

SAP solution extensions by Vistex are embedded SAP Add-On(s), and therefore, utilize standard SAP mechanisms. Please refer to standard SAP Operations Guide for more information found at [SAP Help Portal](#).

13.2.6 High Availability

SAP solution extensions by Vistex follow the general high availability concept for all SAP NetWeaver and EHP8 for SAP ERP 6.0 based systems.

SAP solution extensions by Vistex are embedded SAP Add-On(s), and therefore, utilize standard SAP mechanisms. Please refer to chapter 5 of the standard SAP Operations Guide for more information found at [SAP Help Portal](#).

13.3 Logging and Tracing

13.3.1 Read Access Logging

Read Access Logging (RAL) is used to monitor, and log read access to sensitive data. This data may be categorized as sensitive by law, by external company policy, or by internal company policy. These common questions might be of interest for an application that uses Read Access Logging:

SAP solution extensions by Vistex are embedded SAP Add-On in SAP ERP. Therefore, the SAP standard logging mechanism is used. Upload programs and batch jobs will store logs in the standard SLG1 transaction. However, the workbenches will not save the logs. The logs are available for display only. The details are below by application.

13.3.1.1 Logging and Tracing for SAP Incentive Administration by Vistex and SAP Paybacks and Chargebacks by Vistex

The SAP standard logging mechanism is used. Conversion programs and batch jobs will store logs in the standard SLG1 transaction. However, the workbenches will not save the logs. They are just available for display only. The details are below by application.

OBJECT	OBJECT TEXT	SUBJECT	SUBJECTXT
/IRM/IPAMR	Agreement Requests	CHANGE	Change
		COPY	Copy
		POST	Post
		REPORTING	Reporting
/IRM/IPBB	Billback	ACCRUE	Accrue
		ADJ_SETTLE	Adjust Settlement
		CANCEL	Cancel
		CHANGE	Change
		CREATE	Create
		DC_CLEAR	Deduction Clearing - Clearing Process
		DC_UPDATE	Deduction Clearing - Update Process
		DELETE	Delete
		PARK	Park
		PARK_REPLACE	Replace Park Documents
		PC_UPDATE	Update Partner Communication
		RECREATE	Recreate
		REPORTING	Reporting
		REPRICE	Reprice
		RESUBMIT	Resubmission
		REVERSE_CANCEL	Reverse Cancel
		REV_ACCRUE	Reverse Accrue
		REV_PARK	Reverse Park
REV_SETTLE	Reverse Settle		
SETTLE	Settle		
SIMULATE	Simulate		
STAT_LOAD	Statistics Initial Load		
/IRM/IPBBAGR	Billback Agreement	ACNTNG	Accounting
		BUCKET	Bucket
		CHANGE	Change
		CLOSEOUT	Close out
		COPY	Copy Agreement
		MASS	Mass Changes
		PROFORMA	Proforma
		REPORTING	Reporting
		SCHEDULE	Schedule
/IRM/IPBCK	Bucket	CHANGE	Change
		CREATE	Create
		DELETE	Delete
/IRM/IPBR	Business Register	ACCRUE	Accrue
		ADJ_SETTLE	Adjust Settlement
		CANCEL	Cancel
		CHANGE	Change
		CREATE	Create
		DELETE	Delete
		PARK	Park
		PARK_REPLACE	Replace Park Documents
		PC_UPDATE	Update Partner Communication
		RECREATE	Recreate
		REPORTING	Reporting
		REPRICE	Reprice
		RESUBMIT	Resubmission
		REVERSE_CANCEL	Reverse Cancel
		REV_ACCRUE	Reverse Accrue
		REV_PARK	Reverse Park
		REV_SETTLE	Reverse Settle
		SETTLE	Settle
SIMULATE	Simulate		

		STAT_LOAD	Statistics Initial Load
/IRM/IPBRAGR	Business Register Agreement	BUCKET	Bucket
		CHANGE	Change
		CLOSEOUT	Close out
		COPY	Copy Agreement
		MASS	Mass Changes
		PROFORMA	Proforma
		REPORTING	Reporting
		SCHEDULE	Schedule
/IRM/PCB	Chargeback	ACCRUE	Accrue
		ADJ_SETTLE	Adjust Settlement
		CANCEL	Cancel
		CHANGE	Change
		CREATE	Create
		DELETE	Delete
		PARK	Park
		PARK_REPLACE	Replace Park Documents
		PC_UPDATE	Update Partner Communication
		RECREATE	Recreate
		REPORTING	Reporting
		REPRICE	Reprice
		RESUBMIT	Resubmission
		REVERSE_CANCEL	Reverse Cancel
		REV_ACCRUE	Reverse Accrue
		REV_PARK	Reverse Park
		REV_SETTLE	Reverse Settle
		SETTLE	Settle
SIMULATE	Simulate		
STAT_LOAD	Statistics Initial Load		
/IRM/PCBAGR	Chargeback Agreement	ACNTNG	Accounting
		BUCKET	Bucket
		CHANGE	Change
		CLOSEOUT	close out
		COPY	Copy Agreement
		MASS	Mass Changes
		PROFORMA	proforma
		REPORTING	Reporting
SCHEDULE	schedule		
/IRM/PCG	Campaigns	CHANGE	Change
		COPY	Copy
		MASS	Mass Changes
/IRM/PCIPA	Participant Assignment	COPY	Copy
		MASS_CHANGE	Mass Change
		PARCHECK	Assignment Checks
		UPDATE	Update
/IRM/PCR	Sales Rebate	ACCRUE	Accrue
		ADJ_SETTLE	Adjust Settlement
		CANCEL	Cancel
		CHANGE	Change
		CREATE	Create
		DELETE	Delete
		PARK	Park
		PARK_REPLACE	Replace Park Documents
		PC_UPDATE	Update Partner Communication
		RECREATE	Recreate
		REPORTING	Reporting
		REPRICE	Reprice
RESUBMIT	Resubmission		

		REVERSE_CANCEL	Reverse Cancel
		REV_ACCRUE	Reverse Accrue
		REV_PARK	Reverse Park
		REV_SETTLE	Reverse Settle
		SETTLE	Settle
		SIMULATE	Simulate
		STAT_LOAD	Statistics Initial Load
/IRM/IPCRAGR	Sales Rebate Agreement	ACNTNG	Accounting
		BUCKET	Bucket
		CHANGE	Change
		CLOSEOUT	close out
		COPY	Copy Agreement
		MASS	Mass Changes
		PROFORMA	proforma
		REPORTING	Reporting
		SCHEDULE	schedule
/IRM/IPDA	Direct Agreement	CHANGE	Change
		COPY	Copy Agreement
		MASS	Mass Changes
		REPORTING	Reporting
/IRM/IPDAR	Direct Agreement Request	CHANGE	Change
		COPY	Copy
		POST	Post
		REPORTING	Reporting
/IRM/IPDCR	Deductions and Credits	BB_CLEAR	Billback Clearing
		CB_CLEAR	Chargeback Clearing
		CHANGE	Change
		CHECK	Check
		CLEAR	Clearing
		CR_CLEAR	Sales Rebate Clearing
		DOC_CHECK	Document Checks
		PR_CLEAR	Purchasing Rebate Clearing
		SI_CLEAR	Sales Incentive Clearing
/IRM/IPG	IP General	ACDOCCLEAR	Accounting Documents - Clearing
		AUTODATAMN	Automatic Data Maintenance
		CORRCONV	BKORM to /IRM/IPCORR Conversion
		INDEX	Indexing
		RESUBMIT	Resubmission
/IRM/IPGHI	Hierarchy Maintenance	COPY	Copy
		MASS_CHANGE	Mass Change
		PARCHECK	Assignment Checks
		UPDATE	Update
/IRM/IPGT	Territory	CHANGE	Change
		CREATE	Create
/IRM/IPGTP	Territory Proposal	CHANGE	Change
		CREATE	Create
		POST	Post
/IRM/IPMG	Migration of IP to Calculation Bucket	CHANGE	Change
		CREATE	Create
/IRM/IPMR	Maintenance Request	CHANGE	Change
		CHECK	Check
		CREATE	Create
		POST	Post
/IRM/IPMX	Matrix	CHECK	Data Check
		GENERATE	Generate
/IRM/IPMXAPD	APD Structure	CHECK	Check
		GENERATE	Generate

/IRM/IPMXMP	Mapping Profile	CHECK	Check
/IRM/IPMXP	Matrix Proforma	CHECK	Data Check
/IRM/IPMXPA	Planning Scenario	CHECK	Data Check
/IRM/IPMXPD	Planning Document	CHECK	Check
/IRM/IPMXPO	Planning Object	CHECK	Data Check
/IRM/IPMXS	Matrix Scenario	CHECK	Data Check
		EXECUTE	Scenario Execute
		IMPORT	Members Import
/IRM/IPPB	Composite	ACCRUE	Accrual
		ALERTS	Alerts
		CALC_RUN_ACCRUE	Calculation Run Accrue
		CALC_RUN_CREATE	Calculation Run Create
		CALC_RUN_ISETTLE	Calculation Run Interim Settlement
		CALC_RUN_POST	Post Calculation Run
		CALC_RUN_PPRT_POST	Calculation Run Post Price Protection
		CALC_RUN_REV_ACCRUE	Calculation Run Reverse Accrual
		CALC_RUN_REV_ISETTLE	Calculation Run Reverse Interim Settlement
		CALC_RUN_REV_SETTLE	Calculation Run Reverse Settle
		CALC_RUN_SAVE	Calculation Run Save
		CALC_RUN_SETL_ADJ	Calculation Run Settlement Adjustment
		CALC_RUN_SETTLE	Calculation Run Settlement
		CR_CREATE_CLAIM	Calculation Run Create Claim
		CR_MATRIX_UPDATE	Calculation Run Matrix Update
		CWB_CHECK	Composite Work Bench Checks
		DEPCODE	Depl. Code Table Generation
		FRML_COPY	Formula Copy
		FRM_COPY	Copy Formulas
		INT_SETTLE	Interim Settlement
		PARCHECK	Participants Assignment Checks
		PART_SHVR	Participant Search Help Variant
		REV_ACCRUE	Reverse Accrual
		REV_ACCR_ADJ	Reverse Accrual Adjust
		REV_INT_SETTLE	Reverse Interim Settlement
		REV_SETTLE	Reverse Settlement
		ROS_RUN_POST	Roster Run Posting
SELECTION	Selection		
SETTLE	Settlement		
SETTLE_ADJ	Settlement Adjustment		
/IRM/IPPC	Partner Communication	CHANGE	Change Partner Communication
		CREATE	Create Partner Communication
		DELETE	Delete
		ITEM_UPL	Item Upload
/IRM/IPPD	Pricing Document	CHANGE	Change
		CHECK	Check
		SAVE	Save
/IRM/IPPDVDM	Review Template	CHECK	Check
		SAVE	Save
/IRM/IPPM	Pricing Sheet	CHANGE	Change
		CHECK	Check
		SAVE	Save
/IRM/IPPO	Pricing Object	CHANGE	Change
		CHECK	Check
		SAVE	Save
/IRM/IPPQ		ACTIVITY	Activity

	Master Request	CHANGE	Change
		COPY	Copy
		CREATE	Create
		MASS	Mass Change
		POST	Post
		PROFORMA	Proforma
		REPORTING	Reporting
/IRM/IPPR	Purchasing Rebate	ACCRUE	Accrue
		ADJ_SETTLE	Adjust Settlement
		CANCEL	Cancel
		CHANGE	Change
		CREATE	Create
		DELETE	Delete
		PARK	Park
		PARK_REPLACE	Replace Park Documents
		PC_UPDATE	Update Partner Communication
		RECREATE	Recreate
		REPORTING	Reporting
		REPRICE	Reprice
		RESUBMIT	Resubmission
		REVERSE_CANCEL	Reverse Cancel
		REV_ACCRUE	Reverse Accrue
		REV_PARK	Reverse Park
		REV_SETTLE	Reverse Settle
SETTLE	Settle		
	SIMULATE	Simulate	
	STAT_LOAD	Statistics Initial Load	
/IRM/IPPRAGR	Purchasing Rebate Agreement	ACNTNG	Accounting
		BUCKET	Bucket
		CHANGE	Change
		CLOSEOUT	close out
		COPY	Copy Agreement
		MASS	Mass Changes
		PROFORMA	proforma
		REPORTING	Reporting
		SCHEDULE	schedule
/IRM/IPPS	Pricing Scenario	CHECK	Check
		SAVE	Save
/IRM/IPPX	Pricing Matrix	CHANGE	Change
		CHECK	Check
		SAVE	Save
/IRM/IPRP	Report	CHECK	Check
		EXECUTE	Execute
		EXECUTION	Report Execution
/IRM/IPS1	Calculation Bucket	CHANGE	Change
		CREATE	Create
		DELETE	Delete
		REPRICE	Reprice
		REPROCESS	Reprocess
/IRM/IPS2	Calculation Run	ACCRUE	Accrue
		CHANGE	Change
		CREATE	Create
		REV_ACCRUE	Reverse Accrue
		REV_SETTLE	Reverse Settle
/IRM/IPSCN	Scenario Planning	SETTLE	Settle
		CHANGE	Change
		CHECK	Check

/IRM/IPSI	Sales Incentive	SAVE	Save
		ACCRUE	Accrue
		ADJ_SETTLE	Adjust Settlement
		CANCEL	Cancel
		CHANGE	Change
		CREATE	Create
		DELETE	Delete
		PARK	Park
		PARK_REPLACE	Replace Park Documents
		PC_UPDATE	Update Partner Communication
		RECREATE	Recreate
		REPORTING	Reporting
		REPRICE	Reprice
		RESUBMIT	Resubmission
		REVERSE_CANCEL	Reverse Cancel
		REV_ACCRUE	Reverse Accrue
		REV_PARK	Reverse Park
		REV_SETTLE	Reverse Settle
		SETTLE	Settle
SIMULATE	Simulate		
STAT_LOAD	Statistics Initial Load		
/IRM/IPSIAGR	Sales Incentive Agreement	ACNTNG	Accounting
		BUCKET	Bucket
		CHANGE	Change
		CLOSEOUT	close out
		COPY	Copy Agreement
		MASS	Mass Changes
		PROFORMA	proforma
		REPORTING	Reporting
		SCHEDULE	schedule
		/IRM/IPTF	Trade Funds
CHECK	Check		
IMPORT	Data Import		

Read access logging is currently available in, but not limited to the following channels:

- Remote Function Calls (sRFC, aRFC, tRFC, qRFC, bgRFC)
- Dynpro (dynpro fields, ALV Grid, ABAP List, F4)
- Web Dynpro
- Web services
- Gateway (for oData)

13.3.1.2 Logging and Tracing for DMP and DMR

The SAP standard logging mechanism is used. Conversion programs and batch jobs will store logs in the standard SLG1 transaction. However, the workbenches will not save the logs. They are just available for display only. The details are below by application.

OBJECT	OBJECT TEXT	SUBJECT	SUBJECTXT
/IRM/EPADR	Address	INDEX_UPD	Address Index Update
/IRM/EPAS	Attribute Set	CHANGE	Change
		CREATE	Create
		TRANSFER	Transfer
/IRM/EPATG	Attribute Group	CHANGE	Change
		CREATE	Create
		TRANSFER	Transfer
/IRM/EPATR	Attribute	CHANGE	Change
		CREATE	Create
		TRANSFER	Transfer
/IRM/EPAXR	Attribute Cross-Reference	CHANGE	Change
		UPLOAD	Upload from File
/IRM/EPCHM	Change Master	CHANGE	Change
		CREATE	Create
		TRANSFER	Transfer
/IRM/EPEQ	Equipment	CHANGE	Change
		CREATE	Create
		UPLOAD	Upload
/IRM/EPEQL	Equipment List	CHANGE	Change
		CHECK	Check
		CREATE	Create
		POST	Post
		UPLOAD	Upload
/IRM/EPINT	Index Table	CHANGE	Change
		CREATE	Create
		GENERATE	Generate
/IRM/EPINTP	Index Table Profile	CHANGE	Change
		CREATE	Create
/IRM/EPIR	Info Records	ATTRCHECK	Attributes Consistency Checks
		ATTRUPDATE	Attributes Update
		CHANGE	Change
		CREATE	Create
		IRUPDATE	Info Record Update
		UPLOAD	Upload Info Record
/IRM/EPKU	Customer	ATTRCHECK	Attributes Consistency Checks
		ATTRUPDATE	Attributes Update
		CHANGE	Change
		COPY	Copy Customer
		CREATE	Create
		CUSTUPDATE	Customer Master Update
		INDEX	Indexing
		RUNPROCESS	Process Profile Run
/IRM/EPKUD	Customer Domain	CHANGE	Change
		CREATE	Create
		INDEX	Index
/IRM/EPKUDF	Customer Data Flow	CHANGE	Change
		CREATE	Create
/IRM/EPKUF	Customer Facet	CHANGE	Change
		CREATE	Create
/IRM/EPKUFP	Customer Facet Profile	CHANGE	Change
		CREATE	Create
/IRM/EPKUFV	Customer Facet View	CHANGE	Change
		CREATE	Create
/IRM/EPKUL	Customer List	CHANGE	Change

		CHECK	Check
		CREATE	Create
		POST	Post
		UPLOAD	Upload
/IRM/EPLI	Vendor	ATTRCHECK	Attributes Consistency Checks
		ATTRUPDATE	Attributes Update
		CHANGE	Change
		COPY	Copy Vendor
		CREATE	Create
		INDEX	Indexing
		RUNPROCESS	Process Profile Run
		VENDUPDATE	Vendor Master Update
/IRM/EPLID	Vendor Domain	CHANGE	Change
		CREATE	Create
		INDEX	Index
/IRM/EPLIDF	Vendor Data Flow	CHANGE	Change
		CREATE	Create
/IRM/EPLIF	Vendor Facet	CHANGE	Change
		CREATE	Create
/IRM/EPLIFP	Vendor Facet Profile	CHANGE	Change
		CREATE	Create
/IRM/EPLIFV	Vendor Facet View	CHANGE	Change
		CREATE	Create
/IRM/EPLIL	Vendor List	CHANGE	Change
		CHECK	Check
		CREATE	Create
		POST	Post
		UPLOAD	Upload
/IRM/EPMTL	Material List - New	CHANGE	Change
		CHECK	Check
		CREATE	Create
		POST	Post
		UPLOAD	Upload
/IRM/EPMTR	Material - New	CHANGE	Change
		CREATE	Create
		UPLOAD	Upload
/IRM/EPMTRC	Material Configuration	CHANGE	Change
		CHECK	Check
		CREATE	Create
/IRM/EPMTRLC	Equipment/Material List Configuration	CHANGE	Change
		CHECK	Check
		CREATE	Create
/IRM/EPPD	Material	ATTRCHECK	Attributes Consistency Checks
		ATTRUPDATE	Attributes Update
		CHANGE	Change
		COPY	Copy Materials
		CREATE	Create
		INDEX	Indexing
		MATUPDATE	Material Master Update
		RUNPROCESS	Process Profile Run
/IRM/EPPDD	Material Domain	CHANGE	Change
		CREATE	Create
		INDEX	Index
/IRM/EPPDDF	Material Data Flow	CHANGE	Change
		CREATE	Create

/IRM/EPPDF	Material Facet	CHANGE	Change
		CREATE	Create
/IRM/EPPDFP	Material Facet Profile	CHANGE	Change
		CREATE	Create
/IRM/EPPDFV	Material Facet View	CHANGE	Change
		CREATE	Create
/IRM/EPPDL	Material List	CHANGE	Change
		CHECK	Check
		CREATE	Create
		POST	Post
		UPLOAD	Upload
/IRM/EPRL	Relation	CHANGE	Change
		CREATE	Create
		POST	Post
/IRM/EPASA	Structural Analysis	CHECK	Check
/IRM/EPSEG	Segment	CHANGE	Change
		CREATE	Create
/IRM/EPMSM	Structured Material	CHANGE	Change
		CREATE	Create
/IRM/EPST	Structure	CHANGE	Change
		CREATE	Create

13.3.1.3 Logging and Tracing for Global

OBJECT	OBJECT TEXT	SUBJECT	SUBJECTXT
/IRM/GAC	Activities	APRVL	Approvals
		AUTOOUTCM	Auto Outcome Set
		DTTYP	Date Type
		MASS	Mass Processing
		NFEVT	Notifications
		OUTCOME	Outcome Set
		RMNDR	Reminders
/IRM/GAM	Address Match	IDX_CUST	Customer Address Match
		IDX_VEND	Vendor Address Match
		SRCH	Search
		CHANGE	Change records
		CHECK	Check Records
		MAINTAIN	Maintenance
		READ	Read Records
		UPLOAD	Upload from File
/IRM/GATG	Attribute Group	CHANGE	Change
		CREATE	Create
		TRANSFER	Transfer
/IRM/GATR	Attribute	CHANGE	Change
		CREATE	Create
		TRANSFER	Transfer
/IRM/GAW	Award	AWARD_SAVE	Awards Save
		CHECK	Check
		REVERSE	Reverse
		UPDATE	Update
/IRM/GAWR	Award Request	AWREQ_SAVE	Award Request Save
		CREATE	Create

		POST	Post
/IRM/GAXR	Agreement Cross-Reference	DOWNLOAD	Download
		READ	Read Records
		UPLOAD	Upload from File
/IRM/GBRF	BRF Functions	CHANGE	change
		CHECK	Check
		CREATE	create
/IRM/GCH	Change Type	CHANGE	Change
		CREATE	Create
/IRM/GCL	Clauses	CHANGE	Change
		CHECK	Check
		CREATE	Create
/IRM/GCLC	Calc. Flow	CHANGE	Change
/IRM/GCLE	Calculation Engine	CHANGE	Change
/IRM/GCLFC	Calculation Flow	CHANGE	Change
/IRM/GCP	Composition	CHANGE	Change
		CHECK	Check
		CREATE	Create
		UPLOAD	Upload
/IRM/GCR	Claim	CHANGE	Change
		CHECK	Check
		CREATE	Create
		DELETE	Delete
		EXECUTE	Execute Corrections
		INDEX	Indexing
		ITEM_UPL	Upload Items from File
		POST	Post
		REPORTING	Reporting
		STAT_LOAD	Statistics Load
		UPLOAD	Upload Claims
/IRM/GCT	Catalog	CHANGE	Change
		CHECK	Check
		CREATE	Create
		DELETE	Delete
/IRM/GCUL	Customer List	CHANGE	Change
		CHECK	Check
		CREATE	Create
		CUST_UPLOAD	Upload Customers/Customer Catg. from File
		RELEASE	Release
		SAVE	Save
/IRM/GDCT	Document Template	CHANGE	Change
		CREATE	Create
		DELETE	Delete
/IRM/GDF	Dictionary Fields Maintenance	ADJUST	Adjust the Tables
/IRM/GDL	Deal	CHANGE	Change
		COPY	Copy Deal
		MASS	Mass Changes
		PRICING	Pricing Procedure Execution
		REPORTING	Reporting
/IRM/GDLR	Deal Request	CHANGE	Change
		COPY	Copy
		CREATE	Create

		MASS	Mass changes
		POST	Post
		REPORTING	Reporting
/IRM/GDM	Dimension Maintenance	CHECK	Check Records
		MAINTAIN	Maintenance
		READ	Read Records
		UPLOAD	Upload from File
/IRM/GDMXR	Dimension Cross Reference	UPLOAD	Upload from File
/IRM/GDO	Data Object	RUNPROCESS	Process Profile Run
		SSEQ_OBJECT_CREATE	Subsequent Object Create
		VERSION_CHANGE	Change Version
		VERSION_CREATE	Create Version
		VERSION_DELETE	Delete Version
		VERSION_UPLOAD	Upload Version
/IRM/GDOM	Domains	CHANGE	Change
		CREATE	Create
		DELETE	Delete
/IRM/GDOT	Data object type	CHANGE	Data object change
		CREATE	Data object create
		DELETE	Data object delete
/IRM/GDS	Dimension Set Maintenance	CHECK	Check Records
		MAINTAIN	Maintenance
		READ	Read Records
		UPLOAD	Upload from File
/IRM/GDST	Datasets	DISPLAY	Datasets
/IRM/GEH	Enhancements	SAVE	Save
/IRM/GENT	Entitlement	CHANGE	Change
		CREATE	Create
		DELETE	Delete
/IRM/GEP	External Person	CHANGE	Change
		CHECK	Check
		CREATE	Create
		SAVE	Save
/IRM/GESH	Freestyle Search	/IRM/EPKU	Customer
		/IRM/EPKUD	Customer Domains
		/IRM/EPLI	Vendor
		/IRM/EPLID	Vendor Domains
		/IRM/EPPD	Materials
		/IRM/EPPDD	Material Domains
		/IRM/GBUPA	ECC Business Partner
		/IRM/GCR	Claims
		/IRM/GKNA1	ECC Customer
		/IRM/GLFA1	ECC Vendor
		/IRM/GRCA	Transaction
		/IRM/IPAGR	Agreements
		/IRM/IPAR	Agreement Request
		/IRM/IPPQ	Price request
		SCIDX	Scheduled Index
/IRM/GEV	Evaluation	CHANGE	Change
		UPLOAD	Upload
/IRM/GEVNT	Events	CHANGE	Change
		CHECK	Check

		CREATE	Create
		MASS_PROCESS	Mass Process
		SAVE	Save
		UPLOAD	Upload
/IRM/GFG	Flexible Grouping	CHANGE	Change
		CHECK	Check
		CREATE	Create
		READ	Read
		RELEASE	Post
		SAVE	Save
		UPLOAD	Upload
/IRM/GFGR	Flexible Group Request	CHANGE	Change
		CHECK	Check
		CREATE	Create
		POST	Post
		READ	Read
		RELEASE	Post
		SAVE	Save
		UPLOAD	Upload
/IRM/GFMB	Funds Management Budgeting	CHECK	Check
/IRM/GFMCI	Funds Management Commitment Item	SAVE	Save
/IRM/GFMF	Funds Management Funds	SAVE	Save
/IRM/GFMFC	Funds Management Funds Center	SAVE	Save
/IRM/GFMR	Funds Management Reservation	CHANGE	Change
		CHECK	Check
		CREATE	Create
		SAVE	Save
/IRM/GFP	Period Profile	CHANGE	Change
		CHECK	Check
		CREATE	Create
/IRM/GFSUB	File Submission	SAVE	File Submission Save
/IRM/GIN	Incident	CHANGE	Change
		CREATE	Create
/IRM/GLOBAL	General	AUTODATAMN	Auto Document Maintenance
		EXCEL_IMPORT	Excel import
		MATRIX	Matrix
		POLICY	Policy
		PRICING	Pricing
		VAR_CONV	Variant Convert
/IRM/GML	Membership List	CANCEL	Cancel
		CHANGE	Change
		CHECK	Check
		CREATE	Create
		MBR_UPLOAD	Members Upload from File
		RELEASE	Release
		SAVE	Save
/IRM/GMX	Matrix Maintenance	CHECK	Check Matrix Data
		KF_CHECK	Check Key Figure Selection
		MAINT	Maintain Members
		SAVE	Save Members

/IRM/GMXR	Material Cross-Reference	DOWNLOAD	Download
		READ	Read Records
		UPLOAD	Upload from File
/IRM/GNF	Action	CHECK	Check
/IRM/GOO	Organizational Objects	CHANGE	Change
		COPY	Copy
		CREATE	Create
		SAVE	Save
/IRM/GOPT	Output	CHANGE	Change
/IRM/GPAR	Partners	ADR_MATCH	Address Match
		DETERMLOG	Processing log
		MAINTAIN	Maintenance
/IRM/GPB	Price Book	CHANGE	Change
		CHECK	Check
		CREATE	Create
		DELETE	Delete
		MONITOR	Price Monitor
/IRM/GPL	Product List	CHANGE	Change
		CHECK	Check
		CREATE	Create
		PRD_UPLOAD	Upload Products/Product Catg. from File
		RELEASE	Release
		SAVE	Save
/IRM/GPP	Price Proposal	CHANGE	Change
		COPY	Copy
		CREATE	Create
		POST	Post
/IRM/GPR	Pricing	CHANGE	Change Condition Records
		CHECK	Check and Complete
		COPY	Copy Condition Records
		CREATE	Create Condition Records
		POLICY	Policies
		POST	Post
		PRICEREPORT_LOAD	Price Report Initial Load
		READ	Read Condition Records
/IRM/GPREXT	Extension Table	CHECK	Data Check
		GENERATE	Generate
/IRM/GPRPA	Pricing Area	CHECK	check
		SELC	Selections Check
/IRM/GPS	Price Simulation	CHANGE	Change
		CHECK	Check
		CREATE	Create
		DELETE	Delete
/IRM/GPSCIT	Calculation Item Table	CHECK	Data check
		GENERATE	Generate
/IRM/GPT	Price Type	CHANGE	Change
		CHECK	Check
		CREATE	Create
		MAT_UPLOAD	Materials Upload from File
/IRM/GPXR	Partner Cross-Reference	DOWNLOAD	Download
		READ	Read Records
		UPLOAD	Upload from File
/IRM/GRCA	Transaction	CHANGE	Change

		CHECK	Check
		CREATE	Create
		DELETE	Delete
		EXECUTE	Auto Corrections
		ITEM_UPL	Upload Items from File
		POST	Post
		STAT_LOAD	Statistics Load
/IRM/GRPMAT	Reported Material maintenance	READ	Read Records
		UPLOAD	Upload from File
/IRM/GSTAT	Status	STATUS	Status
/IRM/GTD	Team Department	CHANGE	Change
/IRM/GTP	Templates	CHECK	Check for Clauses in Templates
		SAVE	Save the Templates
/IRM/GUXR	Unit of Measure Cross-Reference	DOWNLOAD	Download
		READ	Read Records
		UPLOAD	Upload from File
/IRM/GVNL	Vendor List	CHANGE	Change
		CHECK	Check
		CREATE	Create
		RELEASE	Release
		SAVE	Save
		VND_UPLOAD	Upload Customers/Customer Catg. from File
/IRM/GWP	Web Portal	CHANGE	Change
		USR_ASSIGN	User Assignment
		WORKSPACE	Workspace
/IRM/GWPWS	Portal and Workspace	WORKSPACE	Workspace
/IRM/AC	Activities	No log found in the database	
/IRM/CONDX	Conditions maintenance in EXCEL	No log found in the database	
/IRM/GAS	Aspect Sheets	No log found in the database	
/IRM/IPGPUP	Billing Documents Partners Update	No log found in the database	
/IRM/IPRO	Roster	No log found in the database	

13.4 Business Continuity and Availability

The term business continuity covers all activities performed by system administrators to ensure that critical business functions are available to system users. Strategies for high availability are a subset of business continuity activities, but business continuity is not limited to high availability. Other activities that relate to business continuity include:

- System backup and archiving
- System updates with minimum downtime

SAP uses the standard ABAP Platform functions for high availability and business continuity. SAP solution extensions by Vistex are embedded SAP Add-On solutions, therefore, utilize standard SAP mechanism. Please refer to chapter 5 of the standard SAP Operations Guide for more information found at [SAP Help Portal](#).

14 Software Change Management

This section provides information about how to deploy software changes for your software components. Software change management standardizes and automates software distribution, maintenance, and testing procedures for complex software landscapes and multiple software development platforms.

14.1 Software Maintenance

Software Change Management standardizes and automates software distribution, maintenance, and testing procedures for complex software landscapes and multiple software development platforms. These functions support your project teams, development teams, and application support teams.

SAP solution extensions by Vistex Add-Ons installation packages are available at the software download web site [SAP Support Portal Home](#). This note will be periodically updated with future Support Packs.

14.2 Release and Upgrade Management

Refer to listed SAP notes in chapter 6. The SAP notes are periodically updated.

14.2.1 SAP Release Upgrade

Upgrading to Release 6.2 is only possible from Release 6.0E and Release 6.1.

15 Troubleshooting

15.1 SAP Incentive Administration or SAP Paybacks and Chargebacks by Vistex (IA or PC)

Please refer to standard SAP Operations Guide found at [SAP Help Portal](#) for troubleshooting. Notes on [SAP Support Portal Home](#) are also used for specific troubleshooting issues and resolutions. If there are issues when installing solutions by Vistex make sure the file size that is being installed matches the file size on [SAP Support Portal Home](#). Security on some networks will not allow for a full download and will truncate the files. Also, if copying the files from a PC to an application server, make sure it is done in "BINARY" mode.

If there are issues when installing SAP Incentive Administration by Vistex or SAP Paybacks and Chargebacks by Vistex, make sure the file size that is being installed matches the file size on [SAP Help Portal](#). Security on some networks will not allow for a full download and will truncate the files. Also, if copying the files from a PC to an application server, make sure it is done in "BINARY" mode.

Below are some known tips.

Issue: Transaction code does not exist

Cause: SAP does not recognize "/IRM" as the start of a transaction code.

Troubleshooting: All Vistex transaction codes need to have "/N" or "/O" before the transaction code when entering it in the toolbar. It is not needed when entering the transaction code in the user menu as a favorite.

Issue: An IP Bucket cannot be accrued, or it is accrued to the wrong account.

Cause: Configuration is not set up correctly.

Troubleshooting: Have a system analyst or administrator check the configuration settings in the Vistex IMG in transaction code /IRM/IPSPRO. Once in the transaction code, make sure that there is an accrual profile or that it is the correct one for the applicable IP Bucket type and source document, sales organization, and partner type combination. The accrual profile can be created and/or updated in the Vistex IMG in transaction code /IRM/IPSPRO in menu path Accrual and Settlement>Define Accrual Profile.

Issue: An IP Bucket cannot be settled, or it is settled to the wrong account.

Cause: The document has not been fully accrued or reconciled or configuration is not set up correctly.

Troubleshooting: An IP Bucket cannot be settled if the accrual amount does not match the net value. Check to see if the two values match. If they do not, accrue the Bucket again through a batch job or within the workbench and the old accrual will be reversed and the new one with the current net value will be created. If the Bucket will still not settle, check the

Terms/Settlement tab in the Settlement Method field or by reviewing the settlement parameters for the partner (transaction code /IRM/IPxxCSP for customers, /IRM/IPxxVSP for vendors, and /IRM/IPxxESP for employees). If it still does not settle or is the wrong account, have a system analyst or administrator check the configuration settings in the Vistex IMG in transaction code /IRM/IPSPRO to make sure that there is a settlement profile or that it is the correct one for the applicable IP Bucket type and source document, sales organization, and partner type combination. The settlement profile can be created and/or updated in the Vistex IMG in transaction code /IRM/IPSPRO in menu path Accrual and Settlement>Define Settlement Profile.

15.2 SAP Data Management for ERP by Vistex (DMp and DMr)

Please refer to chapter 8 in the standard SAP Operations Guide found at [SAP Help Portal](#) for troubleshooting. Notes on [SAP Support Portal Home](#) are also used for specific troubleshooting issues and resolutions. If there are issues when installing solutions by Vistex make sure the file size that is being installed matches the file size on [SAP Support Portal Home](#). Security on some networks will not allow for a full download and will truncate the files. Also, if copying the files from a PC to an application server, make sure it is done in "BINARY" mode.

If there are issues when installing SAP Data Maintenance by Vistex (DMp and DMr), make sure the file size that is being installed matches the file size on [SAP Help Portal](#). Security on some networks will not allow for a full download and will truncate the files. Also, if copying the files from a PC to an application server, make sure it is done in "BINARY" mode.

Below are some known tips.

Issue: Material will not post.

Cause: A required field is not filled in or an invalid value has been entered.

Troubleshooting: Try to create the material in the standard SAP material create transaction (MM01) with the same data minus the Data Maintenance fields. If a required field does not have data, that attribute will need to be added to an available attribute group or a new attribute group which is then associated with the product type in Data Maintenance. If an invalid value is entered, the value needs to be excluded from the applicable attribute available values or the attribute will need to reference the correct table to provide a list of values during entry.

Issue: Customer will not post.

Cause: A required field is not filled in or an invalid value has been entered.

Troubleshooting: Try to create the customer in the standard SAP customer create transaction (XD01) with the same data minus the Data Maintenance fields. If a required field does not have data, that attribute will need to be added to an available attribute group or a new attribute group which is then associated with the product type in Data Maintenance. If an invalid value is entered, the value needs to be excluded from the applicable attribute available values or the attribute will need to reference the correct table to provide a list of values during entry.

Issue: Vendor will not post.

Cause: A required field is not filled in or an invalid value has been entered.

Troubleshooting: Try to create the vendor in the standard SAP vendor create transaction (XK01) with the same data minus the Data Maintenance fields. If a required field does not have data, that attribute will need to be added to an available attribute group or a new attribute group which is then associated with the product type in Data Maintenance. If an invalid value is entered, the value needs to be excluded from the applicable attribute available values or the attribute will need to reference the correct table to provide a list of values during entry.

Issue: A pricing record will not save.

Cause: A required field is not filled in or an invalid value has been entered.

Troubleshooting: Try to create the condition record in the standard SAP condition record create transaction (VK11) with the same data minus the Data Maintenance fields. If a required field does not have data, the field may be missing from the layout and will need to be added. If an invalid value is entered, the correct value should be added, or the defaults may need to be changed.

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