



SYNACTIVE

WEBINAR: Introducing NEW GuiXT Plant Maintenance (PM) and Material Management (MM) Solutions

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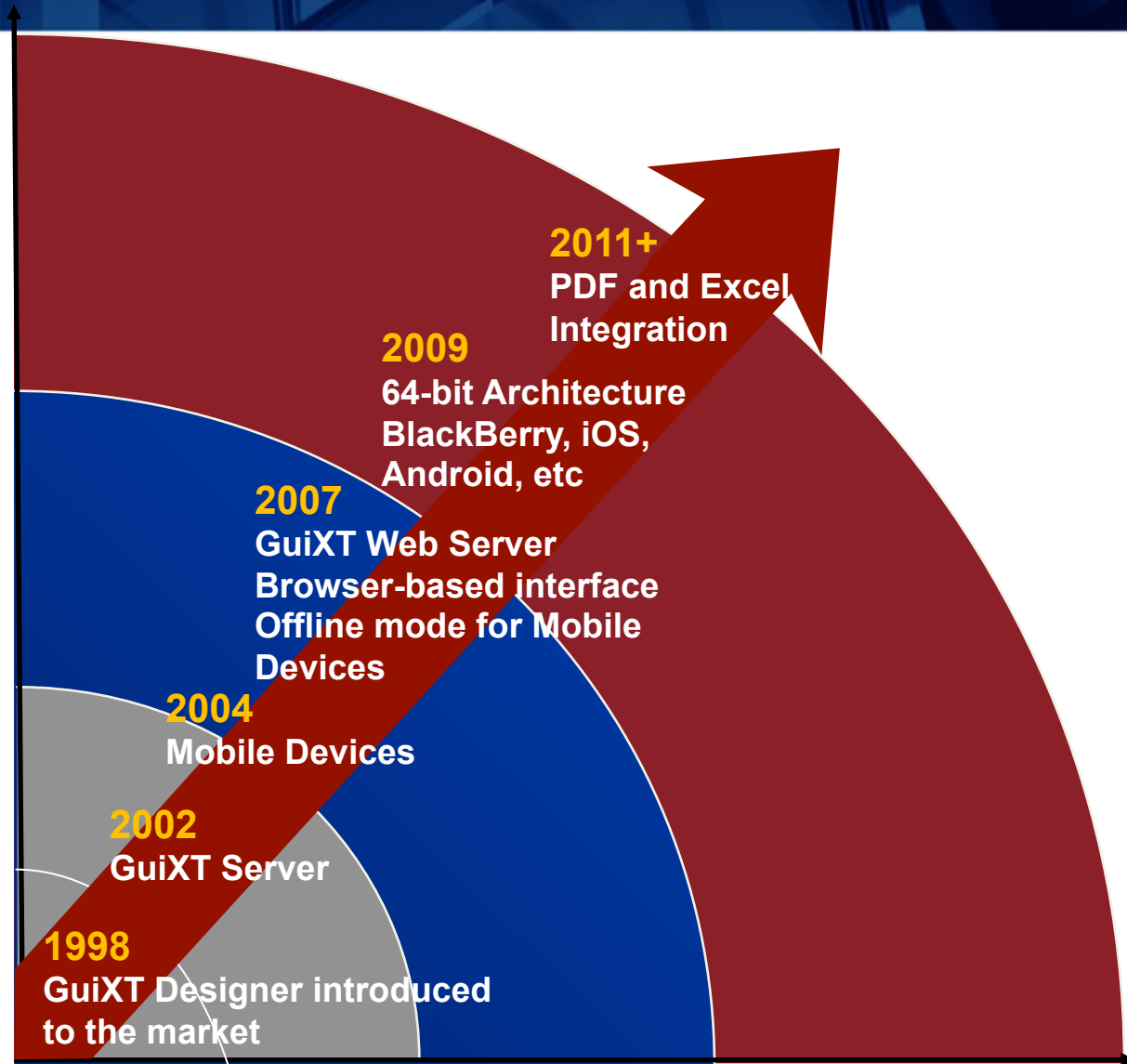
Agenda

- **Synactive Company Overview**
 - Market drivers and business issues
 - GuiXT Product Overview
- **Plant Maintenance Solutions**
 - Planning and Scheduling Console
 - Plant Maintenance Optimization Package
- **Material Management Solutions**
 - Material Management Optimization Package
 - Material Management Decision Making Console
- **Summary**
 - Q&A

Synactive At A Glance



- Founded by
 - Thomas Ewe (developed JavaGui in SAP Labs)
 - Dr. Gerhard Rodé (Initiated and developed ABAP in SAP AG)
- GuiXT packaged with SAP since 1998
- GuiXT has SAP-certified integration with SAP NetWeaver
- 900+ Customers / Thousands of Users
- In use by SAP Solution Engineers



Breadth of Customers

Over 900 Customers Across Multiple Industries



Mercedes-Benz



Royal Canadian Mounted Police



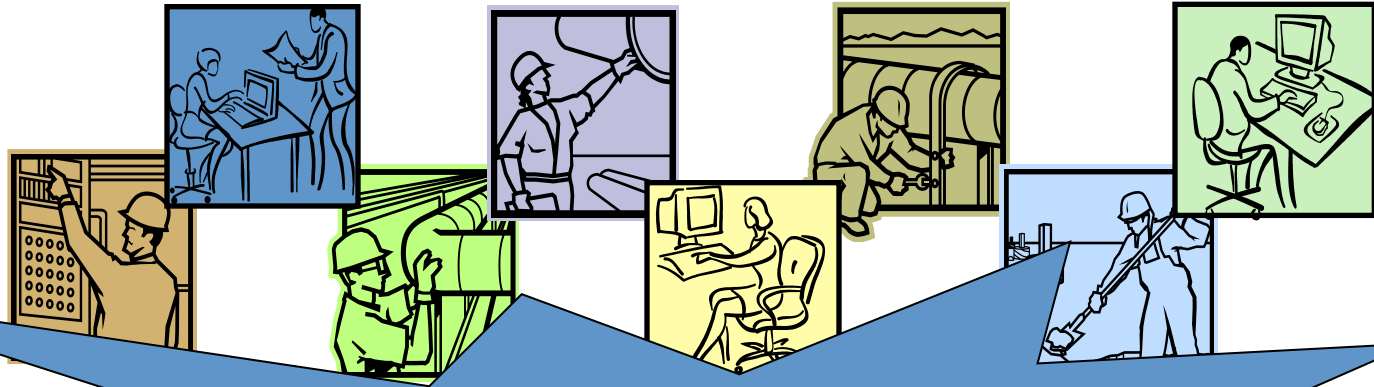
THOMSON REUTERS



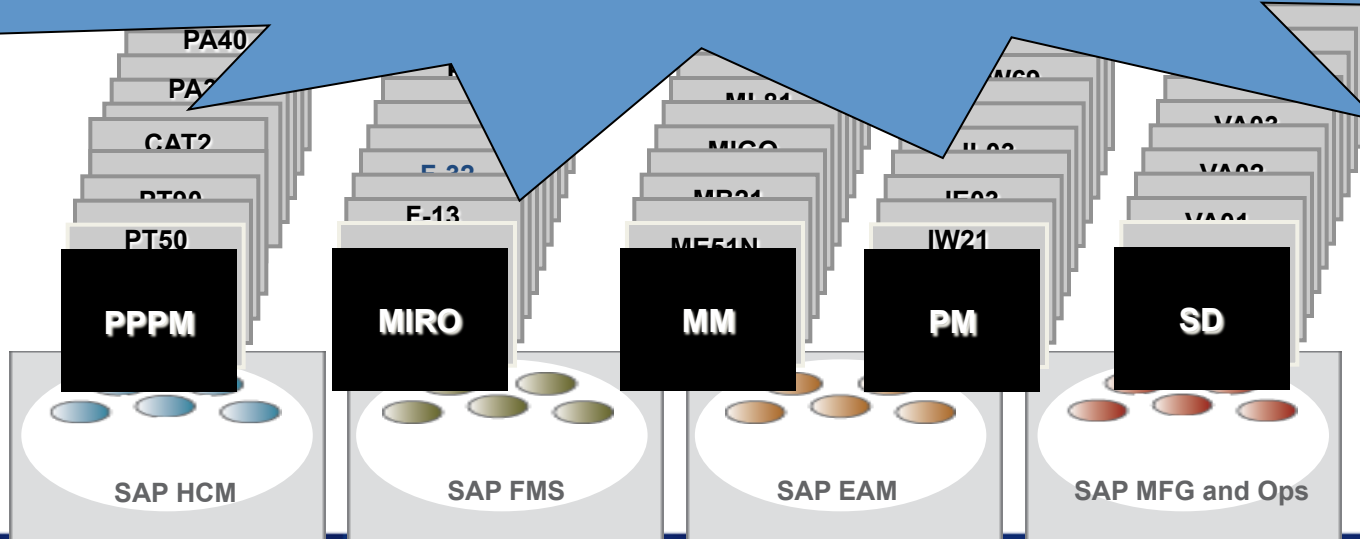
Poll Question #1: What is your role in the organization?

- Process owner or line-of-business manager
- IT Developer, Architect
- Senior Management (not CIO)
- CIO or IT Executive
- Other

Business Issues

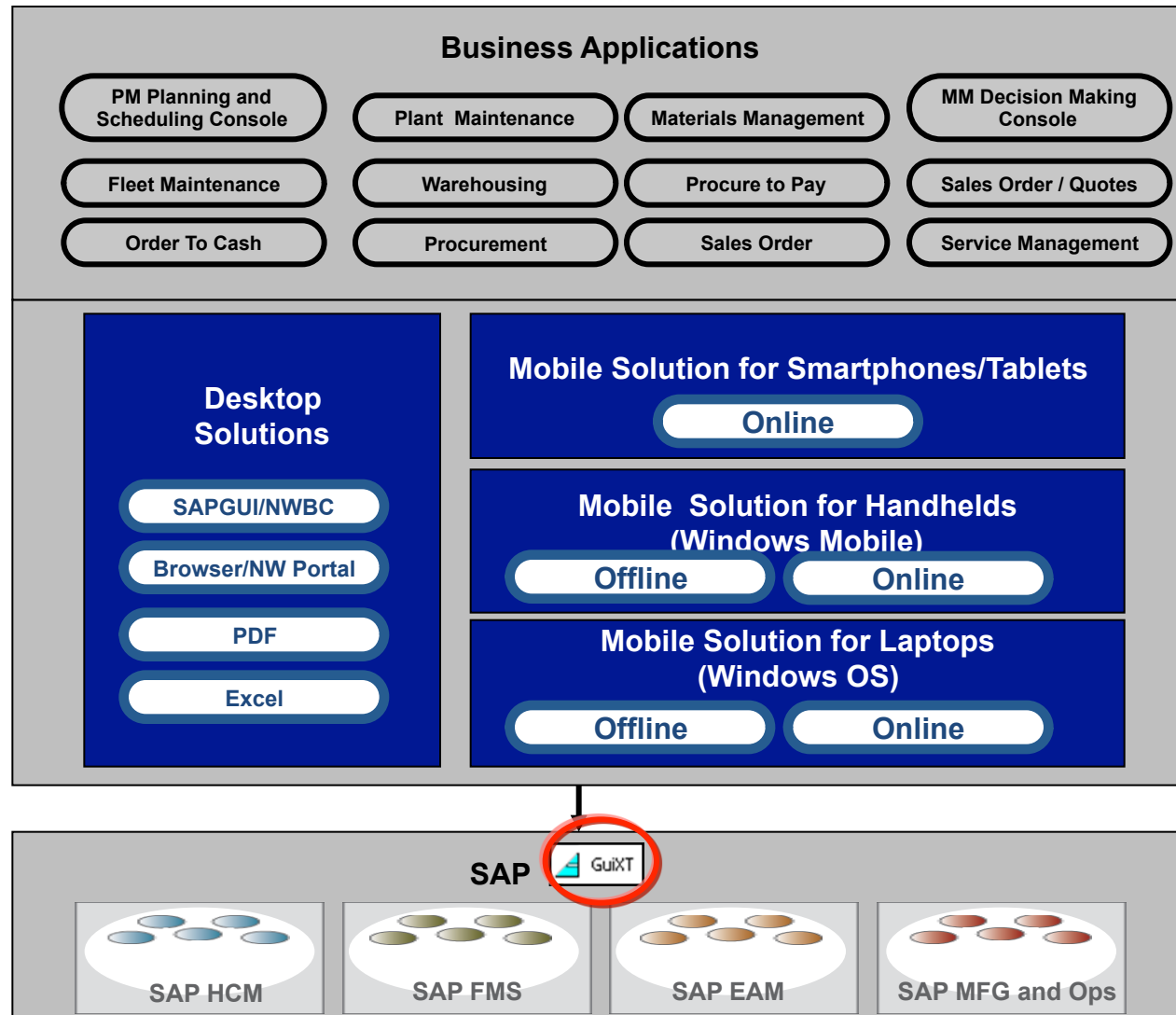


Non-Intuitive interface leads to user errors, data integrity issues, user adoption issues and additional training requirements!



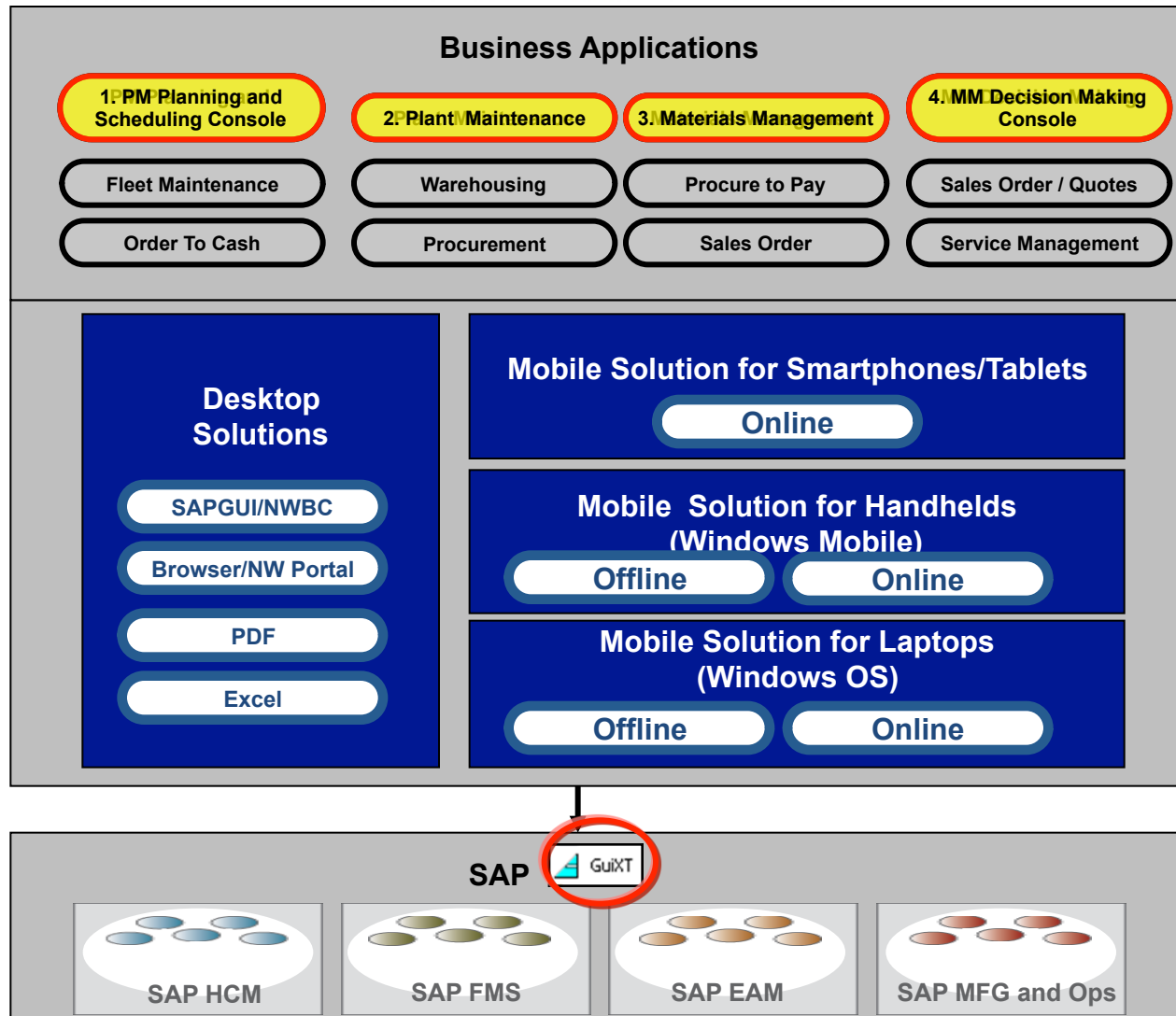
GuiXT Solutions

Developer Toolkit



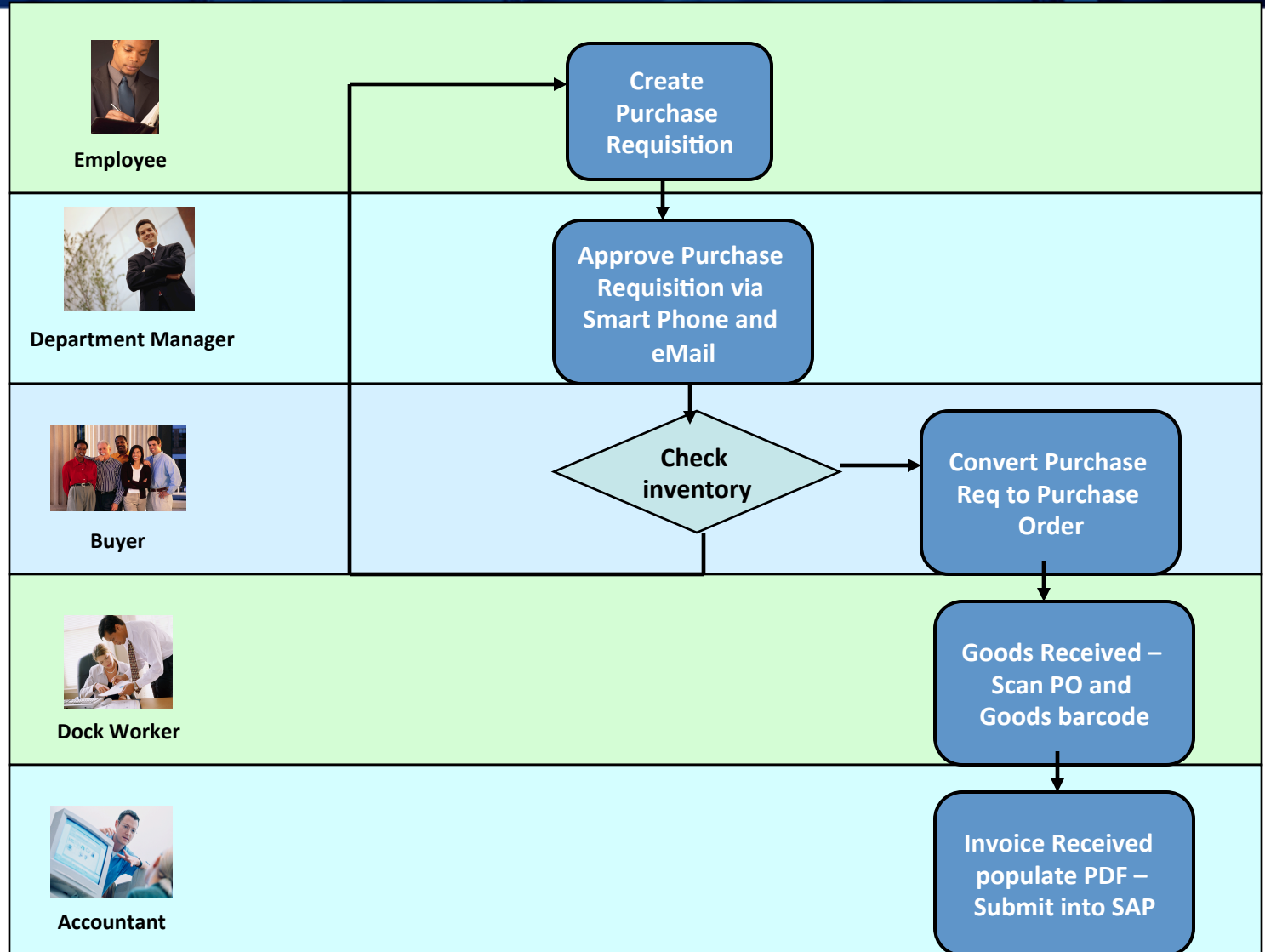
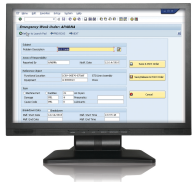
GuiXT Solutions

Developer Toolkit



360° User-Friendly SAP Experience

Purchase Requisition Example



SAPGUI User-Friendly Interface

Purchase Requisition Example (from 7 screens to 1!)

Purchase requisition Edit Goto Environment System Help

Create Purchase Requisition

Document overview on Go Back To Procurement Menu Create Overview Save Other Requisition Use Standard Transaction

Purchase requisition For Save, Click *SAVE* For Overview, Click *OVERVIEW*

Details [10] [Item 1 of 1]

Cost Center Project Asset AE Parts New Item

AE Part Number If not purchasing a AE Material, only enter item description

Item Description GuixT Test

Quantity 2 Unit of Measure Each Lb Box Inches Feet Gallons Hours

Plant / Stor. Loc. UP01 / Purch. Group 22

Delivery Date 07/08/2004 Material Group MISC Delete Item

Approving Cost Center 202000 Price/Per 55000 USD / 1

Recipient U Desat Building Building 1 Goods receipt Reason for Requisition

Fixed Vendor Desired Vendor *REQUISITION REASON REQUIRED*

CapEx Number

G/L Account Number [Item 1 of 1]

Gen. Consum. 70000 Management consultant Software Minor Equipment Test fixtures

Gen. Consum. 70200 Business Travel Coffee/Tea Books & Subscriptions

Office Supplies Meals & Entertainment Seminars Other Outside Service

Training Matls Supp Mileage Reimbursement Postage Membership Dues

Reason For Purchase Requisition [Item 1]

Item Texts A. Needed for project...

Reason needed Vendor/ delivery info Delivery text Material PO text

ME51N oucs30dv OVR

Smartphone/Tablet User-Friendly Interface

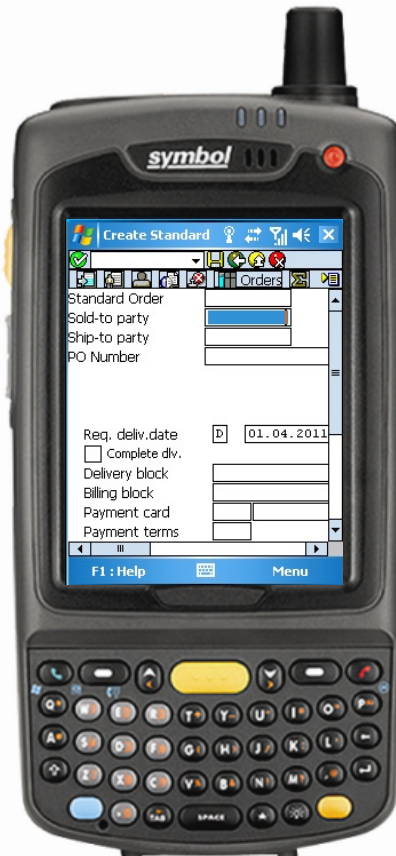
Purchase Requisition Example



Netweaver Business Client Integration



Windows Handheld User-Friendly Interface



PDF and Excel User-Friendly Interface

Purchase Requisition Example

www.guixt.com

Invoice

Information

Microsoft Excel - va01_socreate.xls

File Edit View Insert Format Tools Data Window Help

100% Arial 10 B I U

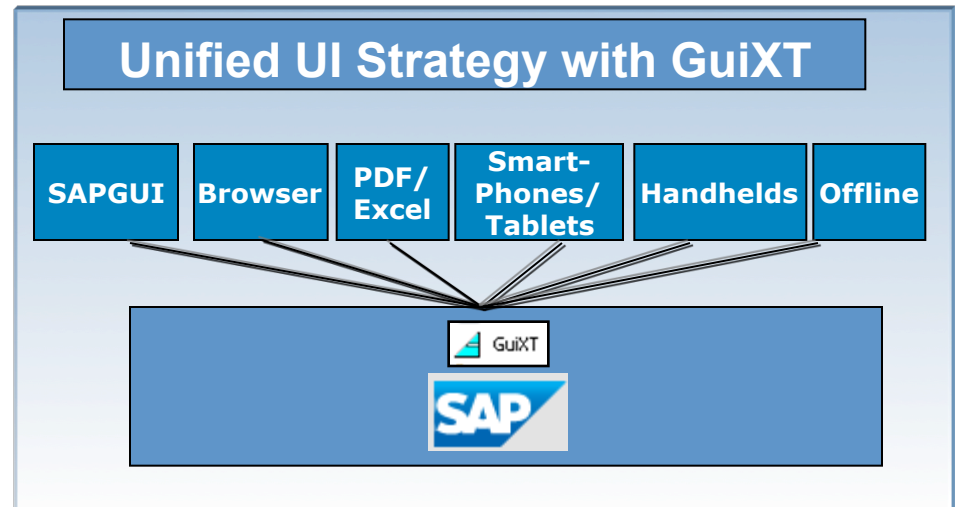
E4 fx xx

	A	B	C	D	E	F	G	H	I	J
PO Number										
Invoice										
Vendor Number										
Currency										
Payment Terms										
Reference										
Payment Method										
<input type="radio"/> Credit										
<input checked="" type="radio"/> Check										
1	Message	Order Type	Sales Organization	Distribution Channel	Division	PO Number	PO date	Sold-to party	All items, Material	All items, Order Quantity
2	Standard Order 15534 has been saved	OR	1000	10	00	test	30.11.2011	1460	T-BW03-08	1
3									T-BW03-05	1
4	Processing ...	OR	1000	10	xx	test2	29.11.2011	10308	T-BW03-08	2
5										

360° User-Friendly SAP Experience

Turn IT Into A Business Driver!

- **Direct connection to SAP to leverage all SAP security, authorizations and validations**
 - No recoding or reproducing data outside of SAP
- **No 3rd party application server required**
 - Reduce the heavy burden of Bloatware
- **Start from SAP and use Javascript to change the front-end**
 - Rapid ROI
 - Implement the capabilities you need now; then add more as your requirements grow over time



Bridge the gap between the Business and IT
Quick Wins, Strategic Advantage

Poll Question #2: Do you have the SAP Plant Maintenance Module?

- Yes, my organization has the SAP PM Module
- We do not have the SAP PM Module

Poll Question #3: Do you have the SAP Material Management Module?

- Yes, my organization has the SAP MM Module
- We do not have the SAP MM Module

Plant Maintenance Planning and Scheduling Console

Easily monitor and manage all work orders from one screen

Challenges

- *Preventative maintenance process inefficiencies as planners were overwhelmed with corrective maintenance scheduling and rescheduling.*
- *Complex SAP screens caused user errors and data integrity issues*
- *No centralized view for management to gain insight into the company's overall operations*
- *Cluttered screens reduced productivity trying to complete daily tasks including printing work order and changing statuses for individual work orders.*








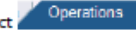

Planners and Schedulers have everything they need on one screen, instead of using Quick Reference Cards for the multiple screens and countless hours required to navigate native SAP PM gathering data on multiple work orders.

With approximately 8,000 work orders in various stages, an average of 5 mins per work order was reduced to 30 secs, increasing productivity by 90%.

Steps Required by Planners and Schedulers before using GuiXT

Plant Maintenance Quick Reference Card **Change Work Order by Operations List (IW37N)**

Process
Use this procedure to search for maintenance orders by various criteria. Supervisors and work request center clerks would use this transaction to find a group of maintenance orders that meet the required criteria.
Getting Started
 <input type="text"/> In the command field, enter the Transaction Code IW37N and click 

Field	Follow these steps
Order Status	Select In Process (REL) to change Work order operations within a Release Work Order.
Order Type	Enter appropriate order type. Example: 18
Functional location	Enter appropriate functional location. Use the drop down button on the functional location field to select appropriate function. (Note: In order to view all work orders in the desired building you must put the next number in the "to" field, even if it does not exist. If not the system will only show work orders written at the building level.)
Work Center	Enter appropriate work center. Example: Zone3
Plant	4000 (defaults)
Planner group	Enter appropriate planner group. Example: 243
Period	Enter in date or date range
Execute search	Click  to execute the search
Select work order(s)	Click  on the far left side to select one or more work orders from the listing
	Click  to view the work order details
Operations tab	Select  tab to change work centers and to add tasks to the work order
Work ctr column	Change the current work center or add more tasks
Operations short text	Enter a short description of the work to be completed by this work center
Save your changes	Click  to save your changes

Other transactions:

- IR02 (change work center)
- IW38 (displays a listing of service and maintenance orders that satisfy a search criteria)
- IW32 (change work order)
- IW33 (see details of the PM Work Order)

Order Matrix and Details table

System Help

Supervisor

Planner Scheduler Reset Search

SEARCH MY ORDERS

Func.Locations

IH01

IH03

Orders & Oper.

Orders

IW38

Operations

IW37N

Order Confr.

IW41

Task Lists

IA08

IA10

SCHEDULE

CM25

CM01

IR02

REPORTS

Reports

MY ORDERS

PRIORITY

	P1	P2	P3	P4	P5	Total
All Orders	2	18	9	3	0	32
AWAP	0	3	1	1	0	5
RSCH	0	2	0	0	0	2
RDSP	0	1	1	0	0	2
DSPT	0	0	1	0	0	1
Overdue	0	1	0	0	0	1
Pastdue	2	18	3	1	0	24
PCNF	0	1	1	0	0	2
CNF	0	2	2	0	0	4

Func. Loc. Order type

Main Wk Ctr Oper. Wk Ctr

Start. Date Finish. Date

Update Search

Orders

Order No	Description	Pri...	Func. Loc	Status	Type	Sys.	St.Date.	Fn.Date	Sel.
100003434	Test M1	3	EFG0-CPFB...	PLIP	PM01	CRTD...	04/05/2012	04/05/2012	
100003435	MR - GuiXT #3 from ...	2	EFG0-CPFB...	RSCH	PM01	REL ...	03/28/2012	03/28/2012	
100003436	UD - Sample Mainten...	4	EFPL-FOR0...	PLIP	PM01	CRTD...	04/26/2012	04/26/2012	
100003437	UD - Sample Mainten...	3	EFKE-CPF7...	AWAP	PM01	CRTD...	04/10/2012	04/10/2012	
100003438	MR GuiXT #2	2	EFG0-CPFB...	PLIP	PM01	CRTD...	03/28/2012	03/28/2012	
100003441	MR GuiXT #5	2	EFG0-CPFB...	AWAP	PM01	CRTD...	03/28/2012	03/28/2012	
100003442	MR GuiXT #3	2	EFG0-CPFB...	PLIP	PM01	CRTD...	03/28/2012	03/28/2012	
100003521	Final test for ENH...	4	EFG0-EV10...	RJCT	PM01	CRTD...	06/11/2012	08/23/2012	
200010223	Pumpjack failure te...	2	EFKE-74R0...	INIT	PM02	REL ...	03/27/2012	03/29/2012	
200010224	Motor stopped runni...	2	EFKE-74R0...	PLIP	PM02	CRTD...	03/27/2012	03/29/2012	
200010225	Well-head separator...	3	EFKE-OBK0...	PLIP	PM02	CRTD...	04/09/2012	05/25/2012	
200010226	Pump jack noise	3	EFKE-74R0...	PLIP	PM02	CRTD...	04/09/2012	05/25/2012	
200010227	Test 1234	3	EFKE-CPF7...	PLIP	PM02	CRTD...	04/05/2012	05/21/2012	
200010228	Pump jack leaking t...	2	EFKE-74R0...	PLIP	PM02	REL ...	03/28/2012	03/30/2012	
200010229	Pump jack leaking	2	EFKE-74R0...	PLIP	PM02	CRTD...	03/28/2012	03/30/2012	
200010230	Malfr: GuiXT #1	2	EFG0-BHT0...	PLIP	PM02	CRTD...	03/28/2012	03/30/2012	
200010232	M2 GuiXT Test #4	1	EFG0-CPFB...	PLIP	PM02	CRTD...	03/27/2012	03/28/2012	
200010233	M2 GuiXT Test #2	1	EFG0-CPFB...	PLIP	PM02	CRTD...	03/27/2012	03/28/2012	
200010234	Pump jack leaking	2	EFKE-74R0...	PLIP	PM02	CRTD...	03/29/2012	03/31/2012	
200010235	Pump jack leaking p...	3	EFKE-74R0...	PLIP	PM02	CRTD...	04/11/2012	05/27/2012	
200010236	Test order	3	EFKE-LGH0...	DSPT	PM02	REL ...	04/11/2012	06/21/2012	
200010237	Pump jack leaking d...	2	EFKE-74R0...	PLIP	PM02	CRTD...	03/29/2012	03/31/2012	

SAP

Synactive GuiXT

ZMPMI050 moh8007e INS

Start

Internet Explorer

My Computer P997...

3 SAP Logon for...

Synactive GuiXT

5 Notepad

5:47 PM

Operations, Components and Cost table display (IW33)

The screenshot displays the SAP IW33 Supervisor interface. The left sidebar contains navigation menus for 'Func. Locations', 'Orders & Oper.', 'Task Lists', 'SCHEDULE', and 'REPORTS'. The main area is divided into several sections:

- MY ORDERS**: A table showing order priorities (P1 to P5) and a total count.
- Orders**: A table listing orders with columns for Order No, Description, Priority, Function Location, Status, Type, System, Start Date, and End Date.
- Operations - 100003442**: A table showing operation details for a specific order.
- Components - 100003442**: A table showing component details for a specific order.
- Cost - 100003442**: A table showing cost details for a specific order.

The bottom status bar indicates 'No material components are allocated to the order' and shows the SAP logo. The taskbar at the bottom includes the Start button and several open applications: Internet Explorer, SAP Logon, Synactive GuiXT, Notepad, and Microsoft PowerPoint.

	P1	P2	P3	P4	P5	Total
All Orders	2	18	9	3	0	32
AWAP	0	3	1	1	0	5
RSCH	0	2	0	0	0	2
RDSP	0	1	1	0	0	2
DSPT	0	0	1	0	0	1
Overdue	0	1	0	0	0	1
Pastdue	2	18	3	1	0	24
PCNF	0	1	1	0	0	2
CNF	0	2	2	0	0	4

Order No	Description	Pri...	Func. Loc	Status	Type	Sys.	St.Date.	Fn.Date	Sel.
100003434	Test M1	3	EFG0-CPFB...	PLIP	PM01	CRTD...	04/05/2012	04/05/2012	
100003435	MR - GuiXT #3 from ...	2	EFG0-CPFB...	RSCH	PM01	REL ...	03/28/2012	03/28/2012	
100003436	UD - Sample Mainten...	4	EFPL-FOR0...	PLIP	PM01	CRTD...	04/26/2012	04/26/2012	
100003437	UD - Sample Mainten...	3	EFKE-CPF7...	AWAP	PM01	CRTD...	04/10/2012	04/10/2012	
100003438	MR GuiXT #2	2	EFG0-CPFB...	PLIP	PM01	CRTD...	03/28/2012	03/28/2012	
100003441	MR GuiXT #5	2	EFG0-CPFB...	AWAP	PM01	CRTD...	03/28/2012	03/28/2012	
100003442	MR GuiXT #3	2	EFG0-CPFB...	PLIP	PM01	CRTD...	03/28/2012	03/28/2012	

Oper. Acti...	Description	Work Ctr	Work	Duration	Number
0010	MR GuiXT #3	GENTRADE	0,0	0,0	0

Components	Description	Quantity	UM	S...
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Estimated Costs	Planned Costs	Actual Costs	Currency
0,00	0,00	0,00	USD
0,00	0,00	0,00	USD

Capacity display and update

The screenshot displays the SAP Supervisor interface, which is used for managing maintenance orders and capacity. The interface is divided into several sections:

- SEARCH:** Contains filters for Func. Locations (IH01, IH03), Orders & Oper. (IW38, IW37N, IW41), and Task Lists (IA08, IA10).
- MY ORDERS:** A table showing the priority distribution of orders. The table has columns for P1, P2, P3, P4, P5, and Total. The data is as follows:

	P1	P2	P3	P4	P5	Total
All Orders	2	18	9	3	0	32
AWAP	0	3	1	1	0	5
RSCH	0	2	0	0	0	2
RDSP	0	1	1	0	0	2
DSPT	0	0	1	0	0	1
Overdue	0	1	0	0	0	1
Pastdue	2	18	3	1	0	24
PCNF	0	1	1	0	0	2
CNF	0	2	2	0	0	4
- SCHEDULE:** Shows the available capacity for the selected order type (ELECTRIC). It includes fields for Fac. cal. ID (US), Active. ver. (2), and Buom. (MIN). The standard available capacity is displayed as 14:12:33 to 15:12:43.
- REPORTS:** A section for generating reports.
- Orders:** A table listing maintenance orders with columns for Order No, Description, Pri..., Func. Loc, Status, Type, Sys., St.Date., Fn.Date, and Sel. The data is as follows:

Order No	Description	Pri...	Func. Loc	Status	Type	Sys.	St.Date.	Fn.Date	Sel.
200010224	Motor stopped runni...	2	EFKE-74R0...	PLIP	PM02	CRTD...	03/27/2012	03/29/2012	
200010225	Well-head separator...	3	EFKE-0BK0...	PLIP	PM02	CRTD...	04/09/2012	05/25/2012	
200010226	Pump jack noise	3	EFKE-74R0...	PLIP	PM02	CRTD...	04/09/2012	05/25/2012	
200010227	Test 1234	3	EFKE-CPF7...	PLIP	PM02	CRTD...	04/05/2012	05/21/2012	
200010228	Pump jack leaking t...	2	EFKE-74R0...	PLIP	PM02	REL	03/28/2012	03/30/2012	
200010229	Pump jack leaking	2	EFKE-74R0...	PLIP	PM02	CRTD...	03/28/2012	03/30/2012	
200010230	MalfR: GuiXT #1	2	EFG0-BHT0...	PLIP	PM02	CRTD...	03/28/2012	03/30/2012	
- Operations - 200010229:** A table showing the work center, work, duration, and number for the selected order. The data is as follows:

Oper. Acti...	Description	Work Ctr	Work	Duration	Number
0010	Tighten flange	GENTRADE	4,0	2,0	2
- Components - 200010229:** A table showing the components, description, quantity, and unit of measure for the selected order. The data is as follows:

Components	Description	Quantity	UM	S...
------------	-------------	----------	----	------
- Cost - 200010229:** A table showing the estimated costs, planned costs, actual costs, and currency for the selected order. The data is as follows:

Estimated Costs	Planned Costs	Actual Costs	Currency
0,00	0,00	0,00	USD
0,00	0,00	0,00	USD

The interface also includes a status bar at the bottom showing the SAP logo, user information (ZMPMI050, moh8007e, INS), and the time (5:24 PM).

Order details for selected filter (Scheduler View)

System Help

Scheduler

Planner Supervisor Reset Search

SEARCH

Func.Locations

- IH01
- IH03

Orders & Oper.

- Orders
- IW38
- Operations
- IW37N
- Revisions
- OIOB

Task Lists

- IA08
- IA10

SCHEDULE

- CM25
- CM01

REPORTS

Materials

- MMBE
- MD04
- MRS1
- ME23N
- ZMMMR320
- ZMMMR330
- ZMMSEAR...

Permits

- IPM2
- ZWP3
- ZWP4
- ZWP5
- ZWP6

MY ORDERS

	P1	P2	P3	P4	P5	Total
All Orders	2	18	9	3	0	32
RSCH	0	2	0	0	0	2
RDSP	0	1	1	0	0	2
DSPT	0	0	1	0	0	1
Overdue	0	1	0	0	0	1
Pastdue	2	18	3	1	0	24
PCNF	0	1	1	0	0	2

Func. Loc.

Main Wk Ctr

Oper. Wk Ctr

Start. Date

Order type

Finish. Date

Update Search

Orders

Order No	Description	Pri...	Func. Loc	Status	Type	Sys.	St.Date.	Fn.Date	Sel.
100003435	MR - GuiXT #3 from	2	EFG0-CPFB...	RSCH	PM01	REL	03/28/2012	03/28/2012	
100003438	MR GuiXT #2	2	EFG0-CPFB...	PLIP	PM01	CRTD	03/28/2012	03/28/2012	
100003441	MR GuiXT #5	2	EFG0-CPFB...	AWAP	PM01	CRTD	03/28/2012	03/28/2012	
100003442	MR GuiXT #3	2	EFG0-CPFB...	PLIP	PM01	CRTD	03/28/2012	03/28/2012	
200010223	Pumpjack failure te...	2	EFKE-74R0...	INIT	PM02	REL	03/27/2012	03/29/2012	
200010224	Motor stopped runni...	2	EFKE-74R0...	PLIP	PM02	CRTD	03/27/2012	03/29/2012	
200010228	Pump jack leaking t...	2	EFKE-74R0...	PLIP	PM02	REL	03/28/2012	03/30/2012	
200010229	Pump jack leaking	2	EFKE-74R0...	PLIP	PM02	CRTD	03/28/2012	03/30/2012	
200010230	Malfr: GuiXT #1	2	EFG0-BHT0...	PLIP	PM02	CRTD	03/28/2012	03/30/2012	
200010234	Pump jack leaking	2	EFKE-74R0...	PLIP	PM02	CRTD	03/29/2012	03/31/2012	
200010237	Pump jack leaking d...	2	EFKE-74R0...	PLIP	PM02	CRTD	03/29/2012	03/31/2012	
200010302	test	2	EFPL	PLIP	PM02	CRTD	05/01/2012	05/03/2012	
200010303	Test settlement	2	EFKE-001	AWAP	PM02	CRTD	05/03/2012	05/05/2012	
200010304	Test settlement	2	EFKE-001	RSCH	PM02	REL	06/06/2010	00/00/0000	
200010341	test 456	2	USEF	PLIP	PM02	CRTD	05/01/2012	05/03/2012	
200010366	Pre Advisory Group	2	EFKE-EV20...	AWAP	PM02	CRTD	05/16/2012	05/18/2012	
300038584	Atm storage tank in...	1	EFKE-74R0...	PLIP	PM03	REL	03/26/2012	03/26/2012	
300038586	Pumpjack inspection	3	EFKE-74R0...	RDSP	PM03	REL	03/26/2012	03/26/2012	

SAP

ZMPMI040 moh8007e INS

Start 2 Internet Ex... My Computer P... 3 SAP Logon... Synactive GuiXT 6 Notepad Microsoft Powe... 5:51 PM

Order details based on additional filters

The screenshot displays the SAP Scheduler interface. The top menu bar includes 'System' and 'Help'. Below the menu is a toolbar with various icons. The main window is titled 'Scheduler' and contains several sections:

- SEARCH**: Includes 'Func. Locations' (IH01, IH03), 'Orders & Oper.' (IW38, IW37N, OIOB), 'Task Lists' (IA08, IA10), and 'SCHEDULE' (CM25, CM01).
- MY ORDERS**: A table showing order details with columns for 'PRIORITY' (P1, P2, P3, P4, P5) and 'Total'. The table is filtered by 'All Orders' and 'RSCH'.
- REPORTS**: Includes 'Materials' (MMBE, MD04, MRS1) and 'Permits' (IPM2, ZWP3, ZWP4, ZWP5, ZWP6).
- Orders**: A table showing order details with columns for 'Order No', 'Description', 'Pri...', 'Func. Loc', 'Status', 'Type', 'Sys.', 'St.Date', 'Fn.Date', and 'Sel.'. The table is filtered by 'All Orders' and 'RSCH'.

The 'MY ORDERS' table shows the following data:

	P1	P2	P3	P4	P5	Total
All Orders	2	4	0	0	0	6
RSCH	0	1	0	0	0	1
RDSP	0	0	0	0	0	0
DSPT	0	0	0	0	0	0
Overdue	0	0	0	0	0	0
Pastdue	2	4	0	0	0	6
PCNF	0	0	0	0	0	0

The 'Orders' table shows the following data:

Order No	Description	Pri...	Func. Loc	Status	Type	Sys.	St.Date	Fn.Date	Sel.
100003435	MR - GuiXT #3 from ...	2	EFG0-CPFB...	RSCH	PM01	REL	03/28/2012	03/28/2012	
100003438	MR GuiXT #2	2	EFG0-CPFB...	PLIP	PM01	CRTD	03/28/2012	03/28/2012	
100003441	MR GuiXT #5	2	EFG0-CPFB...	AWAP	PM01	CRTD	03/28/2012	03/28/2012	
100003442	MR GuiXT #3	2	EFG0-CPFB...	PLIP	PM01	CRTD	03/28/2012	03/28/2012	
200010232	M2 GuiXT Test #4	1	EFG0-CPFB...	PLIP	PM02	CRTD	03/27/2012	03/28/2012	
200010233	M2 GuiXT Test #2	1	EFG0-CPFB...	PLIP	PM02	CRTD	03/27/2012	03/28/2012	

The 'Finish. Date' field is set to '28.03.2012' and the 'Update Search' button is visible.

Mass Change Status for Selected Orders

The screenshot displays the SAP Scheduler interface. A dialog box titled 'Change Status for Mass Change' is open, showing a table with priority levels (P1 to P5) and a 'Total' column. The 'Current Status' is set to 'PLIP' and the 'Change Status' is set to 'AWAP'. The 'Orders' table on the right lists various maintenance orders with their descriptions, priorities, functional locations, and statuses.

Scheduler

Planner Supervisor Reset Search

SEARCH MY ORDERS

Func.Locations: IH01

PRIORITY

	P1	P2	P3	P4	P5	Total
Change Status for Mass Change	9	3	0			32
Change Status	0	0	0			2
Current Status	1	0	0			2
Change Status	1	0	0			1
PLIP	0	0	0			1
	3	1	0			24
	1	0	0			2

Task Lists

IA08 IA10

SCHEDULE

CM25 CM01

REPORTS

Materials

MMBE ME23N ZMMSEAR... MD04 ZMMMR320 MRS1 ZMMMR330

Permits

IPM2 ZWP5 ZWP3 ZWP6 ZWP4

Update Search

Orders

Order No	Description	Pri...	Func. Loc	Status	Type	Sys.	St.Date.	Fn.Date	Sel.
100003434	Test M1	3	EFG0-CPFB...	PLIP	PM01	CRTD...	04/05/2012	04/05/2012	
100003435	MR - GuiXT #3 from ...	2	EFG0-CPFB...	RSCH	PM01	REL ...	03/28/2012	03/28/2012	
100003436	UD - Sample Mainten...	4	EFPL-FOR0...	PLIP	PM01	CRTD...	04/26/2012	04/26/2012	
100003437	UD - Sample Mainten...	3	EFKE-CPF7...	AWAP	PM01	CRTD...	04/10/2012	04/10/2012	
100003438	MR GuiXT #2	2	EFG0-CPFB...	PLIP	PM01	CRTD...	03/28/2012	03/28/2012	
100003441	MR GuiXT #5	2	EFG0-CPFB...	AWAP	PM01	CRTD...	03/28/2012	03/28/2012	
100003442	MR GuiXT #3	2	EFG0-CPFB...	PLIP	PM01	CRTD...	03/28/2012	03/28/2012	
100003521	Final test for ENH_...	4	EFG0-EV10...	RJCT	PM01	CRTD...	06/11/2012	08/23/2012	
200010223	Pumpjack failure te...	2	EFKE-74R0...	INIT	PM02	REL ...	03/27/2012	03/29/2012	
200010224	Motor stopped runni...	2	EFKE-74R0...	PLIP	PM02	CRTD...	03/27/2012	03/29/2012	
200010225	Well-head separator...	3	EFKE-0BK0...	PLIP	PM02	CRTD...	04/09/2012	05/25/2012	
200010226	Pump jack noise	3	EFKE-74R0...	PLIP	PM02	CRTD...	04/09/2012	05/25/2012	
200010227	Test 1234	3	EFKE-CPF7...	PLIP	PM02	CRTD...	04/05/2012	05/21/2012	
200010228	Pump jack leaking t...	2	EFKE-74R0...	PLIP	PM02	REL ...	03/28/2012	03/30/2012	
200010229	Pump jack leaking	2	EFKE-74R0...	PLIP	PM02	CRTD...	03/28/2012	03/30/2012	
200010230	Malfr: GuiXT #1	2	EFG0-BHT0...	PLIP	PM02	CRTD...	03/28/2012	03/30/2012	
200010232	M2 GuiXT Test #4	1	EFG0-CPFB...	PLIP	PM02	CRTD...	03/27/2012	03/28/2012	
200010233	M2 GuiXT Test #2	1	EFG0-CPFB...	PLIP	PM02	CRTD...	03/27/2012	03/28/2012	
200010234	Pump jack leaking	2	EFKE-74R0...	PLIP	PM02	CRTD...	03/29/2012	03/31/2012	
200010235	Pump jack leaking p...	3	EFKE-74R0...	PLIP	PM02	CRTD...	04/11/2012	05/27/2012	
200010236	Test order	3	EFKE-LGH0...	DSPT	PM02	REL ...	04/11/2012	06/21/2012	
200010237	Pump jack leaking d...	2	EFKE-74R0...	PLIP	PM02	CRTD...	03/29/2012	03/31/2012	

Material Availability Check for Selected Orders

The screenshot displays the SAP Scheduler interface. A pop-up window titled "ATP Check for selected orders" is open, showing the results of the check for three orders:

- Order 100003434 saved with notification 400011721
- Order 100003436 saved with notification 400011745
- Order 100003438 saved with notification 400011747

The main window shows a list of orders with columns: Order No, Description, Pri..., Func. Loc, Status, Type, Sys., St.Date, Fn.Date, and Sel. The list includes orders such as 100003434 (Test M1), 100003435 (MR - GuiXT #3 from ...), 100003436 (UD - Sample Mainten...), 100003437 (UD - Sample Mainten...), 100003438 (MR GuiXT #2), 100003441 (MR GuiXT #5), 100003442 (MR GuiXT #3), 100003521 (Final test for ENH...), 200010223 (Pumpjack failure te...), 200010224 (Motor stopped runni...), 200010225 (Well-head separator...), 200010226 (Pump jack noise), 200010227 (Test 1234), 200010228 (Pump jack leaking t...), 200010229 (Pump jack leaking), 200010230 (Malfr: GuiXT #1), 200010232 (M2 GuiXT Test #4), 200010233 (M2 GuiXT Test #2), 200010234 (Pump jack leaking), 200010235 (Pump jack leaking p...), 200010236 (Test order), and 200010237 (Pump jack leaking d...).

The interface also includes a left sidebar with sections like SEARCH, Orders & Operations, Task Lists, SCHEDULE, and REPORTS. The bottom status bar indicates "ATP Check completed for selected orders" and shows the SAP logo and user information.

The Planning and Scheduling Console Features

- Common transactions accessible in a **launchpad** on the main screen
- **Segregation of duties** so users see only the information required for their roles
- Provides a list count of all orders **by priority and status**
- **Allows filtering** based on Start and End times and dates, Functional Location, and/or Work Center
- **Drill down** into individual work orders and jobs, showing only the information important to the user on the main screen
- **Mass change** with one click (change the status of multiple work orders, mass print, availability checks and permit checks)

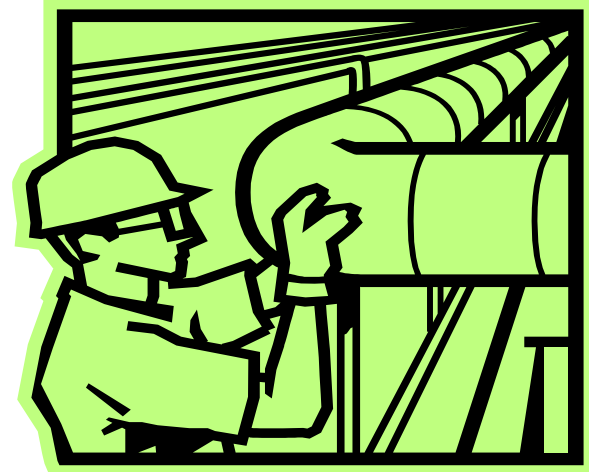


Data collection and decision-making is faster and easier, improving efficiencies, and ensuring more value from your SAP investment.

Plant Maintenance Optimization Package Technician Launch Pad

Challenges

- *SAP screens too cluttered for maintenance operators*
- *On-going quality and mean-time-to-repair improvements to ensure reliability of equipment and uptime goals*
- *Need accurate, near realtime data and validation at each place with time and date stamp for compliance to regulatory boards*
- *Equipment Downtime causing production problems*

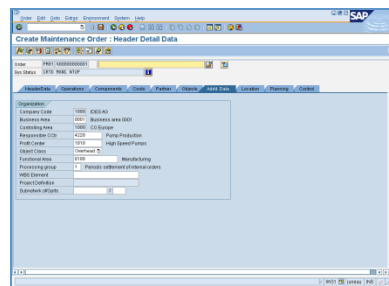


Enter work orders, create notifications and time confirmation were simplified for SAPGUI on the desktop making it easy to report on faults and complete compliance checks.

Create Work Order was reduced from 8 minutes to 4 minutes. Improved workflow and reduced error rate by 50%. Reduced training from 2 hours to 30 minutes.

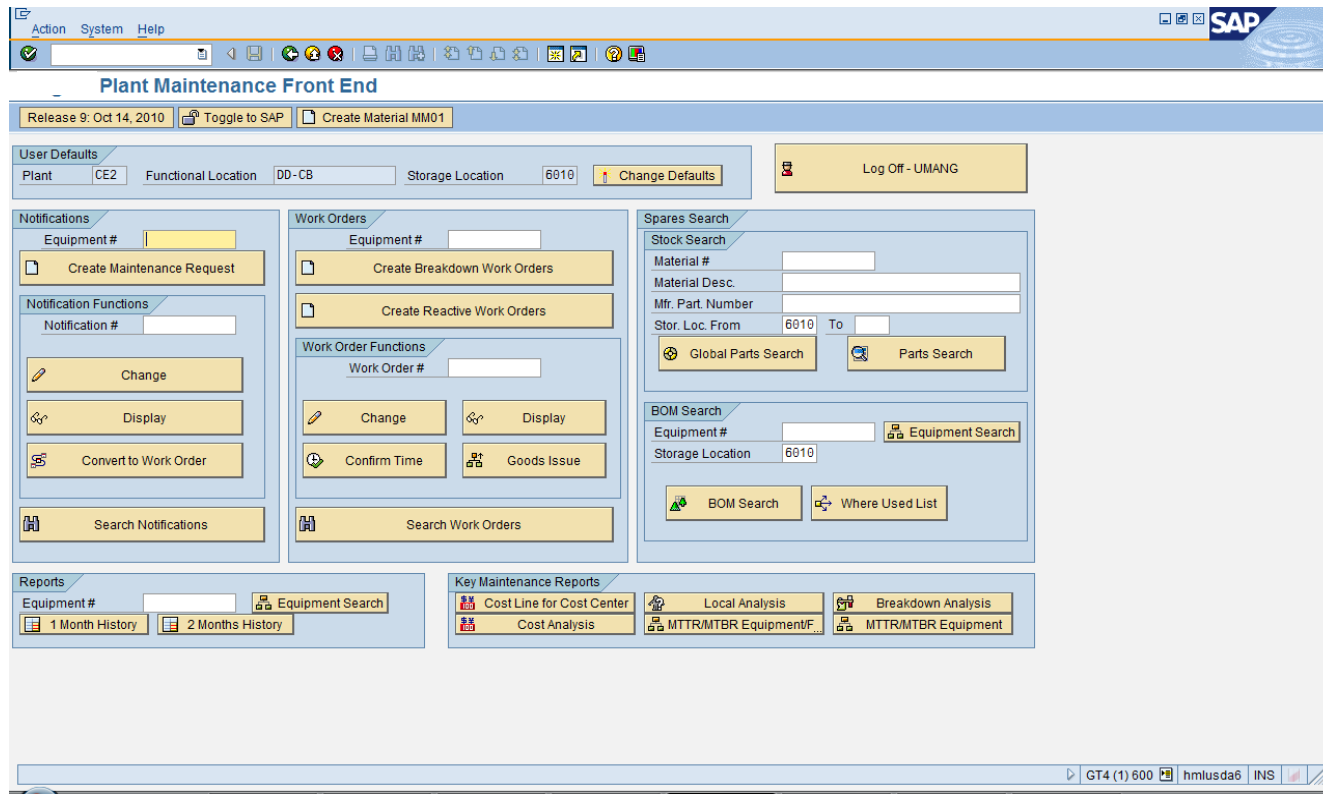
Total Saving of \$90k Per Year

Plant Maintenance Before GuiXT: Notification & Work Order (10 Screens!)



Plant Maintenance Technician Launch Pad

Plant Maintenance After GuiXT: Launch Pad



GuiXT Screens:
[Notif_convertWO_timeConf.exe](#)
[Create_WorkOrder.exe](#)

Poll Question #4: How many of you create materials using Excel?

- Yes, I use Excel
- No, I do not use Excel but create materials directly with SAP
- Other

Materials Management Optimization Package

Creation of Material

Challenges

- *Updating a single material or article master record creation in SAP MM typically involves a large team of people entering data into at least 100 fields in over 20 different screens*
- *Figuring out which fields to enter data, took a lot of time to create a material and it was a difficult process.*
- *Errors can lead to failed orders or shipments*
- *Due to complex Material master SAP screens users use other applications like Excel for data entry which leads to redundant data entry and errors*



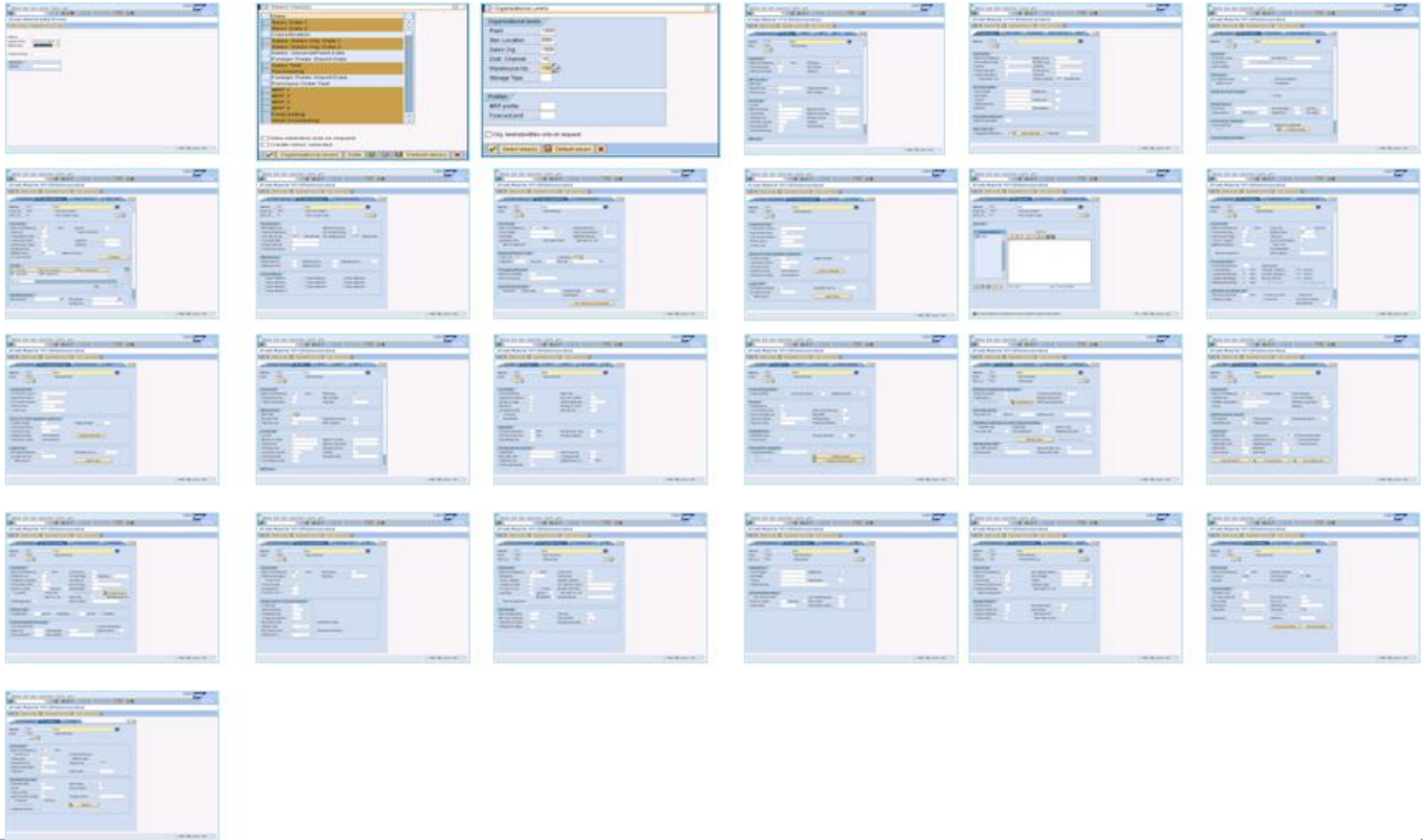
Streamlined the process of creating a material into 1 with a different interface for different material types.

Training time reduced by 75%, standardizing the process, making the users 66% more efficient and also helped in minimizing the errors.

Materials Management

Creation of Material

Materials Management Before GuiXT: Create Material 25 screens



Materials Management

Creation of Material

Materials Management After GuiXT: Create Material

Material Edit Goto Defaults System Help

Create Material(Raw Material): Screen 1 of 1

New Material
Material
Copy From Material

Material Type
☐ Finished Product ☒ Raw Material
☐ Trading Goods ☐ Packaging Material

Basic Data
Material Desc. ☒
Base unit of Measure ☒
Material Grp ☒
Division ☒

Classification and Purchasing Data
Class ☒
Purchasing Grp. ☒
Purchasing value key 3
☒ Autom. PO
☐ Batch Management

Work Scheduling
Production Scheduler ☒
☒ Unltd. Over del

Organizational Data Copy From
Plant ☒ ☒
Stor. location ☒ ☒
Sales Org. ☐ ☐
Distribution Channel ☐ ☐
Whse Number ☐ ☐
Storage Type ☐ ☐

Plant Data/Stor.
Storage Conditions ☒ 01
☐ 02-Sample products

Accounting
Valuation Class ☒
Price Control ☐ Standard
☒ Moving Average/Variable
Price Unit ☒
Moving Average Price

Costing
Costing Lot Size ☒

MRP Data
MRP Type PD
MRP Controller ☒
Lot Size EX
Fixed Lot Size
Minimum Lot Size
Maximum Lot Size
Maximum Stock Level
Procurement Type: ☒ E-In house production
☐ F-External/No procurement
☐ X-Both procurement types
Issue stor. loc. ☒
Backflush ☐
Gr. Processing time Days
PInd. Delivery time ☒
Safety Stock ☒
Bwd. consumption per. 100
Mixed MRP ☒

Save Material

You have not made an entry in field Class

MM01 juneau INS

Native Screens:

[CL01_MM01_create_class_mat_Native.exe](#)

GuiXT Screens:

[CL01_MM01_create_class_mat_GuiXT.exe](#)

Materials Management

Creation of Material

Solution for Excel Users

Microsoft Excel - MM01_CreateMaterials.xlsx

File Edit View Insert Format Tools Data Window Help

Type a question for help

Calibri 10 B I U \$ % , .00 .00

SnagIt Window

A2 Material 67144 created

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	Message	Indus try sector	Materi al Type	Plant	Stor. Locati on	MAKT- MAKTX	Base Unit of Measur e	Materi al Group	Purch asing Group	Mfr Part Numbe r	MRP Type	MRP Cont rolle r	Sche dMa rgin key	Availa bility check	Storag e Bin	Profit Center	Price Unit	Price control	Stand ard price	Movi ng price	Valuatio n Class
2	Material 67144 created	M	FERT	1000	0001	Test 1	EA	0001	001	12345	ND	000	000	01	131	1000	13	\$	14		7920
3	E: Unit P is not created in language EN	M	FERT	1000	0001	Test 2	P	0001	001	11111	ND	000	000	01	998	1000	30	V		31	7925
4	Processing ...	M	FERT	1000	1	Test 3	EA	0001	001	6755	ND	000	000	01	178	1000	11	\$	10		7920
5		M	FERT	1000	0001	Test 4	EA	0001	001	1189	ND	000	000	01	809	1000	59	V		65	7925
6																					
7																					
8																					
9																					
10																					

GuiXT Solution:

[ExcelIntegration_MM01](#)

Materials Management

Extend Material

Extend Material

Back to Create Material Extend

Extend Material

Material should be fully created with Tax Classification, Availability check, Material freight, Loading and Trans. grp, MRP Type and Purchasing group to extend

Material

Copy from Plant

Storage Locations

- ☒ 0001 Finished Goods
- ☒ 0002 Central Store
- ☐ 0003 Project Tires
- ☐ 0004 Litigation
- ☐ 0005 Tire Testing
- ☐ 0006 Shop Floor
- ☐ 0007 Finishing QI
- ☐ 0008 Blem S_Born Creat
- ☐ 0010 Mold Repair
- ☐ 0011 Raw Materials
- ☐ 0012 WAW-Western Ave
- ☐ 0013 Offsite-Rail RD
- ☐ 0014 Offsite-Trailers
- ☐ 0015 Quality Hold
- ☐ 0016 Unmatched Claims
- ☐ 0017 Out for Eval

Plants for Sales Org. 1000 - Cooper Tire & Rubber

Manufacturing Plants

- ☒ 1200 - Findlay Plant
- ☒ 1230 - Texarkana Plant
- ☒ 1250 - Tupelo Plant

Regional Inspection Points

- ☒ 1270 - Findlay Warranty
- ☒ 1280 - Texarkana Warranty
- ☒ 1290 - Rancho Warranty
- ☒ 1199 - Corporate Plant
- ☒ 1210 - Ampoint
- ☒ 1220 - Tall Timbers
- ☒ 1260 - Clarksdale Plant
- ☒ 1310 - TVTC
- ☒ 1320 - Allentown DC
- ☒ 1330 - Rancho DC
- ☒ 1340 - Grand Prairie DC
- ☒ 1350 - Sumner DC
- ☒ 1360 - Franklin DC
- ☒ 1370 - Albany DC
- ☒ 1380 - New Orleans
- ☒ 1390 - Savannah
- ☒ 1500 - Hercules Findlay

Plants for Sales Org. 1010 - Max-Trac

- ☒ 1400 - Stow DC
- ☒ 1410 - Corona DC
- ☒ 1510 - Prestige Autotech
- ☒ 1520 - Primax

Regional Inspection Points

- ☒ 1401 - Stow Warranty
- ☒ 1411 - Corona Warranty

Plants for Sales Org. 1020 - Mickey Thompson

- ☐ 1420 - 501 West Coast Service Trailer
- ☐ 1421 - 502 West Coast Service Trailer
- ☐ 1422 - 505 East Coast Service Trailer
- ☐ 1423 - 600 East Coast Service Trailer
- ☐ 1424 - 605 East Coast Service Trailer

GuiXT Solution:
[ExtendMaterial_MM01](#)

Material Management Decision Making Console

Easily view and analyze material data from one screen

Challenges

- *Needed to improve the parts purchasing process*
- *Complex SAP screens caused sourcing of parts to be inefficient as Sales Reps had to dig through multiple screens to retrieve information on a certain material*
- *Restrictions on the length of the material notes requiring navigation to a different transaction (MM03) to view them.*
- *They also needed a web service link to an outside vendor with the ability to create a Vendor RFQ*



The goal was to make buying surplus as easy as buying new. All the data they needed to see and the actions they need to perform are all on the same screen.

The overall processing time for RFQs reduced from 15-20 mins to 1-5 mins.

Purchasing Process to Create a Quote (Before GuiXT)

Check
Inventory

Check existing
Customer
Orders

Check existing
Quotes

Check existing
Purchase
Orders

Check existing
RFQs

If material not
available, search
Industry site

Request a
Quote for the
material

Submit PO

CLP Alternates Notes Quote

Material #: 3605-8

Description: COMPUTER ST

Engine: TBA

Aircraft: DHC,DHC8,DHC8-100,DHC8-200

ATA: 27330001

ATA Chapter: 27

FSC Code: 83326

CLP: 10,641.00

CLP Date: 01/01/2002

CLP Source: TAP

ECCN: 7a994

Schedule B: 9014.20.6000

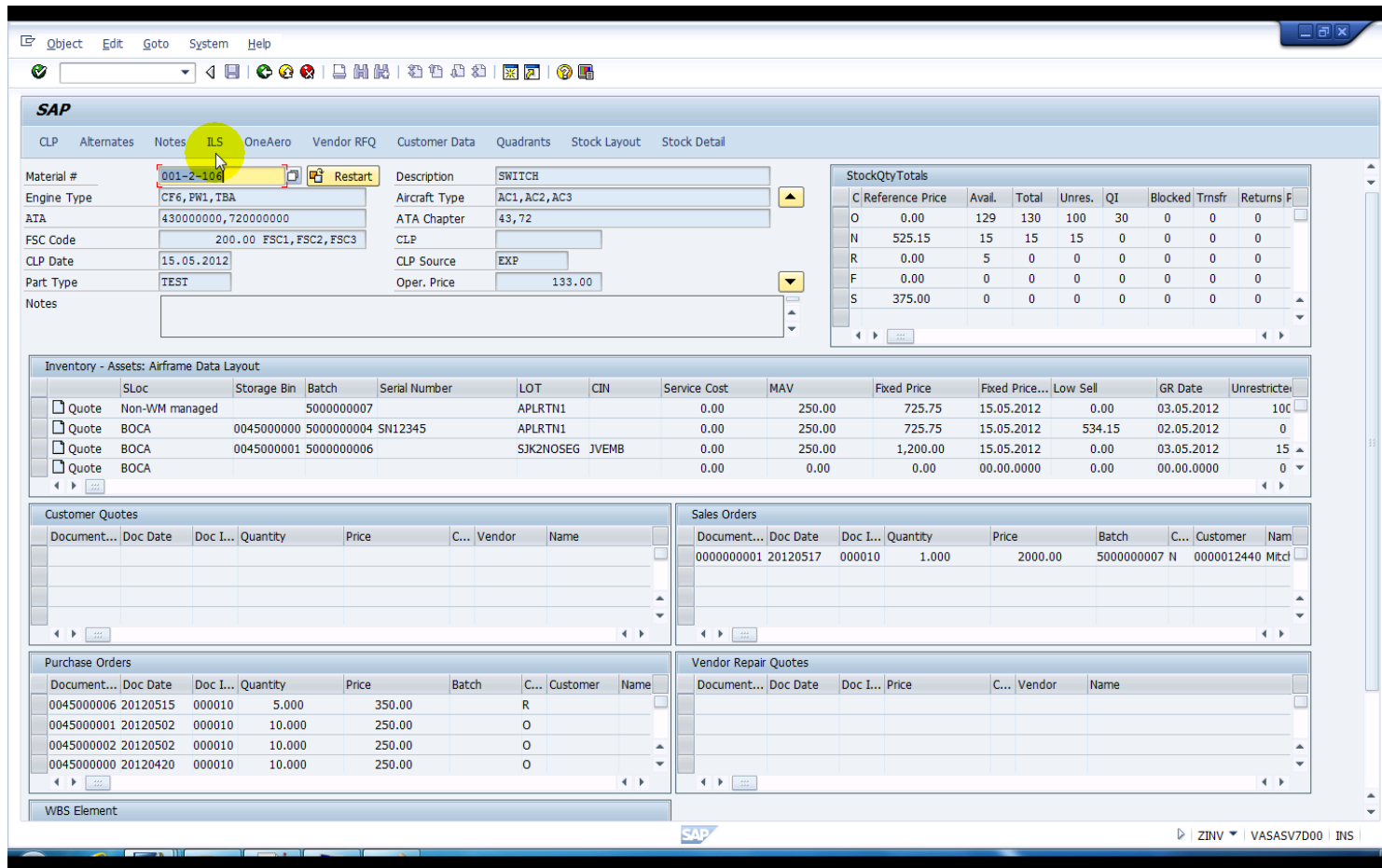
Part Type: TR4

Notes: There are no export concerns for part 3605-8 as long as it for commercial usage and not being shipped to a country controlled for Anti- Terrorism reasons. 05/26/11

St.Type/Plant/Sloc/Material	PrftCntr	Stor. Lo	Cond	Batch	Plant	Serial	Open SO	Storage Bin	Total Qty	Unrestr.	Blocked	Qual.Insp.	LOT	Sourc
On Hand (For Sale) - VA									15.000	15.000	0.000	0.000		
0009							5.000		15.000	15.000	0.000	0.000		
8001							2.000		6.000	6.000	0.000	0.000		
3605-8	614	8001	S	4173784	0009	246		AV584A	1.000	1.000	0.000	0.000	TASPAC	FA Foreign
3605-8	614	8001	R	4175235	0009	302		G-YY38	1.000	1.000	0.000	0.000	TASPAC	
3605-8	614	8001	R	5000065707	0009	391	1.000	0080458460	1.000	1.000	0.000	0.000	MESAB...	129 Oper
3605-8	614	8001	R	5000246662	0009	873		AVR81	1.000	1.000	0.000	0.000	DHC231	Original A
3605-8	614	8001	R	5000305296	0009	454	1.000	0080458460	1.000	1.000	0.000	0.000	TRADE07	121 Air C
3605-8	614	8001	R	5000512677	0009	732		G-C102A	1.000	1.000	0.000	0.000	CMA09	129 Oper
8002							3.000		9.000	9.000	0.000	0.000		
3605-8	614	8002	R	4478372	0009	512		B03Y04A	1.000	1.000	0.000	0.000	DHC123	121 Air C
3605-8	614	8002	R	4478413	0009	477		P06D09CF	1.000	1.000	0.000	0.000	DHC123	121 Air C
3605-8	614	8002	R	4478557	0009	1024		P06D09CF	1.000	1.000	0.000	0.000	DHC123	121 Air C
3605-8	614	8002	R	4478997	0009	1080		P06D09CF	1.000	1.000	0.000	0.000	DHC123	121 Air C
3605-8	614	8002	R	5000341730	0009	958		B04L05A	1.000	1.000	0.000	0.000	WLFSD8	121 Air C

Material Stock Overview - MMBE

Material Stock Overview Screencam



The screenshot displays the SAP Material Stock Overview for material 001-2-106. The interface includes a menu bar (Object, Edit, Goto, System, Help), a toolbar, and a navigation pane with tabs: CLP, Alternates, Notes, ILS (highlighted), OneAero, Vendor RFQ, Customer Data, Quadrants, Stock Layout, and Stock Detail. The main area is divided into several sections:

- Material Data:** Material # 001-2-106, Description SWITCH, Engine Type CF6, PW1, TBA, ATA 430000000, 720000000, ATA Chapter 43, 72, FSC Code 200.00, FSC1, FSC2, FSC3, CLP Date 15.05.2012, CLP Source EXP, Part Type TEST, Oper. Price 133.00.
- StockQtyTotals:** A table showing stock quantities for various categories (O, N, R, F, S) with columns for Reference Price, Avail., Total, Unres., QI, Blocked, Trnsfr, and Returns.
- Inventory - Assets: Airframe Data Layout:** A table listing inventory items with columns for SLoc, Storage Bin, Batch, Serial Number, LOT, CIN, Service Cost, MAV, Fixed Price, Fixed Price..., Low Sell, GR Date, and Unrestricted.
- Customer Quotes:** A table listing customer quotes with columns for Document..., Doc Date, Doc I..., Quantity, Price, C..., Vendor, and Name.
- Sales Orders:** A table listing sales orders with columns for Document..., Doc Date, Doc I..., Quantity, Price, Batch, C..., Customer, and Name.
- Purchase Orders:** A table listing purchase orders with columns for Document..., Doc Date, Doc I..., Quantity, Price, Batch, C..., Customer, and Name.
- Vendor Repair Quotes:** A table listing vendor repair quotes with columns for Document..., Doc Date, Doc I..., Price, C..., Vendor, and Name.

The bottom of the screen shows the WBS Element and the SAP logo.

[dmc_webinar_exe.exe](#)

Benefits To Business Users



Make SAP Easier to Use

Dramatically cut the number of screens needed for virtually every operation in SAP. Make SAP screens simpler and more job specific using your business terminology,

Improve Productivity

Combine screens and transactions while eliminating screen clutter, keystrokes and mouse clicks.

Reduce Errors

Focus the power of SAP on your task. Display only what someone needs to do the job eliminates confusion.

Speed Training

Simpler job specific screens get new employees up-to-speed faster.

Benefits To IT – Non-Disruptive



Better Quality of Service

No need for expensive development resources so IT can focus on **higher value initiatives**. Start with SAP and build upon it instead of starting from scratch.

Better Agility

Screen modifications are completed **without touching the backend**. Extend SAP to multiple touch points without recoding or reproducing data and business logic outside of SAP. Using Javascript for front end changes eliminates the edit, compile, debug cycle.

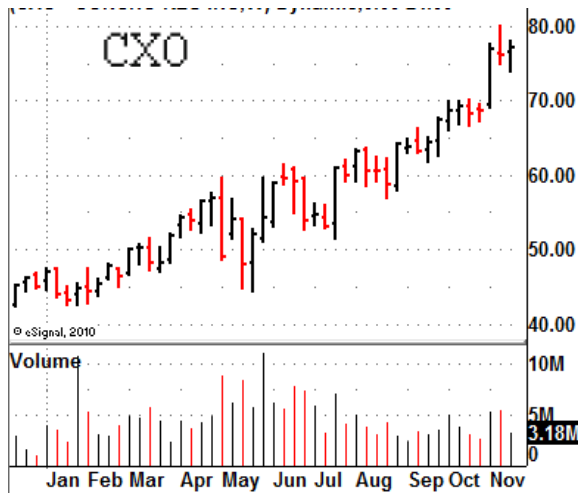
Lower Risk

New releases of SAP have minimal impact and therefore reduced maintenance.

Lower Operating Costs

Lower costs from less UI complexity and therefore, lower support costs.

Benefits To C-Level Executives (ROI, ROI, ROI)



Plant Maintenance Planning and Scheduling Console

With approximately 8,000 work orders in various stages, an average of 5 mins per work order was reduced to 30 secs, **increasing productivity by 90%**.

Plant Maintenance Optimization Package

Create Work Order was reduced from 8 minutes to 4 minutes. Improved workflow and reduced error rate by 50%. Reduced training from 2 hours to 30 minutes.

Total Saving of \$90k Per Year

Material Management Decision Making Console

The overall processing time for RFQs reduced from **15-20 mins to 1-5 mins**.

Material Management Optimization Package

Training time **reduced by 75%**, standardizing the process, making the users **66% more efficient** and also helped in **minimizing the errors**.

Upcoming Events

ASUG Pacific NW Chapter Meeting

When: July 26, 2012

Where: Portland, OR

ASUG NC/SC/VA Joint Chapter Meeting

When: August 16-17, 2012

Where: Wilmington, NC

ASUG Southern CA Chapter Meeting

When: August 17, 2012

Where: San Diego, CA

ASUG WI Chapter Meeting

When: August 24, 2012

Where: Milwaukee, WI

SAP for Utilities

When: September 9-12, 2012

Where: Hollywood, FL

TechEd

When: October 15-19, 2012

Where: Las Vegas, NV

Best Practice for Oil and Gas

When: October 21-24, 2012

Where: San Antonio, TX

SAP Projects, Reporting & Analytics

When: October 29-31, 2012

Where: Las Vegas, NV

Stop by our booth or attend a technical or business session at any of the events above and learn more about our innovative products and solutions.

Registration and details at: <http://www.guixt.com/events/tradeshows.php>

THANK YOU!

For more information about
GuiXT Solutions:

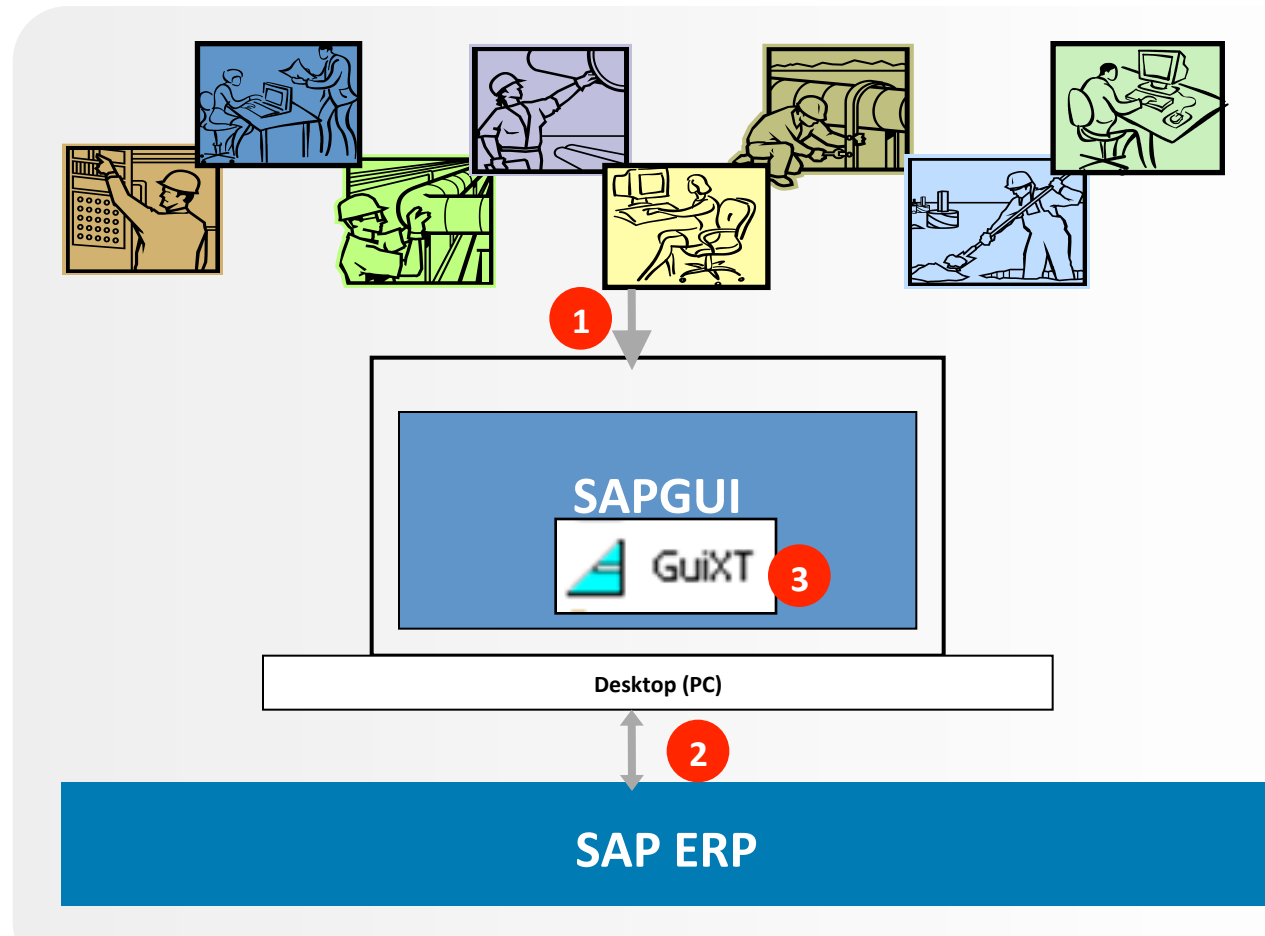
www.guixt.com

rfi@guixt.com

Tel: 650.341.3310

How Does GuiXT Work?

- 1) User makes a request via SAPGUI (e.g. VA01)
- 2) SAP responds with VA01 screen
- 3) GuiXT screen modifications are applied and SAPGUI draws new screen for VA01

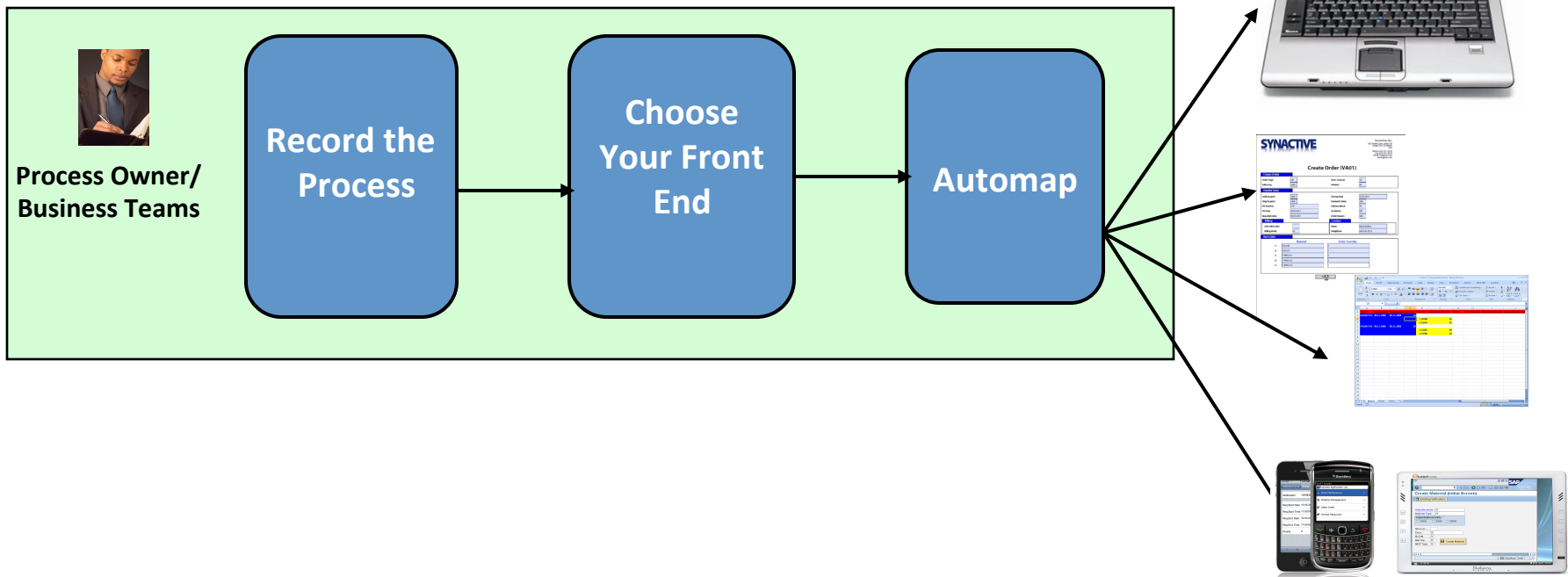


Use GuiXT Developer Toolkit to generate GuiXT screens

GuiXT Developer Kit – Workbench

Workbench maximizes ROI with faster customizations and implementations of SAP front ends.

- Record multiple screens, multiple transactions
- Generates SAPGUI, Excel, PDF or Smartphone/ Tablet front-ends, automatically mapped to SAP



GuiXT Developer Kit - Designer

Make Changes to the SAP Interface Quickly and Easily

- Design the screen layout with the WYSIWYG editor powered by industry standard ECMA Javascript
- Enables personalized applications **based on roles and functions**
- **Start with any SAP transaction** and record a flow for your business, then tailor it to suit your needs
- Shift or delete fields, add new elements such as images, buttons, texts, or group boxes
- Sift out the relevant fields from deep within a transaction, and **bring it forward to the front screen**
- **Automatic Javascript generation**
- Integrated, syntax colored **script editor**
- **No new APIs**, no layers of additional software to slow your system down.
- **No lengthy edit, compile, debug development cycle**

