Asset Lifecycle Tracking
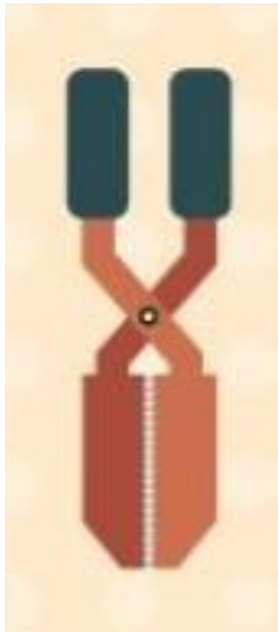
Capitalised Value Trail

of

ASSETS
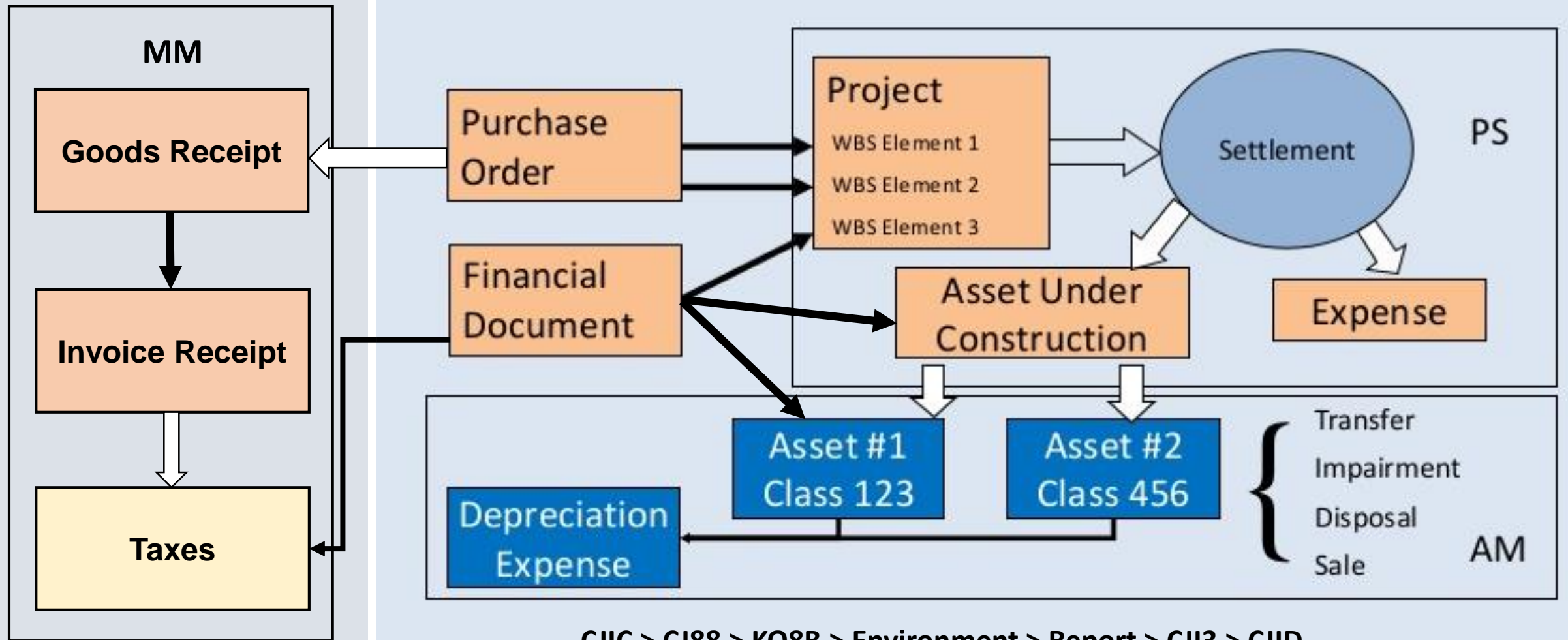
UNDER CONSTRUCTION

SAMVADYA SOLUTIONS PVT. LTD.

Value Proposition

- Offer tools for **Seamless Asset Tracking** & ensure financial discipline with costs savings.

- **Accuracy & Speed** in reporting data. Saves man hours spent in reconciling multiple data points.

- Ensure **Compliance** to various tax audit requirements, certifications for various incentives & subsidies.

Business Process – Assets under Construction

MM

Goods Receipt

Invoice Receipt

Taxes

Purchase Order

Project
WBS Element 1
WBS Element 2
WBS Element 3

Settlement

PS

Financial Document

Asset Under Construction

Expense

Asset #1 Class 123

Asset #2 Class 456

Depreciation Expense

Transfer
Impairment
Disposal
Sale

AM

CJIC > CJ88 > KO8B > Environment > Report > CJI3 > CJID
Extras > Technical View > RKACSHOW

Capitalized Assets Value Trail: PO to GR to IR to TX

Tracking of Assets (India)

Asset	SNo.	Asset description	Purch.Doc.	Ite	Material Doc.	MatYr	Inv. Doc. No.	Year	Original FI	OrYear	DocumentNo	TCode	DocumentNo	Posting Date	Tx	Σ Acquisition A	Crcy	Prop. Inv LC	LCurr	Prop. Tax LC	LCurr
3000	0	Plant & machinery	4500022434	60	5000001375	2018	5105609575	2018	5000000005	2018	5100000003	ML81N	5000001375	01.01.2018	V1	10,000.00	INR	10,000.00	INR	3,707.97	INR
3000																· 10,000.00	INR ·	10,000.00	INR	3,707.97	INR
3002	0	Asset Lifecycle Rep	4500022434	70	5000001373	2018	5105609575	2018	5000000003	2018	5100000003	MIGO	5000001373	01.01.2018	V2	17,382.02	INR	17,382.02	INR	1,813.19	INR
	0	Asset Lifecycle Rep	4500022434	20	5000001373	2018	5105609575	2018	5000000003	2018	5100000003	CJ88	62263	31.01.2018	V2	15,000.00	INR	15,000.00	INR	1,564.71	INR
	0	Asset Lifecycle Rep	4500022434	10	5000001374	2018	5105609575	2018	5000000004	2018	5100000003	CJ88	62263	31.01.2018	V0	1,500.00	INR	1,500.00	INR	0.00	INR
	0	Asset Lifecycle Rep	4500022434	30			5105609575	2018	5100000003	2018	5100000003	CJ88	62263	31.01.2018	V2	7,873.03	INR	7,873.03	INR	821.27	INR
	0	Asset Lifecycle Rep	4500022434	40	5000001376	2018	5105609575	2018	5100000003	2018	5100000003	CJ88	62263	31.01.2018	V1	2,500.00	INR	2,500.00	INR	926.99	INR
	0	Asset Lifecycle Rep	4500022434	50	5000001373	2018	5105609575	2018	5100000003	2018	5100000003	CJ88	62263	31.01.2018	V2	15,337.08	INR	15,337.08	INR	1,599.88	INR
3002		**AW01N**	**ME23N**		**MIGO**		**MIR4**		**FB03**		**KO8B**					· 59,592.13	INR ·	59,592.13	INR	6,726.04	INR
																· · 69,592.13	INR · ·	69,592.13	INR · ·	10,434.01	INR

- **MM:** Vendor → Purchase Order → Goods Receipt → Invoice Receipt → Taxes
- **PS:** WBS → Line item Settlement → Asset capitalization or Expense
- **AA:** Asset → Room → Location → Plant → Region → Country

Real time reconciliation between FIAA & MM

Asset Transactions

Report date: 31.12.2018   Asset Transactions – 01. Book deprec.
Created on: 12.05.2018

CompanyCode   Bal.sh.acctAPC   AssetClass
4300   11000   IN2000

Asset	SNo.	Cap.date	Asset description	APC Crcy
	DocumentNo	Pstng Date	TType Text	
3000	0	01.06.2013	Plant & machinery Test	47,160.60 INR
3002	0	31.01.2018	Asset Lifecycle Reporting	150,094.60 INR
3003	0	31.01.2018	Asset Lifecycle Reporting	12,312.95 INR
* Total				209,568.15 INR

Tracking of Assets (India)

Asset	SNo.	Asset description	Purch.Doc. Item	Vendor	Name 1	Original FI	OrYear	Ref.	TCode	WBS Element	Tx	Description	Acquisition A	Crcy	Prop. Tax LC	LCurr
3000	0	Plant & machinery Test		CIN-VEN	Server Suppliers	100000000	2018	BKPF	FB01		V1	Input GST 12% + CESS 4%	5,990.36	INR	1,009.64	INR
	0	Plant & machinery Test		CIN-VEN	Server Suppliers	100000005	2018	BKPF	FB01		V2	Input GST 12% + CESS 2%	6,245.07	INR	892.19	INR
	0	Plant & machinery Test		CIN-VEN	Server Suppliers	1900000002	2018	AUAK	CJ88	W.FXA.43001801	V2	Input GST 12% + CESS 2%	535.29	INR	76.47	INR
3000													12,770.72 INR		1,978.30 INR	
3002	0	Asset Lifecycle Reporting		CIN-VEN	Server Suppliers	1900000001	2018	AUAK	CJ88	W.FXA.43001801	V2	Input GST 12% + CESS 2%	4,460.76	INR	637.28	INR
	0	Asset Lifecycle Reporting		CIN-VEN	Server Suppliers	1900000002	2018	AUAK	CJ88	W.FXA.43001801	V2	Input GST 12% + CESS 2%	802.94	INR	114.71	INR
3002													5,263.70 INR		751.99 INR	
3003	0	Asset Lifecycle Reporting		CIN-VEN	Server Suppliers	1900000002	2018	AUAK	CJ88	W.FXA.43001801	V2	Input GST 12% + CESS 2%	1,338.23	INR	191.18	INR
3003													1,338.23 INR		191.18 INR	
													19,372.65 INR		2,921.47 INR	

Asset Explorer

Asset 4300-3000/0000
Depreciation Areas
- 01 Book depreciation
- 15 Depreciation as per Income Tax Act 1961
- 20 Cost-accounting depreciation

Objects related to asset
- Vendor
  - Vendor1   4300 VENDOR1
- Cost Center
  - Chem.Products Prod.   4300 410000
- Purchase Order
  - 01.01.2018   4500022431
  - 01.01.2018   4500022433
  - 01.01.2018   4500022434
- G/L Account
  - Machinery and equipment 4300 11000

Company Code 4300   BestRun India
Asset   3000   0 Plant & machinery Test
Fiscal year   ◄ 2018 ►

Planned val... | Posted values | Comparisons | Parameters

Planned values Book depreciation

Value	Fiscal year start	Change	Year-end	Crcy
APC transactions	30,000.00	47,160.60	77,160.60	INR
Investment support				INR
Acquisition value	30,000.00	47,160.60	77,160.60	INR
Ordinary deprec.	15,000.00-	12,432.60-	27,432...	
Unplanned dep.				
Write-ups				

Tracking of Assets (India)

CoCd	Ctr	Plant	Location	Room	Class	Asset	SNo.	Asset description	Acquisition Amount	Crcy	Prop. Inv LC	LCurr	Prop. Tax LC	LCurr
4300	IN	4300	0001	BLOCK001	IN2000	3000	0	Plant & machinery Test	47,160.60	INR	34,389.88	INR	11,663.97	INR
				BLOCK002		3002		Asset Lifecycle Reporting	150,094.60	INR	144,830.90	INR	22,608.82	INR
		4310		BLOCK003		3003		Asset Lifecycle Reporting	12,312.95	INR	10,974.72	INR	1,651.90	INR
									209,568.15	INR	190,195.50	INR	35,924.69	INR

Company	Asset	AW01N	Acq amt	Non-PO	No-MIRO	Calc. MIRO	Prop Inv	GR Difference	IR Difference
4300	3000	47,160.60	47,160.60	12,770.72	0.00	34,389.88	34,389.88	0.00	0.00
4300	3002	1,50,094.60	1,50,094.60	5,263.70	0.00	1,44,830.90	1,44,830.90	0.00	0.00
4300	3003	12,312.95	12,312.95	1,338.23	0.00	10,974.72	10,974.72	0.00	0.00
Reconciliation -->		2,09,568.15	2,09,568.15	19,372.65	0.00	1,90,195.50	1,90,195.50	0.00	0.00

Asset wise Proportionate Tax Reporting
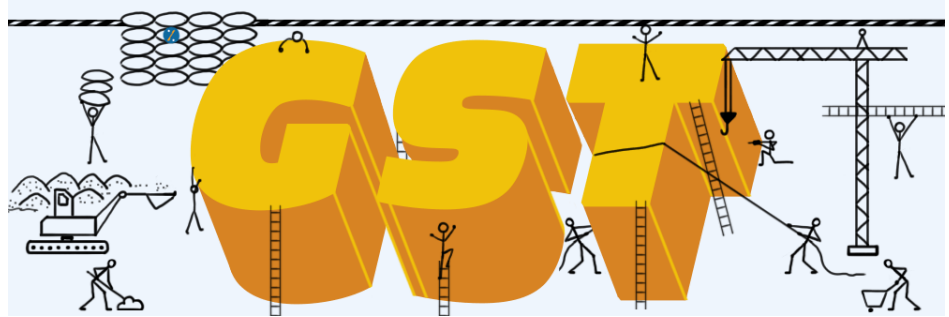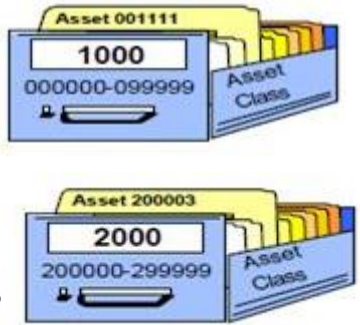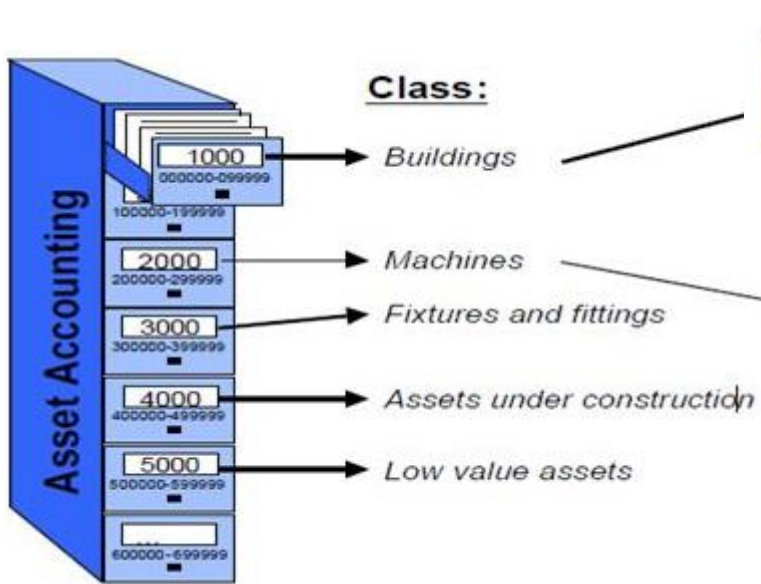
Tracking of Assets (India)

Country	Recipient	Recipient Business Place Name	Recipient GSTIN	Vendor	Name 1	Supplier Region	Supplier Region Name	Supplier GSTIN		Prop. Tax DC	Crcy	Prop. Tax LC	LCurr
IN				CIN-VEN	Server Suppliers 10		Karnataka	29VWXYZ7891U2A3		1,009.64	INR	1,009.64	INR
	4300	Samvadya Solutions	05ABCDE7891F2G3					29VWXYZ7891U2A3		1,911.83	INR	1,911.83	INR
				VENDOR1	Vendor1			29ABCDE1234F5G6		32,126.79	INR	32,126.79	INR
				VENDOR2	Vendor2	30	Delhi	07ABCDE1234F5G6		876.43	INR	876.43	INR
										35,924.69	INR	35,924.69	INR

GSTIN Info

Tracking of Assets (India)

Asset	SNo.	Asset description	Purch.Doc.	Item	Original FI	OrYe	TCode	Tx	Description		LC bas.amt	LCurr		LC tax	LCurr		Base amnt	Crc		Amount	Crcy		Prop. Tax D	Crcy		Prop. Tax LC	LCurr
3000	0	Plant & machinery Test			100000000	2018	FB01	V1	Input GST 12% + CES		5,990.36	INR		1,009.64	INR		5,990.36	INR		1,009.64	INR		1,009.64	INR		1,009.64	INR
	0	Plant & machinery Test			100000005	2018	FB01	V2	Input GST 12% + CES		6,862.74	INR		892.19	INR		6,862.74	INR		892.19	INR		892.19	INR		892.19	INR
	0	Plant & machinery Test			1900000002	2018	CJ88	V2	Input GST 12% + CES		2,617.64	INR		382.36	INR		2,617.64	INR		382.36	INR		76.47	INR		76.47	INR
	0	Plant & machinery Test	4500022431	10	5000000000	2018	ML81N	V1	Input GST 12% + CES		10,000.00	INR		1,685.44	INR		10,000.00	INR		1,685.44	INR		1,685.44	INR		1,685.44	INR
	0	Plant & machinery Test	4500022433	60	5000000002	2018	ML81N	V1	Input GST 12% + CES		15,000.00	INR		4,634.96	INR		15,000.00	INR		4,634.96	INR		3,707.97	INR		3,707.97	INR
	0	Plant & machinery Test	4500022433	10	5000000002	2018	CJ88	V0	Zero Input GST		1,500.00	INR		0.00	INR		1,500.00	INR		0.00	INR		0.00	INR		0.00	INR
	0	Plant & machinery Test	4500022434	60	5000000005	2018	ML81N	V1	Input GST 12% + CES		15,000.00	INR		4,634.96	INR		15,000.00	INR		4,634.96	INR		3,707.97	INR		3,707.97	INR
	0	Plant & machinery Test	4500022438	10	5000000008	2018	CJ88	V2	Input GST 12% + CES		17,000.00	INR		2,483.22	INR		17,000.00	INR		2,483.22	INR		495.01	INR		495.01	INR
	0	Plant & machinery Test	4500022438	10	5100000008	2018	CJ88	V2	Input GST 12% + CES		0.00	INR		0.00	INR		0.00	INR		0.00	INR		1.64	INR		1.64	INR
	0	Plant & machinery Test	4500022438	10	5000000008	2018	CJ88	V2	Input GST 12% + CES		3,000.00	INR		438.22	INR		3,000.00	INR		438.22	INR		87.35	INR		87.35	INR
	0	Plant & machinery Test	4500022438	10	5100000008	2018	CJ88	V2	Input GST 12% + CES		0.00	INR		0.00	INR		0.00	INR		0.00	INR		0.29	INR		0.29	INR
3000										76,970.74	INR		16,160.99	INR		76,970.74	IN		16,160.99	INR		11,663.97	INR		11,663.97	INR

Without PO

With PO

Multi-scenarios support along with Geo tracking

Multiple POs to Multiple PO line items to Multiple GRs to Multiple IRs to Multiple Tax layers to Multiple Assets

Standalone procurement using Asset Accounting based journals

Single or Multiple vendors

Single or Multiple tax layers & percentages

Invoice based GR

Single invoice for multiple POs

Procurement in Foreign currency with forex fluctuations

Service entry sheet based PO

Non-valuated GR

Service or/and Material based line items

GR based Invoice

Invoice only PO

Direct capitalization with text based or material based PO

Settlement to single asset or multiple assets

Settlement Reversals

Planned or Unplanned delivery costs

Information system also available for company codes / projects outside India
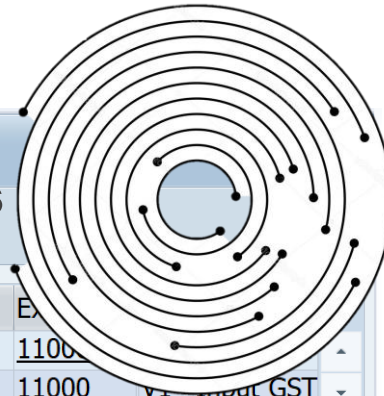
Tracking of Assets (India)

CoCd	Ctr	Plant	Location	Room	Class	Asset	SNo.	Asset description	Acquisition Amount	Crcy	Prop. Inv LC	LCurr	Prop. Tax LC	LCurr
0005	DE	0005	1	BLOCK001	L2000	20000002	0	Asset Lifecycle Reporting	326,645.40	EUR	276,320.00	EUR	49,431.60	EUR
			2	BLOCK002	L2210	22000002		Lasergerät	132,812.71	EUR	105,859.43	EUR	21,208.82	EUR
									459,458.11	EUR	382,179.43	EUR	70,640.42	EUR

Tracking of Assets (India)

Hot Spots
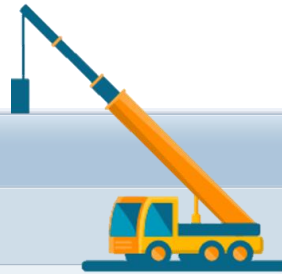
Labels: Financial Docs · Vendor Masters · Purchase Orders · Material Docs · GL Masters · Asset Masters · Capital Projects · Settlement Docs

| Asset	SN	Asset description	Purch.Doc.	Item	WBS Element	Original FI	OrYear	Reference	Inv. Doc. No.	DocumentNo	Material Doc.	DocumentNo	TCode	Vendor	Ex...		
3000	0	Plant & machinery				100000000	2018					100000000	FB01	CIN-VEN	1100...		
	0	Plant & machinery	4500022431	10		5000000000	2018	UT54	5105609572	5100000000	5000001370	5000001370	ML81N	VENDOR1	11000	V1	Input GST
	0	Plant & machinery				100000005	2018					100000005	FB01	CIN-VEN	11000	V2	Input GST
	0	Plant & machinery	4500022433	60		5000000002	2018	UT58	5105609571	5100000002	5000001...				11000	V1	Input GST
	0	Plant & machinery	4500022433	10	W.FXA.43001801	5000000002	2018	UT58	5105609574	5100000002	5000001372	62260	CJ88	VENDOR1	476500	V0	Zero Input
	0	Plant & machinery		60		5000000005	2018	UT59	5105609575	5100000003	5000001375	5000001375	ML81N	VENDOR1	11000	V1	Input GST
	0	Plant & machinery			W.FXA.43001801	190000000	2018					62265	CJ88	CIN-VEN	415000	V2	Input GST
	0	Plant & machinery	4500022438	10	W.FXA.43001801	5000000008	2018	UT64	5105609581	5100000008	5000001380	62278	CJ88	VENDOR2	410000	V2	Input GST
	0	Plant & machinery	4500022438	10	W.FXA.43001801	5000000008	2018	UT64	5105609580	5100000007	5000001380	62278	CJ88	VENDOR1	410000	V2	Input GST
	0	Plant & machinery	4500022438	10	W.FXA.43001801	5100000008	2018	UT64	5105609581	5100000008	5000001380	62278	CJ88	VENDOR2	410000	V2	Input GST
	0	Plant & machinery	4500022438	10	W.FXA.43001801	5100000008	2018	UT64	5105609580	5100000007	5000001380	62278	CJ88	VENDOR1	410000	V2	Input GST
	0	Plant & machinery	4500022450	10	W.FXA.43001801	5000000012	2018	UT90	5105609615	5100000027	5000001400	62456	CJ88	VENDOR1	410000	V2	Input GST
	0	Plant & machinery	4500022450	10	W.FXA.43001801	5000000012	2018	UT87	5105609612	5100000024	5000001400	62456	CJ88	VENDOR2	410000	V2	Input GST
	0	Plant & machinery	4500022450	10	W.FXA.43001801	5100000024	2018	UT87	5105609612	5100000024	5000001400	62456	CJ88	VENDOR2	410000	V2	Input GST
	0	Plant & machinery	4500022450	10	W.FXA.43001801	5100000024	2018	UT90	5...			62456	CJ88	VENDOR1	410000	V2	Input GST
	0	Plant & machinery	4500022450	20	W.FXA.43001801	5000000013	2018	UT88	5105609613	5100000025	5000001401	62456	CJ88	VENDOR2	410000	V2	Input GST
	0	Plant & machinery	4500022450	20	W.FXA.43001801	5000000013	2018	UT92	5105609617	5100000029	5000001401	62456	CJ88	VENDOR1	410000	V2	Input GST
	0	Plant & machinery	4500022450	20	W.FXA.43001801	5100000025	2018	UT92	5105609617	5100000029	5000001401	62456	CJ88	VENDOR1	410000	V2	Input GST
	0		4500022450	20	W.FXA.43001801	5100000025	2018	UT88	5105609613	5100000025	5000001401	62456	CJ88				GST
	0		4500022450	30	W.FXA.43001801	5000000014	2018	UT91	5105609616	5100000028	5000001402	62456	CJ88	VENDOR1	410000	V2	Input GST
	0	Plant & machinery	4500022450		W.FXA.43001801	5000000014	2018	UT89	5105609614	5100000026	5000001402	62456	CJ88	VENDOR2	410000	V2	Input GST
	0	Plant & machinery	4500022450		W.FXA.43001801		2018	UT89	5105609614	5100000026	5000001402	62456	CJ88	VENDOR2	410000	V2	Input GST
	0	Plant & machinery	4500022450	30	W.FXA.43001801	5100000026	2018	UT91	5105609616	5100000028	50000...				410000	V2	Input GST
3000																	
3002	0	Asset Lifecycle Re	4500022432	10	W.FXA.43001801	5100000001	2018	UT55	5105609573	5100000001		62256	CJ88	VENDOR1	476500	V1	Input GST

Multiple views with Fiori Dashboards

Addon with Switch framework

Product Features

❖ Enterprise App for Asset Lifecycle Tracking – SSL002 & SSLUI002 components

❖ SAP Add-on built on SAP Financials > Fixed Assets > Information System

❖ Application extension built on SAP's standard reporting framework for Asset Accounting

❖ Support all SAP ECC versions starting with EHP 7 NW 7.4 including S/4HANA (1511/1610/1709)

❖ Supports both SAP Gateway Central Hub and Embedded Deployment for SAP Fiori

❖ Plug & Play implementation via installation based methodology
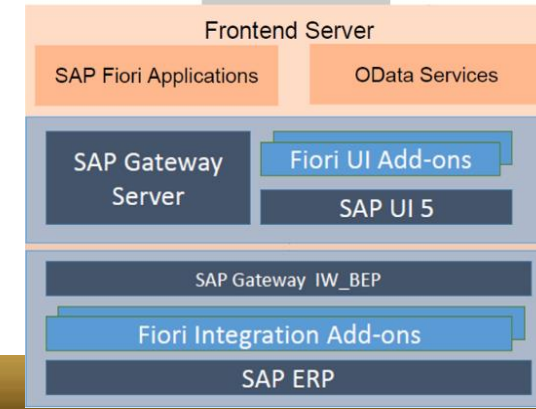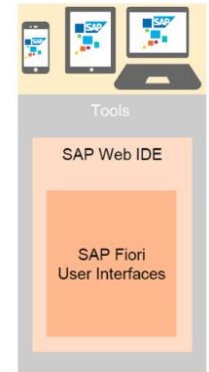
Financial Accounting
- General Ledger
- Accounts Receivable
- Accounts Payable
- Banks
- Fixed Assets
- Special Purpose Ledger
- Additional Functions
  - Down Payment Chains
  - Asset Lifecycle Tracking
    - /SSL/ALC_GEO - Geo Tagging for Asset Lifecycle Tracking
    - /SSL/ALC_SWITCH - Extension Switch for Asset Lifecycle Tracking
    - /SSL/ALC_UI - User Personalization for Asset Lifecycle Tracking
  - Amortization of Accruals

Country-Specific Functions
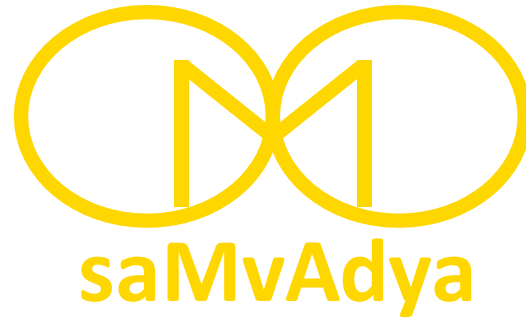- India
  - FIAAIN_PO_TRACK - Tracking of Assets

Installed Software

Installed Software Component Versi | Installed Product Versions

Component	Release	SP-Level	Support Package	Short Description of Component
SSL001	100_740	0002	SAPK-17402INSSL001	Samvadya Add-on: Amortization of Accrual
SSL002	100_740	0000	-	Samvadya Addon: Asset Lifecycle Tracking
SSLUI001	100_750	0001	SAPK-17501INSSLUI001	Samvadya Add-on: Amortization of Accrual
SSLUI002	100_750	0000	-	Samvadya Addon: Asset Lifecycle Tracking

Tools
SAP Web IDE
SAP Fiori User Interfaces

Frontend Server
SAP Fiori Applications | OData Services
SAP Gateway Server | Fiori UI Add-ons | SAP UI 5
SAP Gateway IW_BEP
Fiori Integration Add-ons
SAP ERP

saMvAdya

Thank You

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