

Topic: SAP's Solution Approach for GST

Development Strategy including Pre-requisites



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Agenda

- **Goods and Service Tax India**
 - Areas of Impact
 - Solution Proposals
- **Pre-requisites**

GST: Areas of Impact

Tax Registration

Define GST Registration levels

Master Data Maintenance

Business Partner Tax Data, GST Accounts

Tax Configuration & Computation

Configure Tax and Pricing procedures; Tax computation

Document Numbering

Outgoing Invoice Numbering

Business Process Localization

Extend Support to currently localized Business Processes

GST Tax Postings

GST Input and Output Tax postings

Utilization

Input tax credit utilization against payable for GST Taxes

Reporting

Tax Register

Tax Registration

GSTIN – GST Identification number

- Single registration for CGST, SGST and IGST
- Individual registration to be obtained in each state of business establishment
- PAN based registration number – Up to 15 characters in length



Tax Registration - Proposed Solution

Capture GST registration at Business Place level

Company Code	IN47	India Model Company, IN
Business Place	IN47	Corporate Treasury

Tax information	
Rep's Name	
Type of Business	
Type of Industry	
Tax Number 1	
Tax Number 2	
Dis. Tax Office	
Signer of Tax Inv	
GST Reg. No	

Master Data Maintenance

Business Partner Tax Data

- GST reg. no. to be captured for each Registered Customer and Vendor

GST Tax Accounts

- Separate tax A/P and A/R accumulation might be required at GST registration level
- To be defined for CGST, SGST and IGST separately



Vendor GST Registration- Proposed Solution

 **Change Vendor: Control**

   Tax categories Certificates Ireland RCT data

Vendor India Vendor

Account control

Customer

Authorization

Trading Partner

Corporate Group

Tax information

Tax Number 1

Tax number type

Tax Number 2

Tax type

Tax Number 3

Tax Number 4

Tax base

Customer GST Registration- Proposed Solution

Create Customer: General Data

 Other Customer Company Code Data  

Customer

Address **Control Data** **Payment Transactions**

Account control

Vendor		Authorization	
Trading Partner		Corporate Group	

Reference data/area

Location no. 1		Location no. 2	
Industry			

Tax information

Tax Number 1		Tax number type	
Tax Number 2		Tax type	
Tax Number 3	AHKJF5674N124KA		
Tax Number 4			

Tax Account - Proposed Solution

Business Place based G/L account determination – Both for MM and SD

New Entries: Overview of Added Entries



Chart of Accts

CAIN

Transaction

JOS

India Tax Account Determination

	Tax code	Business place	G/L Account	
		IN01	51010100	
		IN02	50200000	
				

Tax Configuration and Computation

- Intra-state transactions
 - CGST and SGST applicable
- Inter-state/Import transactions
 - IGST applicable
- Export Transactions
 - Zero rated
- Region level rate variations may exist
- New condition types/access sequences and account determination



Tax Configuration and Computation- Proposed Solution

Tax Procedure – New Condition Types

Procedure TAXINN IN; India taxes new															
Control															
Reference Step Overview															
	Step	Co...	CTyp	Description	Fro	To	Ma...	R...	St...	P	SuTot	Reqt	CalTy...	BasT...	Acc...
	930	0	MWAS	Output Tax	100	100	☐	☐	☐						MWS
	931	0	MWVS	Input tax	100	100	☐	☐	☐						VST
	990	0	JICG	IN: Central GST	100	100	☐	☐	☐						JIC
	991	0	JISG	IN: State GST	100	100	☐	☐	☐						JIS
	992	0	JIIG	IN:I GST	100	100	☐	☐	☐						JII

Tax Configuration and Computation- Proposed Solution

SD Pricing Procedure – New Condition Types

[illegible]

Tax Configuration and Computation- Proposed Solution

SD Access Sequence

Condition type

Key Combination

☒ Customer/Material

☐ Material

☐ Country/PlntRegion/Region/TaxCl1Cust/TaxCl.Mat

☐ Country/State/Customer Classif.1/Material Classification 1

☐ Country/PlntRegion/Region/Material

☐ Country/Plant/Ctrl code/Material

☐ ☐

Tax Configuration and Computation- Proposed Solution

MM Access Sequence

Condition type

 Key Combination 

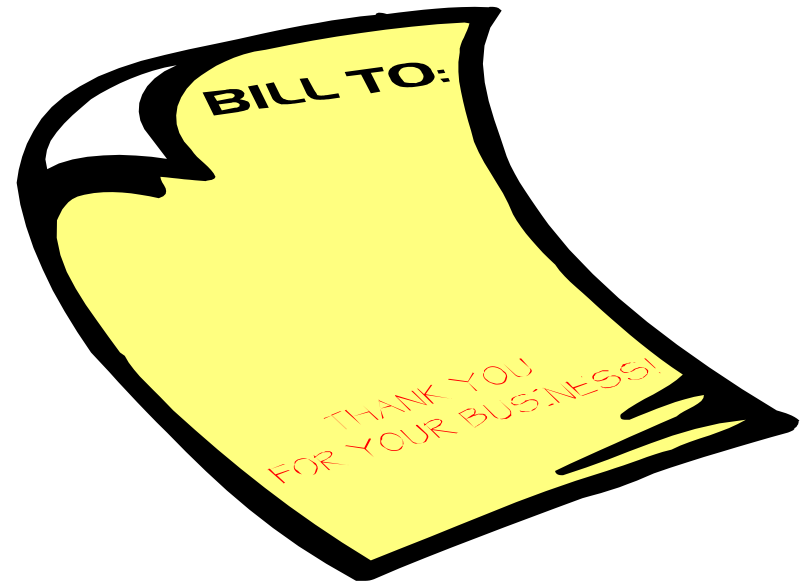
☒ Vendor/Material/PlntRegion
☐ Matl Group/PlntRegion
☐ Country/Ctrl code/TaxCl.Mat/PlntRegion
☐ Country/Region/PlntRegion

Document Numbering

Unique sequential numbering for outgoing GST invoices

- Criteria for legal numbering may be specified by govt.
- It could be for example:
 - Registration level
 - Document type (Invoice / Credit Memo)
 - A combination of above
 - ...



Document Numbering- Proposed Solution

Maintain Document Class

Display View "Maintain Document

Country

Maintain Document Classes

D...	Text	
IN	Document class India	

Document Numbering- Proposed Solution

Assign Document class to Document Types

Country India

Assign Document Classes to Document Types				
	Type	Description	D...	Text
☐	RE	Invoice - Gross	IN	Document class India
☐	WA	Goods Issue	IN	Document class India
☐	WE	Goods Receipt	IN	Document class India
☐	WI	Inventory Document	IN	Document class India
☐				

Document Numbering- Proposed Solution

Assign Number Range to Business Place

Display View "Assign Number Ranges to Business Places":

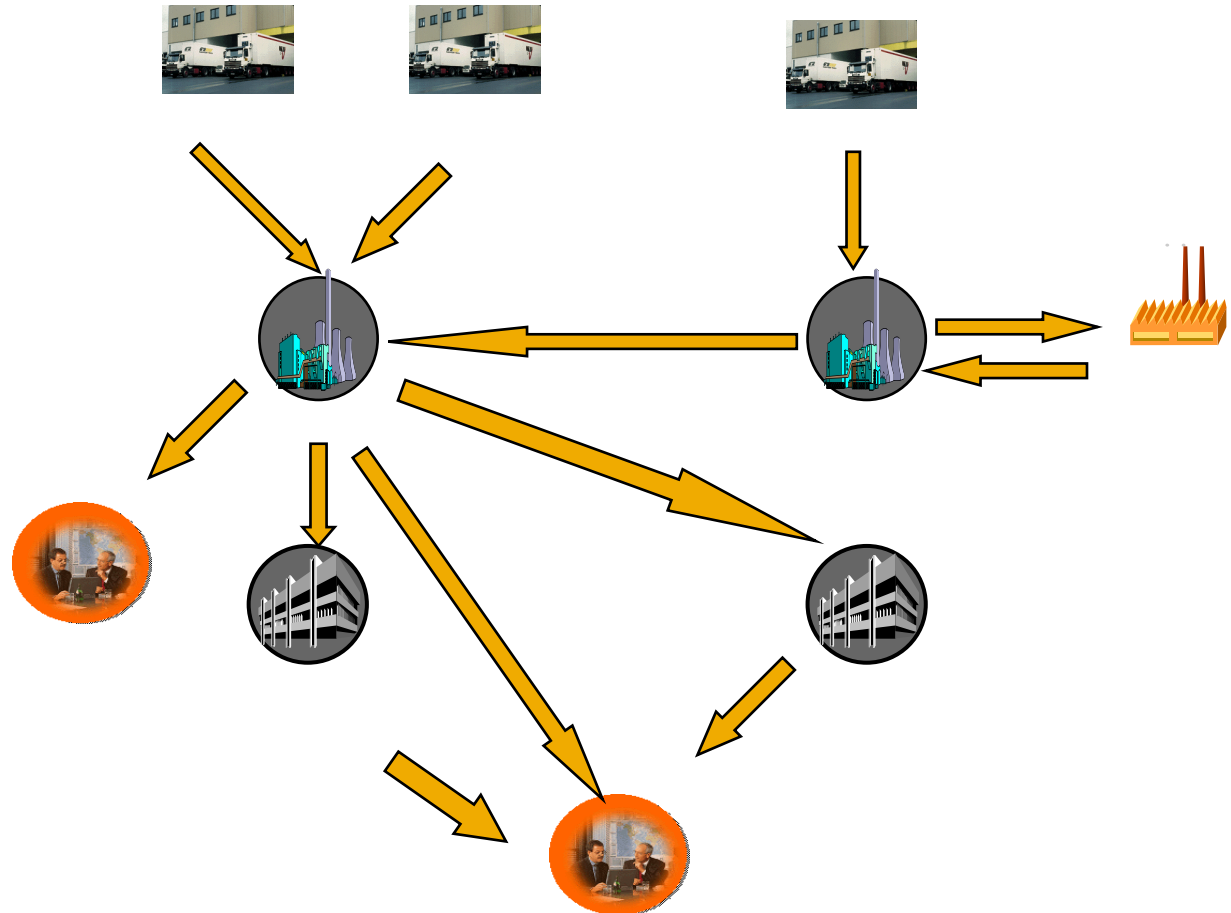


Assign Number Ranges to Business Places

	CoCd	BP	D...	Date	Exp. date	Prefix	No. gp	No	EINV Rele	
	IN47	IN47	IN	01.0...	31.12.2003	IN	IN01	01	☐	

Business Process Localization

- Sales Processes
- Procurement Processes
- Stock Transfers
- Subcontracting
- Others



Sales - Proposed Solution

Sales Order

Sales Document Item10Item categoryTANStandard ItemMaterialSPAREPARTSSpare parts for building automobiles

Sales A

Sales B

Shipping

Billing Document

Conditions

Account assignment

Schedule lines

Quantity10KG

Net20.000,00INR

Tax5.400,00

Pricing Elements

	N..	CnTy	Name	Amount	Crcy	per	U...	Condition value	Curr.	Status
	PR00		Price	2.000,00	INR		1 KG	20.000,00	INR	
	JOCG		IN: Central GST	13,000	₹			2.600,00	INR	
	JOSG		State GST	14,000	₹			2.800,00	INR	

Sales - Proposed Solution

Billing Document (A/R)

 **Invoice 90000003 (F2) Display: Item Data**

  Billing items  Accounting

Item Created by
Item category Created on Time
Material Spare parts for building automobiles
Batch

Item Detail Item Partners Conditions ForTrade/Customs Item Texts PO Data

Quantity Net
Tax

Pricing Elements

	N..	CnTy	Name	Amount	Crcy	per	U...	Condition value	Curr.	Status	Nu
☒	PR00		Price	2.000,00	INR		1 KG	20.000,00	INR		
☒	JOCG	IN:	Central GST	13,000	₹			2.600,00	INR		
☒	JOSG	IN:	State GST	14,000	₹			2.800,00	INR		

Procurement - Proposed Solution

Purchase Order

 **Display Taxes**

Item

10

Material

SPAREPARTS

Net

1.000.000,00

INR

Tax

150.000,00

Pricing Elements

N..	CnTy	Name	Amount	Crcy	per	U...	Condition value	Curr.	Stat
☒		BASB Base Amount					1.000.000,00	INR	
☒		JIIG ☐ IGST Credit	15,000	%			150.000,00	INR	

Procurement - Proposed Solution

Vendor Invoice (A/P)

Enter Incoming Invoice: Company Code IN47

Show PO structure Show worklist  Hold  Simulate  Messages 

Transaction Invoice

Diff. Posting Not Applicable



Basic Data Payment Details **Tax** Withholding tax (  

Tax Data

	D/C	Tax doc.currency	Tax code	
	S	150.000,00	IG (IGST Setof	☐

Calculate tax ☒

Stock Transfers - Proposed Solution

Purchase Order

 **Display Taxes**

Item

Material

Net

Tax

Pricing Elements

	N..	CnTy	Name	Amount	Crcy	per	U...	Condition value	Curr.
☒	BASB		Base Amount					1.000,00	INR
☒	JIIG	☐	IGST Credit	15,000	₹			150,00	INR

Stock Transfers - Proposed Solution

Replenishment Delivery from sending plant

 **Replenishment Dlv. 80044047 Display: Overview**

 | Post Goods Issue

Outbound deliv.  Document Date
Ship-to party  CIn customer / bangalore

Item Overview

Picking

Loading

Transport

Status Overview

Goods Movement Data

Pick Date/Time OvrllPickStatus Fully picked
Warehouse No. OverallWMStatus No WM trnsf ord reqd

All Items

Itm	Material	Plnt	SLoc	Deliv. Qty	Un	Picked Qty	Un	Batch	B..	P	V	Stag. Date	Matl...
10	BATCH_TEST50	IN49	0001	10	EA	10	EA		☒	C		13.05.2015	00:00:00

Stock Transfers - Proposed Solution

Outgoing GST Invoice

- 'Consideration' Value for tax calculation.
- Will it be a pure tax Document? Example:

G/L Account Description	Amount	Currency	Debit/Credit
GST Clearing Account	150.00	INR	DR
Output IGST	150.00-	INR	CR

- OR, Will it be a GST Invoice with an account receivable? Example:

G/L Account Description	Amount	Currency	Debit/Credit
Account Receivable	1150.00	INR	DR
Internal Replenishment Revenue	1000.00-	INR	CR
Output IGST	150.00-	INR	CR

Stock Transfers - Proposed Solution

Goods Receipt at receiving plant

General

Vendor

Doc. info

Document Date

13.05.2015

Delivery Note

0080044047

Vendor

Plant In49 Vendor

Posting Date

13.05.2015

Bill of Lading

HeaderText

☐

Individual Slip

Line	Mat. Short Text	Qty in UnE	E...	SLoc	Bu...	Batch	Valuation
1	Batch test only in IN50	10	EA	Location 0001	IN01	0000001613	

Stock Transfers - Proposed Solution

Incoming GST Invoice

- 'Consideration' Value for tax calculation.
- Will it be a pure tax Document? Example:

G/L Account Description	Amount	Currency	Debit/Credit
GST Clearing Account	150.00-	INR	CR
Input IGST	150.00	INR	DR

- OR, Will it be a GST Invoice with an account receivable? Example:

G/L Account Description	Amount	Currency	Debit/Credit
Account Payable	1150.00-	INR	CR
GR/IV Clearing	1000.00	INR	DR
Input IGST	150.00	INR	DR

Subcontracting - Proposed Solution

Purchase Order

S..	I..	I	Material	Short Text	PO Quantity	O...	C	Deliv. Date	Net Price	Curr...	Per
⚠	10	L	SPAREPARTS	Material from different location	10	G	D	13.05.2015	14.000,00	INR	1
										INR	
										INR	
										INR	
										INR	
										INR	

Default Values Addl Planning

Item [10] SPAREPARTS , Material from different lo...

▲ ▼

Material Data

Quantities/Weights

Delivery Schedule

Delivery

Invoice

Conditions

Texts

Delivery Address

Material group

p1

IUID-Relevant

Revision Level

Components

Vendor mat. no.

EAN/UPC

Explode BOM

Vendor sub-range

Subcontracting - Proposed Solution

Purchase Order - Components



Processing Components: Component Overview



Collective entry Detailed entry

Material

SPAREPARTS

Material from different location

Plant

IN47

Release Date

13.05.2015

Quantity

0,010

Delivery date

13.05.2015

Component Overview

	Material	Description	Requirement qty	U...	Q.	Plant	Pr...	Supply Area	Reqmt Date
	IRON		15,000	KG	☐	IN47			13.05.2015
	ALUMINIUM	Aluminium foils for ...	20,000	KG	☐	IN47			13.05.2015

Subcontracting - Proposed Solution

Purchase Order - Taxes

Item	10	Material	SPAREPARTS	
		Net	140.000,00	INR
		Tax	37.800,00	

Pricing Elements											
	N..	CnTy	Name	Amount	Crcy	per	U...	Condition value	Curr.	Status	N
	☒		BASB Base Amount					140.000,00	INR		
	☒		JICG IN: Central GST	13,000	₹			18.200,00	INR		
	☒		JISG ☐ State GST	14,000	₹			19.600,00	INR		

Subcontracting - Proposed Solution

Transfer Posting

Enter Transfer Posting: Overview

  To Reservation... To Order... To Purchase Order...

Posting Date

Items

Item	Quantity	EU	Material	Plnt	SLoc	Batch	Re	MvT	S	S
		BUn	Material Description				Reserv.No.	Itm		FI
1	20,000	KG	ALUMINIUM	IN47	0001			541		-
			Aluminium foils for Manufacturing							
2	15,000	KG	IRON	IN47	0001			541		-
			iron							

Subcontracting - Proposed Solution

Outgoing GST Invoice

- 'Consideration' Value for tax calculation.
- Will it be a pure tax Document? Example:

G/L Account Description	Amount	Currency	Debit/Credit
GST Clearing Account	37800.00	INR	DR
Output CGST	18200.00-	INR	CR
Output SGST	19600.00-	INR	CR

- OR, Will it be a GST Invoice with an account receivable? Example:

G/L Account Description	Amount	Currency	Debit/Credit
Account Receivable	177800.00	INR	DR
Internal Replenishment ?	140000.00-	INR	CR
Output CGST	18200.00-	INR	CR
Output SGST	19600.00-	INR	CR

Subcontracting - Proposed Solution

Goods Receipt

Goods Receipt

Purchase Order

Plant

IN47

General

Vendor

Document Date

13.05.2015

Delivery Note

Vendor

MIGO

Posting Date

13.05.2015

Bill of Lading

HeaderText

☐

Individual Slip

Line		Mat. Short Text	OK	Qty in UnE	E...	SLoc
1		Material from different location	☒	10	G	Location 0001
1		Aluminium foils for Manufacturing	☒	20,000	KG	
1		iron	☒	15,000	KG	

Subcontracting - Proposed Solution

Incoming GST Invoice

- 'Consideration' Value for tax calculation.
- Will it be a pure tax Document? Example:

G/L Account Description	Amount	Currency	Debit/Credit
GST Clearing Account	37800.00-	INR	CR
Input CGST	18200.00	INR	DR
Input SGST	19600.00	INR	DR

- OR, Will it be a GST invoice with an account payable? Example:

G/L Account Description	Amount	Currency	Debit/Credit
Account Payable	177800.00-	INR	CR
GR/IV Clearing	140000.00	INR	DR
Input CGST	18200.00	INR	DR
Input SGST	19600.00	INR	DR

GST Tax Postings

- Separate accumulation of credit and payables for
 - CGST
 - SGST
 - IGST
- Separate accumulation at Registration level
- Automatic Tax posting to respective accounts from business processes

GST Tax Postings - Proposed Solution

Billing (A/R) Accounting Document





 Taxes
  Display Currency
  General Ledger View

Data Entry View

Document Number	40001	Company Code	IN47	Fiscal Year	2015
Document Date	08.05.2015	Posting Date	08.05.2015	Period	2
Reference	00900000003	Cross-Comp.No.			
Currency	INR	Texts exist	☐	Ledger Group	



C...	Itm	PK	S	Account	Description	Amount	Curr.	Tx
IN47	1	01		CUST_KTK	Customer for Automobil...	25.400,00	INR	A
	2	50		811600	Sales/Revenue Acc	20.000,00-	INR	A
	3	50		51010100	Central GST	2.600,00-	INR	A
	4	50		50200000	State GST	2.800,00-	INR	A

GST Tax Postings - Proposed Solution

Vendor Invoice (A/P) Accounting Document

 Taxes  Display Currency  General Ledger View

Data Entry View

Document Number	1000000695	Company Code	IN47	Fiscal Year	2015
Document Date	13.05.2015	Posting Date	13.05.2015	Period	2
Reference		Cross-Comp.No.			
Currency	INR	Texts exist	☐	Ledger Group	



It...	CoCode	G/L Account	PK	S	Account	Description	Assignment	Amount	Curr.
1	IN47	13110000	31		MIGO	MIGO		1.150.000,00-	INR
2		13110100	86		13110100	GR/IR-ext proc	450001618200010	1.000.000,00	INR
3		1000003	40		1000003	IGST Account	20150513	150.000,00	INR

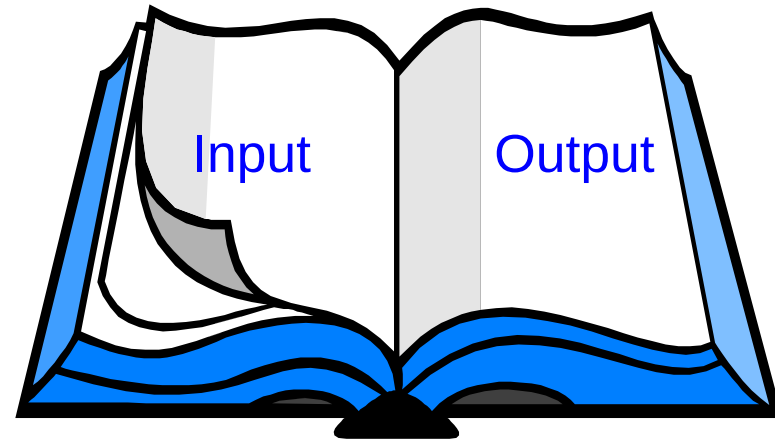
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Public

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Utilization

- Utilization of Input tax credit would be as under
 - Input CGST to be utilized against output CGST and IGST
 - Input SGST to be utilized against output SGST and IGST
 - Input IGST to be utilized against output IGST, CGST and SGST in the order of IGST, CGST and SGST



Utilization - Proposed Solution

New Utilization program to handle GST credit utilization

Monthly Utilization



General Data

Company Code

Business Place

☒



GST Invoice selection

Period

GST Invoice

07.05.2015

to

to





Display Last Utilization date

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Public 40

Utilization - Proposed Solution

Cross Utilization as per GST rules

Utilization Edit System Help

Monthly Utilization

Taxes

Ind	Taxes	Payable Amount	Amount Remaining
CGST	CGST	324.899,00	324.899,00
SGST	SGST	129.006,00	129.006,00
IGST	IGST	2.019,00	2.019,00

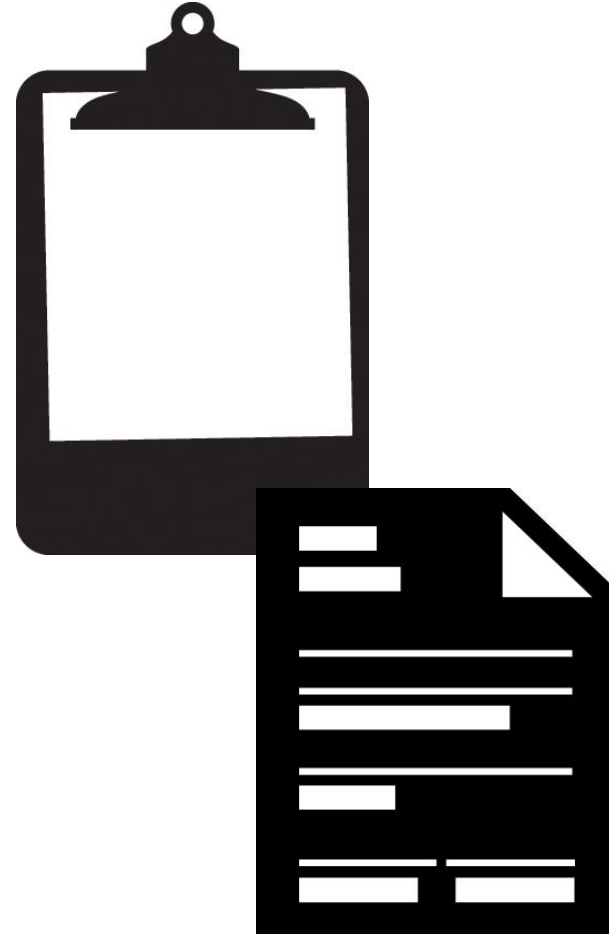
Select Tax

Utilization for CGST

Account Name	Available Balance	Utilized	Rem Balance
CGST	174,16		174,16
IGST	2.019,00		2.019,00

Reporting

- Tax register
 - CGST
 - SGST
 - IGST
- Registration level segregation



Tax Register - Proposed Solution

Advance Return for Tax on Sales/Purchases				
   				
Company code		to		
Document Number		to		
Fiscal Year		to		
General selections				
Posting date		to		
Reference number		to		
 Further selections				
Further selections				
Taxes on sales/purchases group		to		
Fiscal period		to		
CPU date		to		
Document date		to		
Tax Reporting Date		to		
Tax on sales/purchases code		to		
Transaction		to		
Special G/L ind.		to		
Business Place		to		

Pre-requisites

- Tax Procedure
 - TAXINN

- Minimum Support Pack level
 - SAP Note no 1175384

SAP_APPL Release	Support Pack
SAP ERP 6.0 (600)	SP 26
EHP2 FOR SAP ERP 6.0 (602)	SP 16
EHP3 FOR SAP ERP 6.0 (603)	SP 15
EHP4 FOR SAP ERP 6.0 (604)	SP 16
EHP5 FOR SAP ERP 6.0 (605)	SP 13
EHP6 FOR SAP ERP 6.0 (606)	SP 14
EHP6 FOR SAP ERP 6.0 for HANA (616-SAP HANA)	SP 08
EHP7 FOR SAP ERP 6.0(617)	SP 07



Thank you

Contact information:

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SAP

