SAVIC

www.savictech.com

SAVIC Solution for Discrete Manufacturing Industry

# Manufacturing@SAVI with GST Solution

Manufacturing@SAVI is an SAP-Qualified Partner Solutions on SAP S/4HANA edition, for SAP Business All-in-One for Discrete Manufacturing Industries in India. Streamline the implementation process, bring together software, best practices, statutory and compliance of legal and management reporting with our manufacturing Industry solution.

*SAP Performance Benchmarking

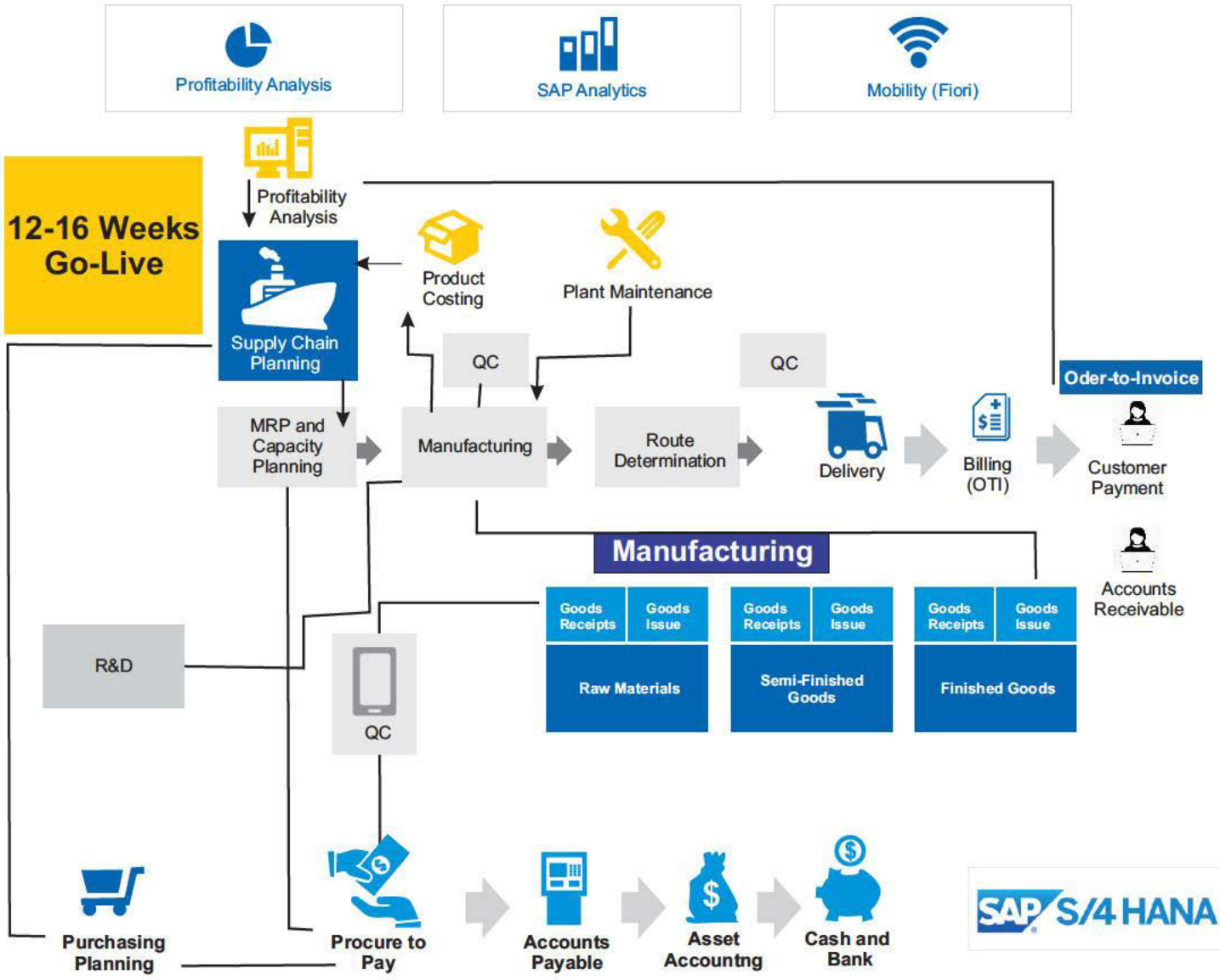
# Manufacturing@SAVI
# SAP S/4HANA Enterprise Management

## Optimize Your Entire Manufacturing Operation

- Efficiency across geographically distributed manufacturing plants & supply networks
- Increase in efficiency and reduce manufacturing costs
- Ability to identify the right suppliers and connect strategic sourcing and procurement
- Improve financial and managerial reporting thereby augmenting corporate performance
- Ensure on-time delivery by integrating and automating end-to-end business processes
- Improve customer satisfaction with more accurate order tracking and proactive quality control
- Access real time manufacturing data to make faster decisions
- Forecast and plan complex configurable products
- Automate operational processes to reduce human errors, eliminate manual tasks and avoid maverick buying
- Minimize resource usage, waste and industrial casualties
- Provide One broad platform for multiple industries
- Provide harmonized shipment cycle to all customer of new releases
- Platform for all industries, benefit for cross-industry

# Manufacturing@SAVI

## Implementation End-To-End Solution Map



# SAP S/4HANA Enterprise Management

## Key Innovations

### Procurement

Self-service requisitioning SAP Fiori apps and SAP Smart Business, component for KPI modeling Purchase order and invoice collaboration with built-in integration with the Ariba Network Supplier evaluation

### Manufacturing

Simplified production planning (PP) and detailed scheduling (DS) in SAP ERP powered by SAP HANA Enhancements to SAP Overall Equipment Effectiveness Management: Editing and synchronization of plant maintenance notifications; machine scanning to trigger goods issue and goods receipt; add-on for SAP ERP enabled for SAP S/4HANA Real-time inventory management, simplified material valuation, and new SAP Fiori apps

### Real-Time Supply Chain

Real-time inventory management

Simplified material valuation

Solutions operating side by side with SAP S/4HANA

- SAP Advanced Planning and Optimization
- SAP Supply Network Collaboration
- SAP Extended Warehouse Management (SAP EWM)
- SAP Transportation Management (SAP TM)

SAP Integrated Business Planning connected to SAP S/4HANA through cloud integration technology

### Sales

Full backward compatibility of SAP CRM with side-by-side deployment with SAP S/4HANA. Integration of SAP Hybris Cloud for Customer with SAP S/4HANA. Settlement management. Sales order fulfillment cockpit

### Product Innovation & Integrity

SAP Product Lifecycle Management: Usability improvements for product structure synchronization SAP Cloud for Product Stewardship: Enhanced master data management

### SAP ASP

GST Compliance Coverage

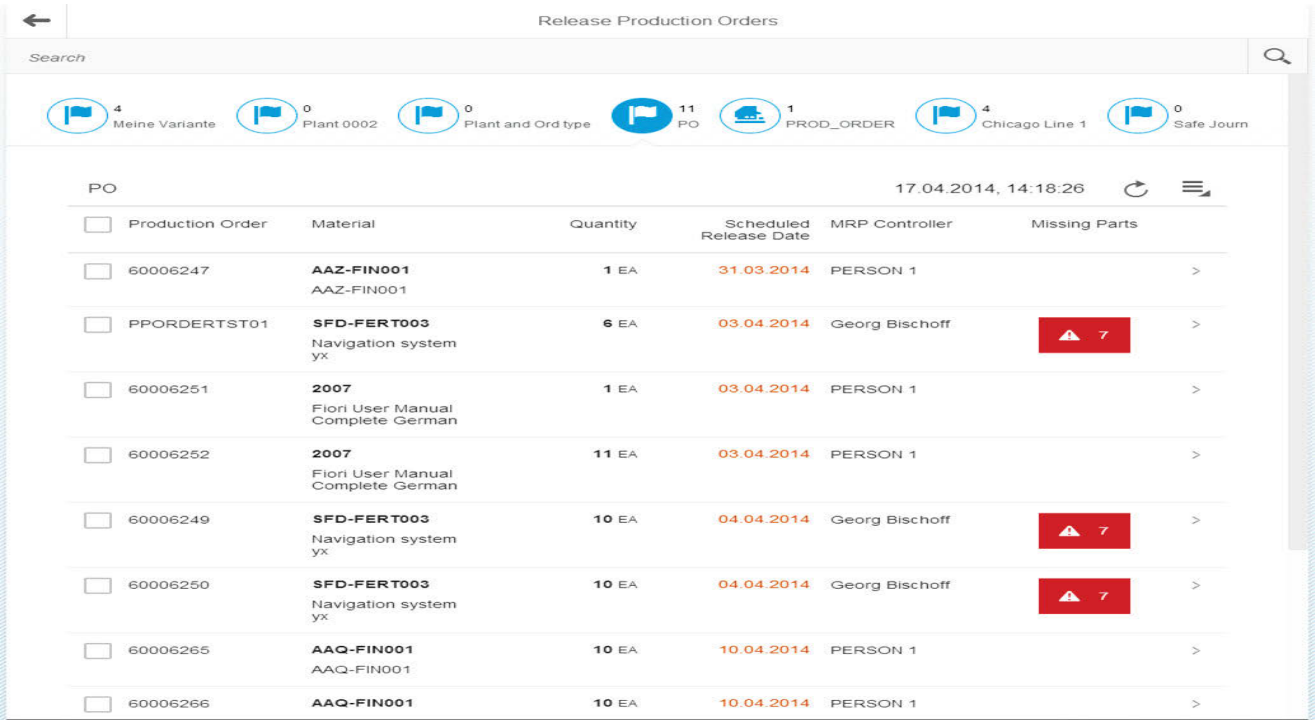
### Advanced ATP

BOP (Backorder Processing) with Introduction of the new "Winner –Gainer –Looser" concept with five confirmation strategies

Release for Delivery: Visualization of the business impact of a material shortage situation allows the user to prioritize his work and concentrate on the real issues

# SAP S/4HANA Enterprise Management

## End to End Solution Map


Release Production Orders
Search
4 Meine Variante
0 Plant 0002
0 Plant and Ord type
11 PO
1 PROD_ORDER
4 Chicago Line 1
0 Safe Journ
PO
17.04.2014, 14:18:26
Production Order
Material
Quantity
Scheduled Release Date
MRP Controller
Missing Parts
60006247 AAZ-FIN001 AAZ-FIN001 1 EA 31.03.2014 PERSON 1
PPORDERTST01 SFD-FERT003 Navigation system yx 6 EA 03.04.2014 Georg Bischoff 7
60006251 2007 Fiori User Manual Complete German 1 EA 03.04.2014 PERSON 1
60006252 2007 Fiori User Manual Complete German 11 EA 03.04.2014 PERSON 1
60006249 SFD-FERT003 Navigation system yx 10 EA 04.04.2014 Georg Bischoff 7
60006250 SFD-FERT003 Navigation system yx 10 EA 04.04.2014 Georg Bischoff 7
60006265 AAQ-FIN001 AAQ-FIN001 10 EA 10.04.2014 PERSON 1
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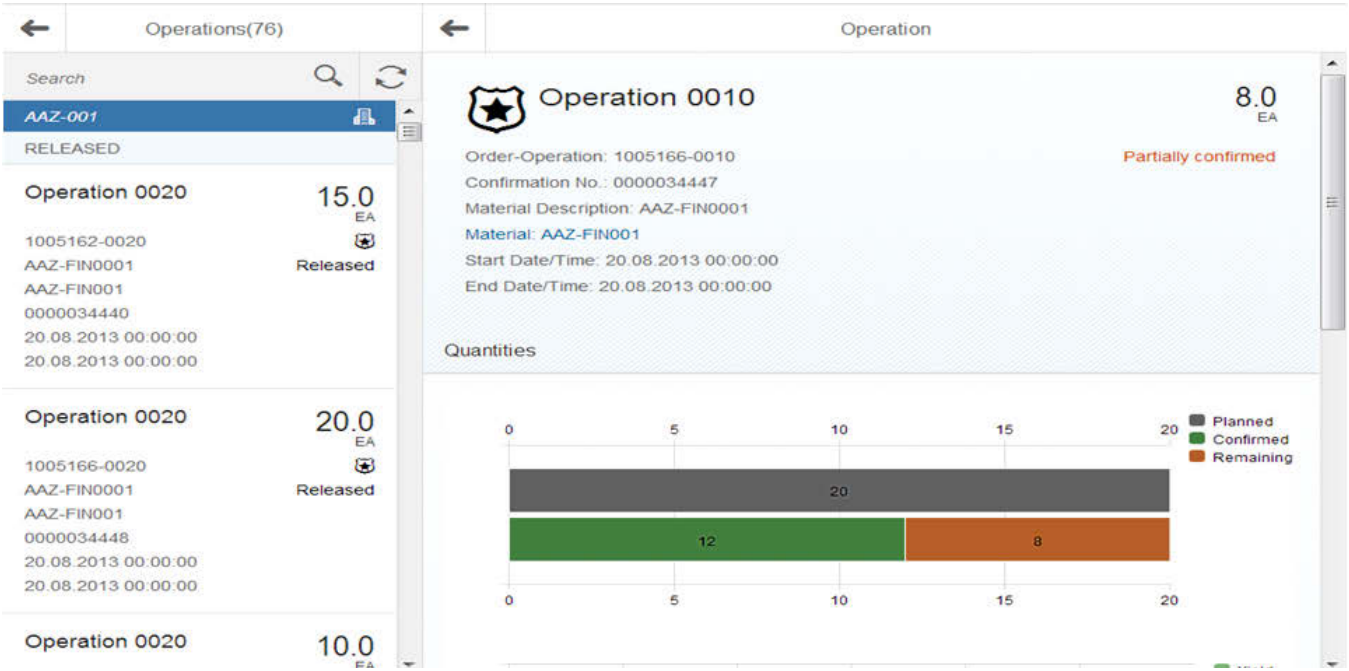
Operations(76)
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AAZ-001
RELEASED
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AAZ-FIN0001
AAZ-FIN001
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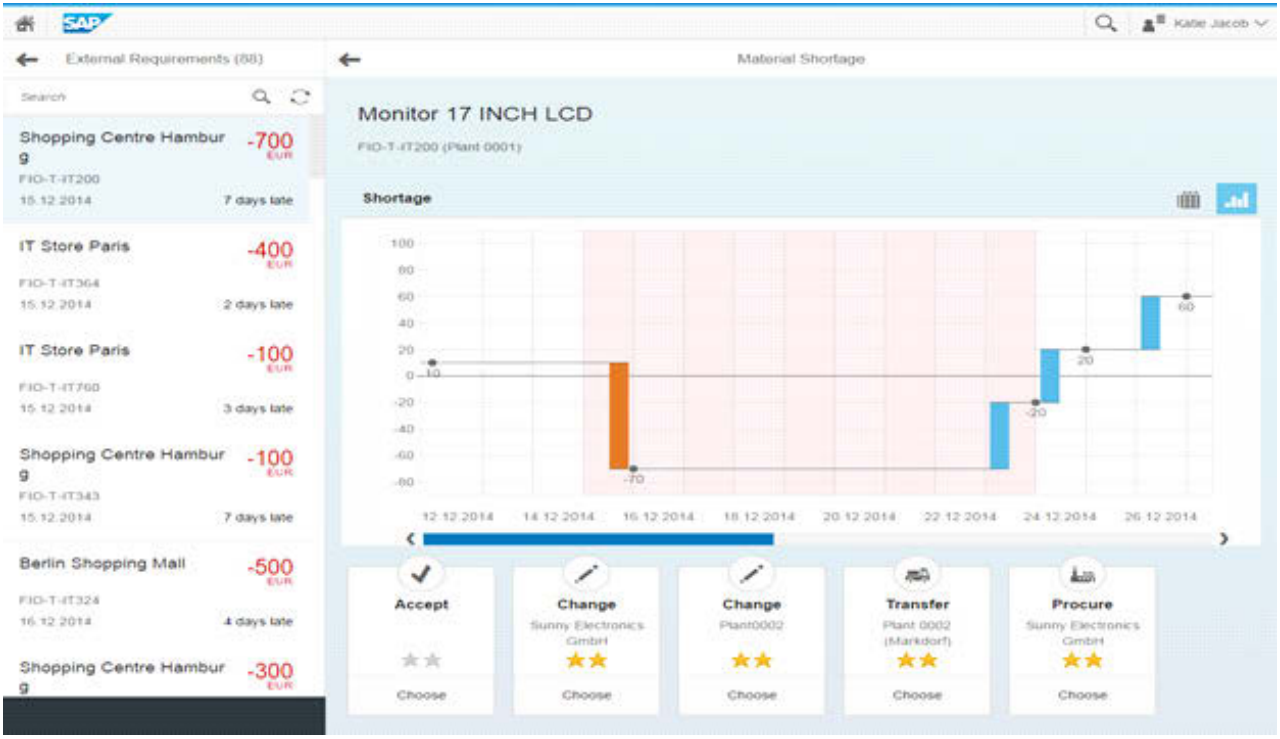
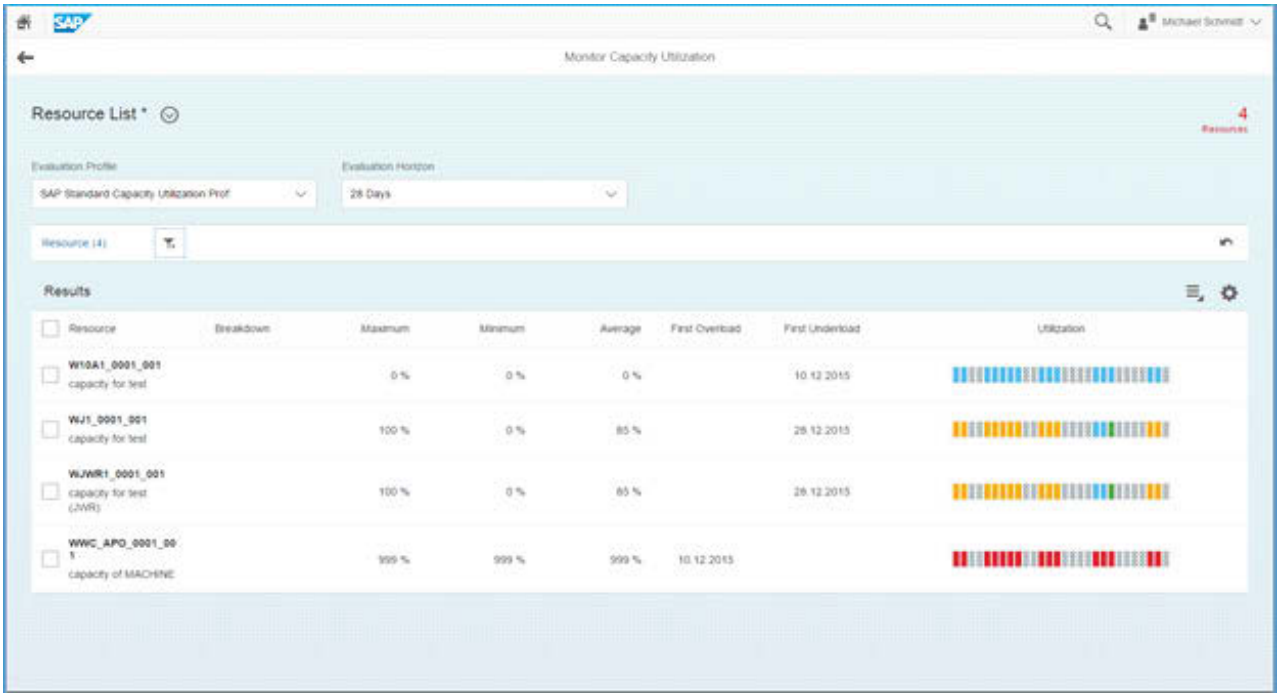
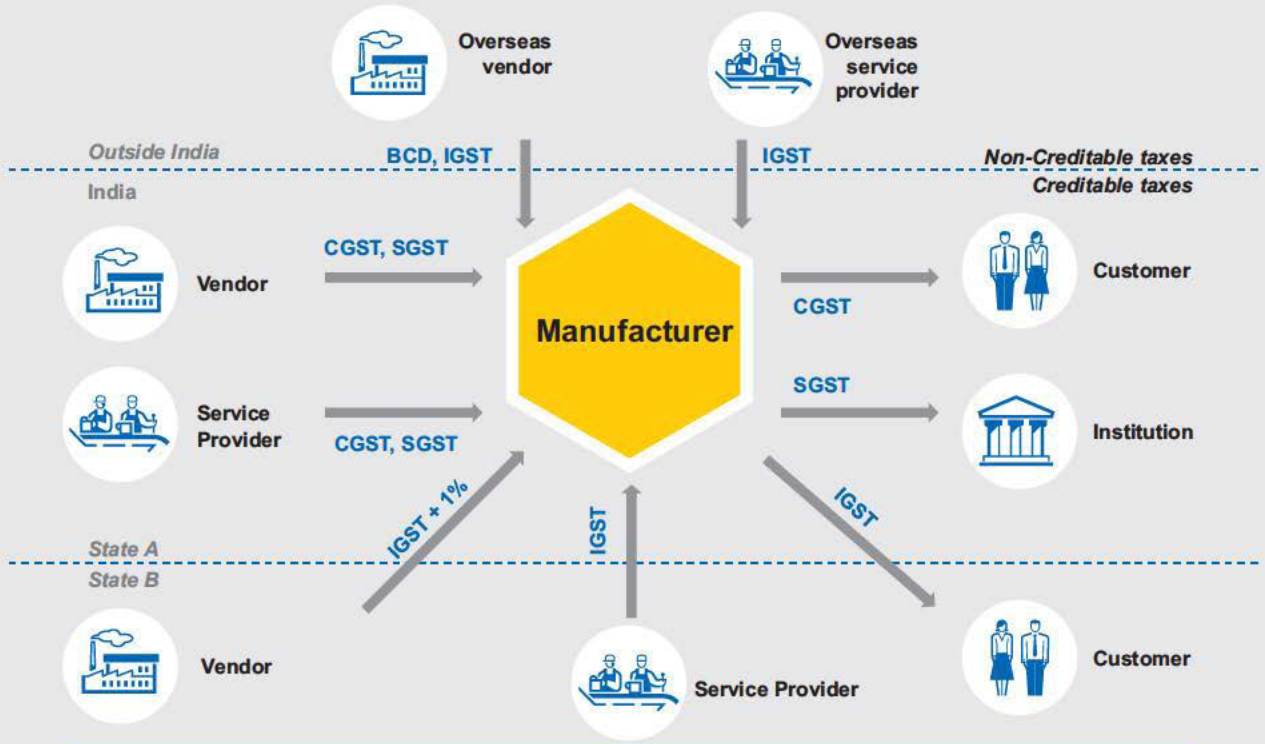
20.08.2013 00:00:00
20.08.2013 00:00:00
Released
Operation 0020
20.0 EA
1005166-0020
AAZ-FIN0001
AAZ-FIN001
0000034448
20.08.2013 00:00:00
20.08.2013 00:00:00
Released
Operation 0020
10.0
Operation
Operation 0010
8.0 EA
Order-Operation: 1005166-0010
Confirmation No.: 0000034447
Material Description: AAZ-FIN0001
Material: AAZ-FIN001
Start Date/Time: 20.08.2013 00:00:00
End Date/Time: 20.08.2013 00:00:00
Partially confirmed
Quantities
0 5 10 15 20
Planned
Confirmed
Remaining
20
12
8
0 5 10 15 20


External Requirements (88)
Search
Shopping Centre Hamburg
-700 EUR
FIO-T-IT200
15.12.2014
7 days late
IT Store Paris
-400 EUR
FIO-T-IT364
15.12.2014
2 days late
IT Store Paris
-100 EUR
FIO-T-IT760
15.12.2014
3 days late
Shopping Centre Hamburg
-100 EUR
FIO-T-IT343
15.12.2014
7 days late
Berlin Shopping Mall
-500 EUR
FIO-T-IT324
16.12.2014
4 days late
Shopping Centre Hamburg
-300 EUR
Material Shortage
Monitor 17 INCH LCD
FIO-T-IT200 (Plant 0001)
Shortage
100
80
60
40
20
0
-20
-40
-60
-80
-10
-70
-20
20
60
12.12.2014
14.12.2014
16.12.2014
18.12.2014
20.12.2014
22.12.2014
24.12.2014
26.12.2014
Accept
Choose
Change
Sunny Electronics GmbH
Choose
Change
Plant0002
Choose
Transfer
Plant 0002 (Markdorf)
Choose
Procure
Sunny Electronics GmbH
Choose


Monitor Capacity Utilization
Resource List *
4
Evaluation Profile
SAP Standard Capacity Utilization Prof
Evaluation Horizon
28 Days
Results
Resource
Breakdown
Maximum
Minimum
Average
First Overload
First Underload
Utilization
W10A1_0001_001
capacity for test
0 %
0 %
0 %
10.12.2015
WJ1_0001_001
capacity for test
100 %
0 %
85 %
28.12.2015
WJWR1_0001_001
capacity for test (JWR)
100 %
0 %
85 %
28.12.2015
WWC_APO_0001_001
capacity of MACHINE
999 %
999 %
999 %
10.12.2015

# Goods and Service Tax*




## Localization India GST*

- Tax Registration
- Business Partner Tax Data, GST Accounts
- Export Transactions – Zero Rates
- Separate accumulation of credit and payables for CGST ,SGST , IGST
- Business Process Localization, Mapping and Accounting
- Master Data Maintenance
- CGST and SGST is applicable
- Document Num : Unique num for GST
- Automatic Tax posting to respective accounts from business processes.
- Sales Processes, Procurement Processes, Stock Transfers, Subcontracting
- Tax Configuration & Computation
- Inter-State and Import Transactions -IGST
- GST Input & Output tax posting
- Reporting, Tax Register (CGST,SGST,IGST), Registration level segregation
- GST Commercial invoice generation.

*Indicative Solution design is based on the Model GST Law. Final solution and pricing may change as per the Notified Act.

# GST Impact on Business

- **Transportation**

  GST will bring in consolidation of the loads and redistributes the transportation volumes, creating a different fleet mix. Identification of these patterns will help framing right transportation contracts.

  GST will integrate the Service and Goods tax with a credit mechanism which will makes 3PL services more viable and attractive for companies. With integrated supply chain and tight linkages, the VAS and the SLA's provided by 3PL's would be worth the cost with the services credit available in GST.

- **Warehousing**

  State level barriers and the CST for interstate movements has led to setting up of warehouses /Distribution Centers across the country (one or more per state). With GST, tax will be levied on the stock transfer and credit will be available on inter-state transactions. This will free the decision on warehousing and distribution from tax considerations and be based purely on operational and logistics efficiency. From Infrastructure point of view this will lead to lesser number but larger warehouses.

- **Manufacturing**

  The existing tax regime caused sub-optimal inventory decisions, guided more by tax minimization than by customer SLAs. Post GST, strategic inventory placement is possible achieving higher customer service level for the same inventory investment, or lower inventory investment for the same service level.

- **Supply Chain**

  With GST subsuming multiple central and state taxes, a uniform tax regime will drive restructuring of the supply chain network. The distortions imposed by the taxation will go away and the logistics networks will be designed to support the speed and efficiency required for that particular product.

- **Procurement**

  With the advent of GST, every tax paying organization will be linked to its suppliers through the GST Network, and will receive tax credits upon tax compliance of its suppliers. This will lead to organizations being very selective and strategic in their choice of suppliers.

- **Sales**

  With GST subsuming multiple central and state taxes, uniform tax regime will drive restructuring of pricing and dealer margins. Pass through effect of taxes will come in and some benefit might be passed on to the channel and/or to the consumer. Price changes and competitor actions will have an integrated and direct correlation to volume/ market share with an effect across India, making real time pricing strategies a key part of strategic decision making.

  In addition changes to supply network and inventory will change product costing, thereby impacting margins as well.

- **Finance**

  In the post GST environment, there will be a need to have a very strong invoice matching process as part of the SOP.

  Organizations risk accruing Input tax credits, which in turn will impact the cash flow immediately. Also the reconciliation is expected to be at line item of the invoice.

  In the advent of GST, there would be a need to closely monitor and calculate the GST payable and tax credits available. In case of inter-state stock transfer, IGST has to be paid in full in the origin state, which is available as credit in the destination state at the time of sale. This has the impact of blocking of working capital from the time of dispatch till the sale in the destination state.

  In the GST environment; there will be a need to use centralized SOP's for various Master datas in the system; tax configurations would need to be centrally monitored and managed. This is best managed if there is system based governance framework for various SOP implementation.

- **Shared Services**

  With the implementation of GST, tax filing is expected to be standardized across India via the GST network. Due to this standardization the shared services team can facilitate local units in tax filing procedures. Also, due to standardization of Invoice formats, the automation of invoice processing in a shared services environment becomes extremely feasible and simple. Hence, there are definite benefits for organizations to setup Shared Services units to facilitate Tax filings, Invoice automation and contract management process as part of their business transformation exercise.

# Why SAVIC?

SAVIC offers a pre-configured solution for Discrete Manufacturing Industry at a Fixed Price, Fixed Time-Frame and Fixed Scope for a proven and low risk solution for emerging companies.

Low risk implementation in 12-16 weeks Go-Live with pre-configuration "Best Practices" specific to the Discrete Manufacturing Industry.

Training Workshops, Test and Business Process Procedures for your users to simplify and accelerate business processes.

SAVIC Help Desk provides 4 weeks of extensive Post Go-Live Support to help you get the most out of your project implementation

## GET IN TOUCH WITH US

**SAVIC TECHNOLOGIES PVT. LTD.**

B-707, Great Eastern Summit, Plot No. 66, Sector-15, C.B.D. Belapur, Navi Mumbai-400614

Phone: +91 22 41312234/35/36
Email: info@savictech.com
Website: www.savictech.com

This is a QR Code. When you take a Picture of this most smart phones, you will be directly connected to our site

Is this cool? Yes.

Can we help you get one? Also Yes.

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