



Forest Products Samadhan ERP



Artificial Intelligence enabled, Microsoft certified ERP solution for your business

Solution Overview

Customer Profile

Manufacturing and selling Wooden Boxes, Cases and crates, Composite Boxes, and other Wood products like Lumber and Boards.

Business Situation—What are we solving?

A typical unit uses disparate software solutions to manage its operations, financials, resources and infrastructure. It has expansion plans in the pipeline, to meet the demands for a much better product and services coupled with pressure on prices. With SAMADHAN solution you will be able to integrate them together with one solution, that also on a very robust platform D 365 F&O.

The units struggle to cope with ever increasing demand of systematic working. The senior management wears many hats, has a hectic routine of long hours every day and find profits difficult to come by. This becomes more challenging when you have variety of products manufactured using multiple category of raw materials and design as multi-level BOM. SAMADHAN has made it easy through PDI (Product design interface) integrated with Item, Sales, Purchase, Manufacturing, Resources and costing structure.

Integrated information of Operations and Finance on a robust international ERP platform is a crying need. Scalability, usability, technology upgrade path and most importantly prior understanding of the manufacturing business is identified as some of the parameters for identifying a suitable platform and an appropriate implementation partner.

Solution at a glance—How are we solving?

A specialized integrated software solution created for manufacturers of customized Forest products manufacturing, on a world class business suite, Microsoft Dynamics 365 F&O addresses the unique needs of a typical company. It gives full control on the Operations and Finance from the time they get an enquiry till delivery to getting a satisfied and happy customer.

While the software is used for the day to day working, Microsoft Dynamics 365 F&O as a reliable and integrated framework manages the Sales, Purchase, Inventory, Manufacturing, Quality, Asset Management, overall Finance & Accounts and customer relationships control.

The natural integration of the solution with Microsoft Office add ins which includes Microsoft Excel, Microsoft Outlook (the communication interface), SharePoint etc. helps the organization in leveraging the information in the integrated solution in multiple ways.

Compelling features of Forest Products SAMADHAN

- Pre- sales costing process through Product design interface, integrated with Product, manufacturing, Purchase, costing and quality.
- Sales quote without creating the Product in beginning stage itself.
- Sample handling
- Auto creation of Items and FG BOM and Route when Quote is approved
- Role specific Workspaces
- Security role configuration according to user's duty & privileges
- Master planning, Cutting plan and execution, Production planning.
- Scrap (Qty and cost) Estimated VS Actual traceability.
- Flexibility to change the Mother RM item at Cutting planning stage.
- Gantt chart view of Production scheduling.
- Approval Workflow configuration.
- Document/ drawing linking facility.
- Die and screen threshold management.
- Quality management of RM, In process and FG
- Multi country statutory compliance.
- Vendor and Customer complaints management.
- Gate management.
- Dispatch schedule and palletization of finished goods
- Works on mobile, tablet and PCs

Covers the entire operations with one integrated solution

All activities starting from Quote to Cash, happen through the solution and hence all controls are enforced in real time, complete information is used in real time and after the activities all areas of this solution are impacted in real-time. Forest Products SAMADHAN solution is specially designed for an industry who are engaged in giving customized wood products solution and Wooden packaging products to their customers. These can be Wooden boxes (with or without pallet), Wooden Euro pallet, Cases and Crates, Honeycomb boxes, Nail less boxes, Corrugated boxes, Composite Boxes made up of various components like: Corrugated Box with Wooden Pallets, Lumber & boards and Foam made components. There may be many more accessories associated with box like foam, steel strips, handles, steel structures etc.

Pre Sales costing in case where there are multilevel bill of material, complex production processes becomes very difficult to manage. Forest Products SAMADHAN has a very unique feature to give the user ease of creating, maintaining, revising the Pre Sales Costing. Product creation process is built with unique controls for preventing risk of duplicate item creation or improper product creation. Auto creation of all items taken into costing will happen on one click after the quote is approved by customer.

Finished FG1 | Standard view

FINISHED GOODS	Length	Thickness	FG unit cost	Price as per reported FG qty	Reported unit
Item code FG-CEC0000152	1,500.00		2,155.3331	3,153,495.1553	22.00
Width	700.00	Grade	FG Reported cost / Base price	Test group	BOM
Description PLYWOOD BOX WITH PALLET-1	Weight 700.00	Default Order Type	None	Route number	BOM : 000000064
		Production	NOS	ROUTE: 000000008	Reported FG quantity Monthly 1,500.00

Subcomponents products/FG BOM Items

Line number	Template name	Category	Item number	Description	Location	UOM	Length	Width	Height	THICK
1	FG-PLYWOOD BOX	FG-PLYWOOD BOX	FG-PLY000000127	PLYWOOD BOX WITH PALLET-10/100/20/70MM-00	PRIMARY	NOS	1,500.00	700.00	750.00	
2	SC-CORRUGATED PRODUCTS	SC-CORRUGATED PRODUCTS	SC-CLIP000000097	CORRUGATED BOARD-5 PLY-48 1/2-21 85-10.5 ECT-112BX150X200L	SEPARATE	NOS	1,125.00	430.00	280.00	
3	CS-FOAM	CS-FOAM	CS-FOAM000000075	EPE FOAM SHEET-100K750X18MM-52 MICHON	BOTTOM	NOS	1,000.00	730.00	0.00	
4	FG-PALLET	FG-PALLET	FG-PAL000000198	PLYWOOD PALLET-FULL DECK-1115X1095X770MM-8 BLOCKS-N/A	PALLET	NOS	1,115.00	1,025.00	770.00	
5		RM-HARDWARE & FASTENERS	RM-HEX000000010	EGUL-HEX HEAD-3/8X150-MM		NOS	0.00	0.00	0.00	
6		RM-ADHESIVES	RM-ADHE000000018	HOT MELT GLUE-4400		NOS	0.00	0.00	0.00	

Proactive action pointers and dashboards in role-tailored user interface

As soon as a user login, he is taken to a user interface with matter relating to his specific role in the organization neatly arranged in dashboards and action pointers. As soon as he logs into the system he gets working and in light of real time information. One click on the action pointers or the dashboard takes the user inside and helps him get a 360 degree view of the subject at hand.

Standard view

Sales order processing and inquiry

Summary

209	0	1107	0	154	104	0		
Unconfirmed	Delivery date changes	Delayed order lines	Orders on hold	Confirmed	Partially shipped	Rejected order lines	All sales orders	All customers

Integrated Master planning (Planning optimization) serves MRP and Production scheduling

The Master plan calculates net requirements. It's based on actual current orders and enables companies to control inventory replenishment on a short-term, day-to-day basis. Another term to describe it's *Net requirements plan*.

The Master planning module determines the supply (materials) and capacity (resources) needs that will meet current demand (the net requirements). It generates the Planned purchase order, Planned production order, Planned transfer order taking into the consideration of time fence define and the net requirement as per Sales orders in hand.

Master planning

Master plan: MASTERPLAN

Summary of the current plan

Planned orders | Calculated delays | Actions | Master planning (COMPLETED) | Intercompany master planning

Master planning
Last run on: 7/12/2023 11:32:14 AM
Run | History

Planned orders

Urgent | Delaying sales | Delaying forecast | Delaying safety stock

Number	Reference	Item number	Requirement quantity	Site	Warehouse
MP-00000807	Planned purchase orders	RM-PLYW000000001	110.27	8004	MAIN-8004
MP-00000808	Planned purchase orders	RM-PLYW000000001	216.68	8004	MAIN-8004
MP-00000809	Planned purchase orders	RM-PLYW000000001	2.15	8006	MAIN-8006
MP-00000810	Planned purchase orders	RM-PLYW000000001	2.15	8006	MAIN-8006
MP-00000811	Planned purchase orders	RM-PLYW000000001	3.34	8006	MAIN-8006

Cutting plan to produce Cut Sizes

FG and Semi-FG Items need the Cut Sizes for production. Cut Sizes are produced from a parent RM, which can be of various sizes. Auto generation of Cutting plan having traceability of Scrap and Cost impact of parent RM adds better control on Cutting operation optimization every day. This benefits as wastage control and production cost control.

Cutting Plan | Standard view

CP-000000000003

Cutting plan header

Document number	Document date	Unit of measure	Site	Resource capacity in running mtr/day	Cost as per old item	Difference cost
CP-000000000003	7/10/2023	SQM	8002	0.00	732.30	0.00
		Cut size sub-category	Machine number	Calculated resource load in running m...	Cost as per new item	Expected scrap in kg
		CS-PLYWOOD	AST005	16.40	732.30	

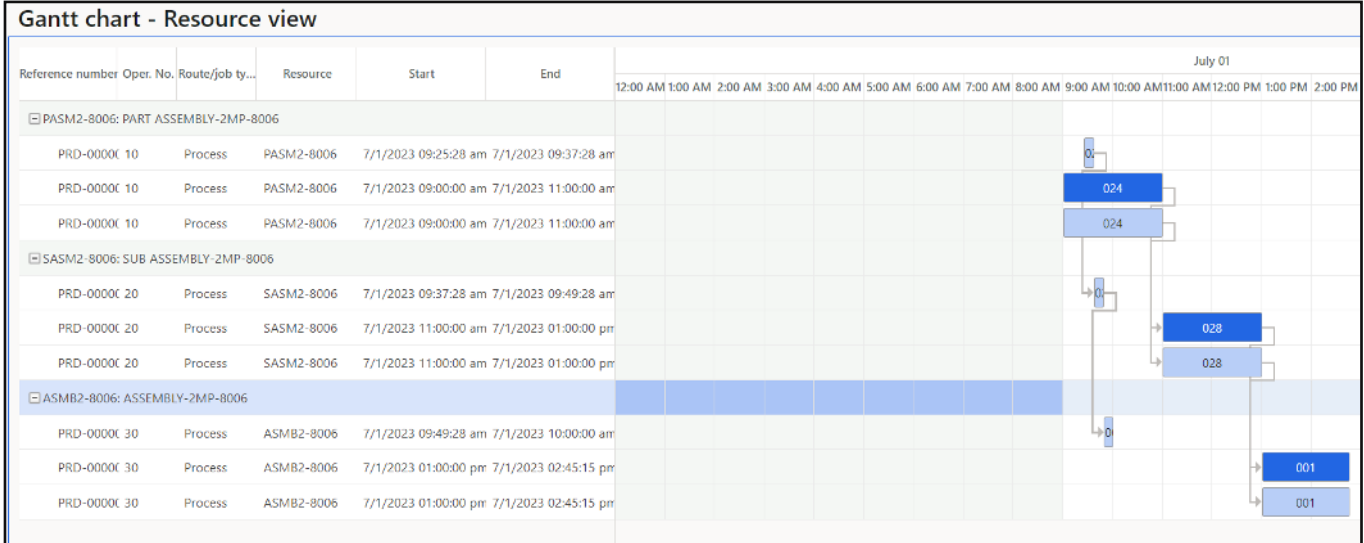
Mother item details

Calculate | Confirm to consolidate

Item number	Length	Width	Grade	Thickness	New item number	QTY in pcs	QTY in area/vol...	Bom+Process ...	Available inv...
RM-PLYW000000027	2,440.00	1,220.00	BWR GRADE	12.0000	RM-PLYW000000027	1	0.2700	0.00	0.00
RM-PLYW000000056	2,440.00	1,220.00	E1 GRADE	6.0000	RM-PLYW000000056	1	0.4340	0.00	162.98

Production orders scheduled on resources– Gantt Chart

Gantt chart provided overall view of all production orders scheduled on different Resources (Machine or Human Resource). It may be optimized by drag and drop of Production orders across the resources to balance the Capacity and load.



QR code for Inventory control, Production and Dispatch

With the QR code integration at various stages of transaction it becomes easier and faster to handle the Inventory movement, Production order execution and Dispatch execution.

SAMADHAN™
Integration, for simplified business insights.

Site : 8008
Job card order : PRD-0000015
Product : CS-CRBD000000190
Product description : CORRUGATED BOARD-5 PLY-BC FLUTE-1270X1020MM-GYT-GYT-21 BS-10.5 ECT
Job date : 7/10/2023 12:00:00 AM
Qty produced : 60
Batch No. : BCB-000000124

Material Transfer Issue Slip						6-23-2023 12:00:00 A
Confirmed cutting plan no : CCP-000000000061			Product category : CS-PLYWOOD			
Machine no : AST005			Site / Warehouse :			
Mother item no	Description	Qty Required in pcs	Location	Available Qty	Bar code/QR code	
RM-PLYW000000041	PLYWOOD-2440X1228X18MM-CR GRADE OKOUME BROWN FACE	52	RM-PLYWOOD	942		
RM-PLYW000000045	PLYWOOD-2440X1228X18MM-MR GRADE-OKOUME BROWN FACE	2	RM-PLYWOOD	103		

Material Requisition												
From date : 01-09-2023						Summary : 146						
To date : 12-09-2023	Item Description		Production order No.	Qty required	UOM	Site	Available qty at shop floor	Available qty at RM Store	Qty issue to shop floor	Start date	End date	QR code
RM-ADHESIVE	VAL-ADHESIVE	ADHESIVE RUBBER ROVAL 20ML	PRD-0000189	5.00	TR	800001	1.500.00	0.00	20-08-2023	23-08-2023		
RM-HARDWARE B	VAL-HRT000000	SPRING ROUND HEAD 3032	PRD-0000084	38.00	PH02	110400	1.184.00	0.00	22-08-2023	23-08-2023		
RM-HARDWARE B	VAL-HRT000000	WASHER-ROUND HEAD-148-	PRD-0000084	38.00	PH02	83400	884.00	0.00	22-08-2023	23-08-2023		
RM-STEELS	VAL-STEELS	STEEL ANG 100	PRD-0000087	5.00	WDR	5501	35.00	0.00	08-08-2023	11-08-2023		

Dispatch schedule and Palletization

Dispatch schedule for the day can be determined and published. Visibility of ready stock for dispatch, order quantity, outstanding quantity and promised delivery date information on single screen makes the planning of dispatch efficient and easy. Delivery in Pallets or Bundles as per the quantity per Pallet/Bundle can be performed against the customer request:

Dispatch schedule header DSCCH0000001 | 000073

GENERAL

Document no: DSCCH00000001 Customer account: CU00472 Site: Site 1 From date(Beg ship date): 7/6/2023 Published: Yes

Name: TEST CUSTOMER- DOMESTIC Document date: 7/8/2023 To date(Exp ship date): 7/20/2023 Published Document Number: DSCCH000001

Dispatch schedule line

Mark for Dispatch	Sales order	Item number	Product name	Customer part no.	Customer part description	Unit	Ordered quant.	Shipped Quant.	Requested ship date	Outstanding Q...
<input checked="" type="checkbox"/>	SO00000001	FG-CC000000021	PLYWOOD BOX WITH PALLET-1...	EAS&CTATES0001	PLYWOOD WITH PALLET	NO5	5.00		7/8/2023	5.00
<input type="checkbox"/>	SO00000003	FG-CC000000008	CORRUGATED BOX WITH PALLE...	X34455	CORRUGATED BOX WITH	NO5	5.00	5.00	7/8/2023	0.00
<input type="checkbox"/>	SO00000003	FG-CR0000000281	CORRUGATED RSC BOX-PRIMA...	C56789	CORRUGATED BOX WITH	NO5	5.00	5.00	7/8/2023	0.00
<input type="checkbox"/>	SO00000003	FG-FAL000000008	PLYWOOD Pallet-BUILD DECK...	4034	DECK-000X000X130MM-3	NO5	5.00	5.00	7/8/2023	0.00
<input type="checkbox"/>	SO00000003	RM-CR00000000110	CORRUGATED BOARD-7 PLY-BA...	DECK-000	DECK-000X000X130MM-3	NO5	5.00	5.00	7/8/2023	0.00
<input type="checkbox"/>	SO00000003	RM-CE0000000141	CORRUGATED BOARD-7 PLY-AA...	CC088F	2000X1500MM-4CB-	NO5	5.00	5.00	7/8/2023	0.00

Pallet Bundle | Standard view

Item number	Number per pallet / bundle	Site	Date
<u>FG-CC000000021</u>	<u>5.00</u>	<u>8007</u>	<u>7/7/2023</u>
			Batch number <u>BFCC-000001307</u>

Transactions

Create journal | Register | Post journal | Pallet bundle label

Document no	Site	Warehouse	Location	Item number	No to be packed	No. of Pallet/ B...	Available stock	Journal
<u>INT-000000008</u>	<u>8007</u>	<u>MAIN-8007</u>	<u>FG-CAS&CRT</u>	<u>FG-CC000000021</u>	<u>20.00</u>	<u>4.00</u>		<u>INVL-000001007</u>

Quality control

Quality management module is available to control the Quality related concerns for Inward and Outward transactions as well during the production the In process quality is available. Certificate of analysis (COA) can be generated containing the expected VS Actual test results against each Test Parameter as defined to the Item or Item group level.

Reference type	Item code	Name
Purchase	Test	RM-CR000000002
Purchase	Test	RM-CR000000004
Purchase	Test	RM-CR000000005
Purchase	Test	RM-CR000000006
Purchase	Test	RM-CR000000007
Purchase	Test	RM-CR000000008
Purchase	Test	RM-CR000000009
Purchase	Test	RM-CR000000010
Purchase	Test	RM-CR000000011
Purchase	Test	RM-CR000000012
Purchase	Test	RM-CR000000013
Purchase	Test	RM-CR000000014
Purchase	Test	RM-CR000000015
Purchase	Test	RM-CR000000016
Purchase	Test	RM-CR000000017
Purchase	Test	RM-CR000000018
Purchase	Test	RM-CR000000019
Purchase	Test	RM-CR000000020
Purchase	Test	RM-CR000000021

Quality associations

Information type: Purchase Item code: Test Note: COA-INT-IMP-COAS

Conditions:

Applicable condition type: All Requested release: Release

Process:

Issue type: Exception Location: Site Yes

Quality order process:

Issue strategy: Exception upon validation failure Quality processing of the Order group: Yes

Specification:

Unit group: CR000001 Issue strategy: All Analytical quality from: 000001 Item: Exception

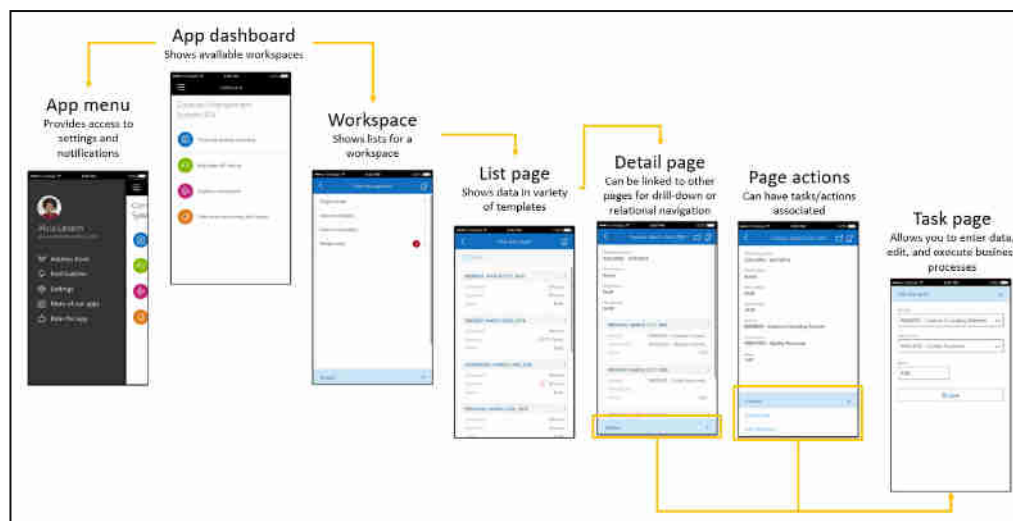
Quality control– Test Group and COA

Test Groups are created with applicable test parameter as per the product. Predefined setup of standard values and well as Min/Max range for Quality Pass or fail can be setup against the test parameter. Qualitative and Quantitative both tests can be performed as applicable. COA can be printed after the Quality order is posted after performing quality inspection.

The image displays two screenshots from the SAMADHAN system. The left screenshot shows a 'Certificate of analysis' for a product named 'GRANDHOSIAMS BATHING FACE'. It lists various test parameters such as LENGTH, WIDTH, and THICKNESS, along with their units, standards, and tolerance ranges. The right screenshot shows the 'Test groups' interface in 'Standard view', listing various test groups with descriptions like 'PINEWOOD-70X22X1330MM-KD-WITHOUT PLANING' and their respective acceptable quantities and item sampling rates.

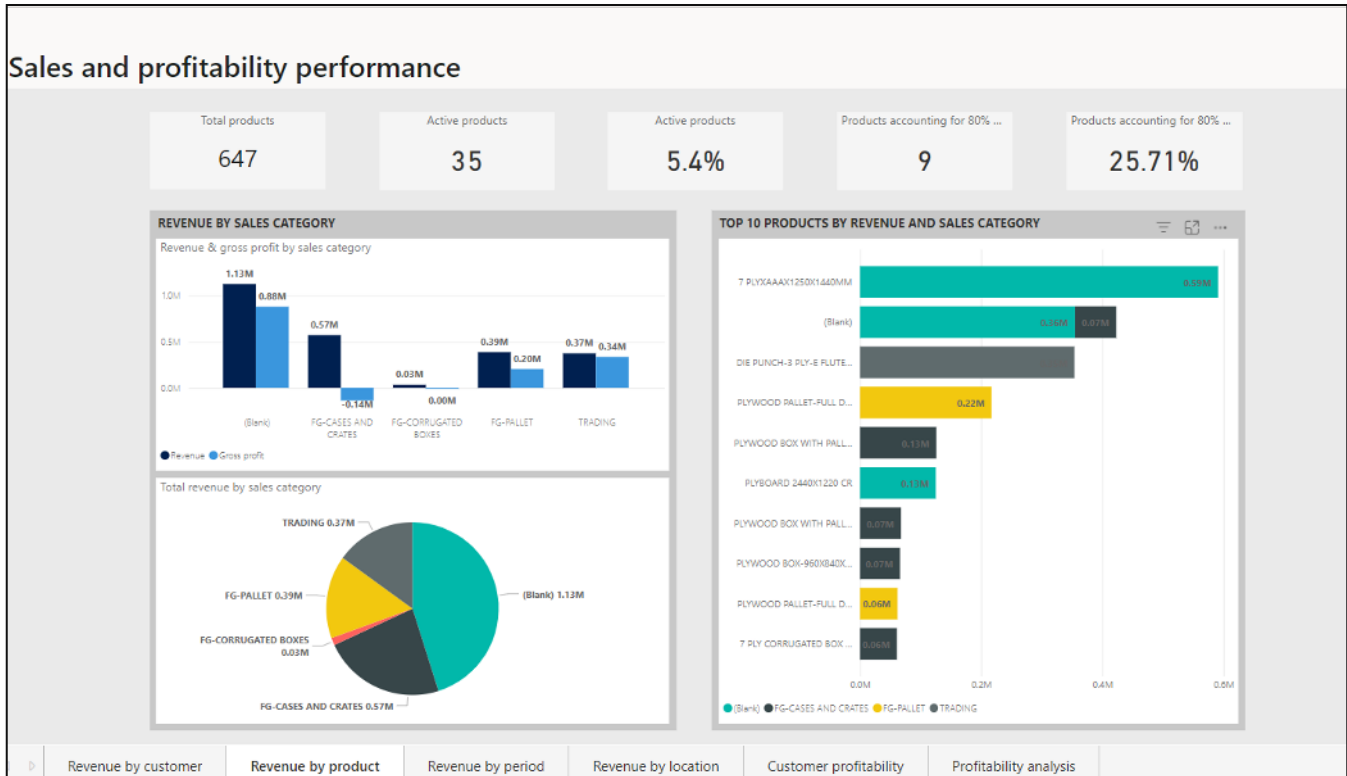
D 365 F&O Mobile App

The mobile app enables your organization to make its business processes available on mobile devices. After your IT admin enables the mobile workspaces for your organization, users can sign in to the app and immediately begin to run business processes from their mobile devices.



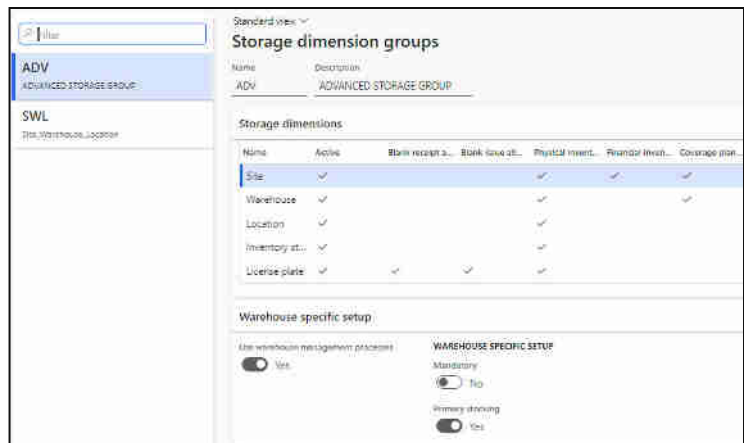
D 365 F&O- Power BI

Analytical Workspaces can use rich infographics and visuals that are supported by Microsoft Power BI. These infographics and visuals include many controls as standard. Therefore, workspaces can provide a highly visual, interactive experience for users to analyze Operations and Finance related records .



Warehouse Management

The Warehouse management module lets you manage warehouse processes in manufacturing, distribution, and retail companies. This module has a wide range of features to support the warehouse facility at an optimal level, at any time. Warehouse management is fully integrated with other business processes such as transportation, manufacturing, quality control, purchase, transfer, sales, and returns.



Asset Management

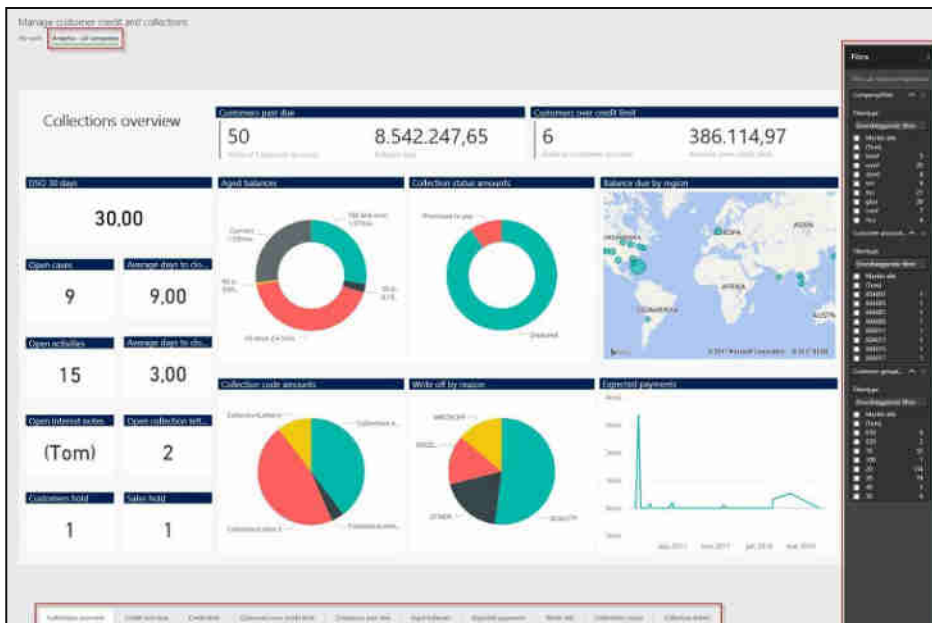
Asset Management is an advanced module for managing assets and maintenance jobs in Dynamics 365 Supply Chain Management. Asset Management integrates seamlessly with several other finance and operations apps.

Asset Management enables you to efficiently manage and service many types of equipment in your company (such as machines, production equipment, and vehicles). Asset Management supports solutions across numerous industries.



Finance & Accounts

Finance and accounts is integrated with operational transactions. It covers all financial transactions which includes– Accounts Receivable, accounts Payable, Cash and Bank transactions, Budgeting, Fixed assets, Taxation, General ledgers etc. . It is capable of handling Multi country localization and Multi currency handling within one environment. E invoice and E way bill process can be seamlessly integrated with Tax portal.



Our customers are counting the benefits, so can you.

Case Study– SAMADHAN Customer

“Having an integrated information system for my business is a dire need, has been my dream and the dream is now realized beyond my expectation; Thanks to SAMADHAN. It has been a delightful experience to work on this project with SAMADHAN, for me and my team.” Nazir Dakri, Managing Director, Dakri Cartons Limited.

Debtors turnaround impacted favorably

“It is not that we did not know who owed us how much and when, we did and were working on it aggressively. But after the ERP came in we found a number of pleasant surprises in this area. Our disputed invoices reduced because we were complying with all requirements of the customer as a design now. The mistakes in invoices VS payment reconciliation were completely eliminated and we were able to link all related aspects of the transactions with ease and enter into any discussion with our customer very confidently. Net to net our number of days of outstanding came down.”

Guarantee delivery reliability

“The system helps us address all related aspects in unified manner and hence our delivery schedule compliance has improved significantly.”

Dramatic reduction in the need for direct supervision

“The solution helps us delegate effectively. Hence the entrepreneurial resources is used at appropriate place rather than getting used in running after the mundane aspects of business.”

Ability to respond to sudden demands of customers has improved

“This has helped us gain few more coveted customers and also retain our existing customers. They love it when we are able to help them out in crisis.”

With ERP in place they can add more units

One of our customers now feels confident to add more Business units in the same or different geography.

Remote connectivity improves work turnaround

The software can be accessed from anywhere using internet. This means that all the sites can use internet to update work progress daily and the travelling executives and sales persons can have a ready access to the data needed by them to conduct the business effectively.

The enormous experience of SAMADHAN is a great help

SAMADHAN is one of the most experienced Microsoft Dynamics 365 partners in India. With over 90+ ERP implementations, we not only know Dynamics 365 in and out, we are also aware of the nuances of a number of industries. The consulting as well the product knowledge is immense and will be very useful.

Microsoft Dynamics

Microsoft Dynamics is a line of integrated, adaptable business management solutions that enables you and your people to make business decisions with greater confidence. Microsoft Dynamics works like familiar Microsoft software such as Microsoft Office, which means less of a learning curve for your people, so they can get up and running quickly and focus on what's most important. And because it is from Microsoft, it easily works with the systems that your company already has implemented. By automating and streamlining financial, customer relationship, and supply chain processes, Microsoft Dynamics brings together people, processes, and technologies, increasing the productivity and effectiveness of your business, and helping you drive business success. For more information about Microsoft Dynamics, go to: www.microsoft.com/dynamics

System requirement for Forest Products SAMADHAN ERP on MSD 365 F&O

The solution works on an online mode and can connect multiple locations with one single solution using the secure internet connections.

The user interface can be through a rich client, any browser. Mobile device or tablet with any operating system can connect with the solution using universal app available for iOS, Windows or Android systems.

The solution is cloud ready

You have an option to use the cloud to the extent you like. The cloud option can address manageability of the server and solution to a great extent. It can also lower the entry level investment required and the expenses can be charged to the revenue account.

About SAMADHAN

SAMADHAN is a Microsoft Partner with Gold competency in ERP, specializing in ERP implementation, and has expertise in providing state-of-the-art and innovative InfoTech solutions for, Packaging product manufacturing, Wood product manufacturing, Paper and paper product manufacturing Sales and distributions, retail, printing presses and similar industries.

SAMADHAN has many customers in manufacturing business and has taken over 20 man years to learn the specifics of the business, build it into Microsoft Dynamics 365 Business Central and D 365 Finance and Operation which has been already tested at multiple countries.

SAMADHAN was set-up in 1989 in India, it is a leading solution provider in India on Microsoft Dynamics 365 F&O and Dynamics 365 Business Central. All of the vertical solutions are certified by Microsoft and available on AppSource & Marketplace [Business Apps – Microsoft AppSource](#) .

The best time to implement Forest Products SAMADHAN ERP in your company is NOW !

- Our solution is ready and cruising
- Suitable for automated as well as the semi automated manufacturing units
- Available on On- premise & hosted model for a low entry level investment
- Works on any device which supports Windows, Android or

Contact Us

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