

Auto Ancillary Samadhan

A Micro-vertical on Microsoft Dynamics Nav



By



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Auto Ancillary Samadhan

Auto Ancillary Samadhan – Micro Vertical on Microsoft Dynamics Nav delivers automotive industry manufacturing solutions that enable automotive suppliers to adopt flexible, changeable business processes with high ROI and easy access to actionable information for decision making and KPIs.

The industry challenges and imperatives

Customers of automotive manufacturers demand:

- Year-over-year cost reductions (by some automakers) by 5% or more
- Complete transparency into manufacturing operations—inventory, availability and/or shop floor status
- Precise and specific timing of production and deliveries (often within a four-hour window)
- Reduction of product lead times (often given an order to deliver within a 24 hours)
- Faster product development cycles (new automobiles moving from 48 months to 24 from drawing to showroom)
- Shorter product life cycles (vehicles that used to last decades now last a few years)
- That suppliers follow the speed and timeliness lead of OEMs, who are the strategic pacemakers of the industry

Challenges in operations:

- Manufacturers are pressured to adopt lean manufacturing best practices, but struggle to justify the resource and financial investment that accompanies such initiatives
- Rising regulatory pressure
- Increased expectations of automakers are causing productivity and quality to become less of a differentiator
- Enormous cost pressures from competition
- Significant cost pressures from rising raw material costs, energy costs, and reducing industry profits
- Increasing warranty requirements
- Legacy information systems often do not support new business practices (e.g., lean manufacturing, collaborative Product Development and Supply Chain Management) or differentiate business processes that often form the basis for small and mid-sized companies' competitive strategy
- Systems are often department-based, not company based—manufacturers across all industry segments struggle to integrate disparate product, manufacturing, procurement, sales, and customer systems, which impedes their ability to capture a unified view of company performance.
- Real-time cost controls become a strategic imperative to remain competitive
- Operational productivity challenges—even the smallest plant floor inefficiencies can translate into significant losses for global manufacturers; gaining visibility into plant floor operations represents a critical step to bring products to market on time and on budget.

Key business imperatives

- Improving business operations:
 - Adopt lean, flexible operational networks that provide a view into your operations for customers and suppliers to improve customer satisfaction and support rapid decision making.
 - Provide customized products and services that differentiate your offerings while holding the line on profit margins
 - Consciously adopt an IT architecture and strategy that provides a cohesive, low-cost foundation for all your business needs, minimizes integration costs, provides real-time access to actionable business information for employees, customers and suppliers and provides flexibility for future changes in business processes

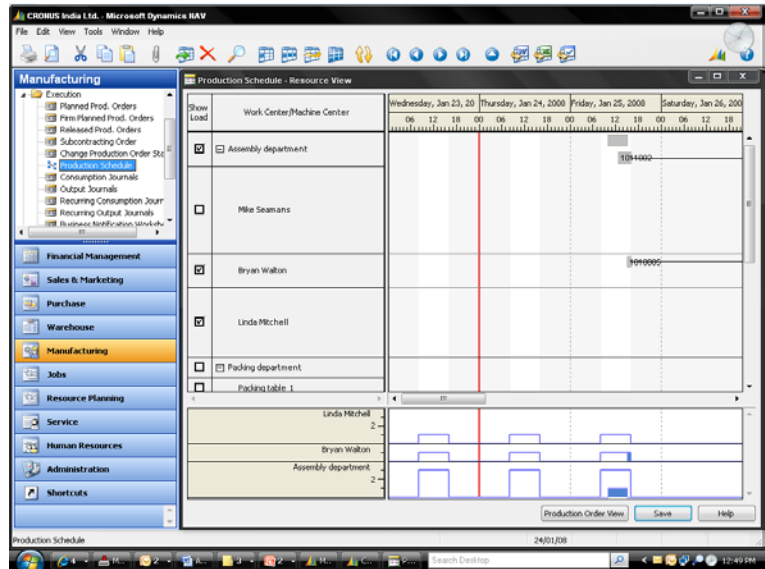
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Auto Ancillary Samadhan - Features

Integration of all areas of operation in one single application

Finance, fixed assets, bank management, sales and marketing, purchase, inventory, manufacturing, project management, human resources, quality management, plant maintenance, inward and outward outsourcing gets woven into one single database which is used to carry out the day to day business for the enterprise, seen to analyze the operations by middle managers to incorporate corrective measures and also used to give strategic directions to the business.

One database for all locations to connect to from where ever they are and that includes the travelling executives.



Up-to- date information till the last transaction data, suitably integrated though “one entry does it all” feature of the solution is the biggest advantage of the solution.

No reconciliation, no worries about statutory compliances and no difficulty in meeting the information needs of the principal (OEM)

A large amount of organizational resources and management attention is engaged into collating data to figure out what is happening in the organization. The information required by the principal is steadily increasing and hence having data organized in the organization to meet any information need is a big comfort.

The availability of all statutory reports and data required is another comfort for in the increasing regulatory regime that small and medium businesses in India have to operate.

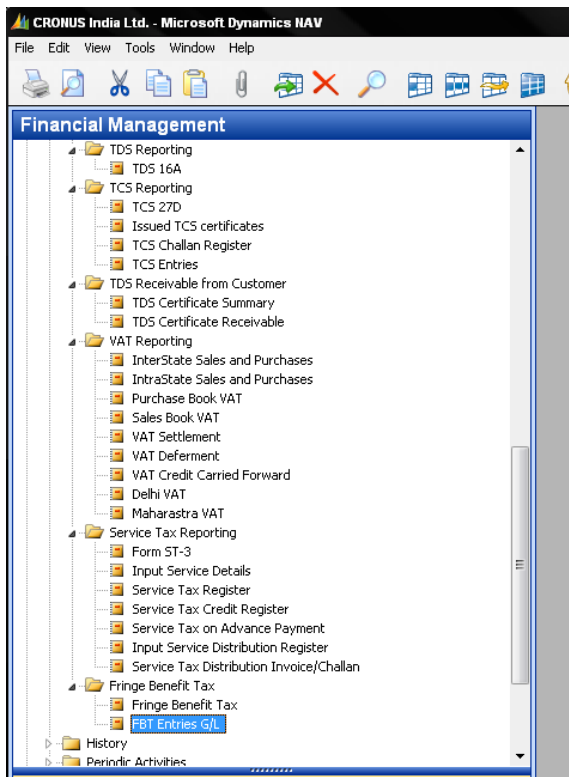
All data is securely held in the solution and hence no matter when you take a print out of the information and no matter for what period the data will show the same results over and over again

Traceability

From purchase to inspection to issue to the shop floor, through each operation till dispatches to the client, material and material traceability travels with your operations and is available whenever required.

WIP visibility, stage wise

Knowing where you stand with regard to material decides the stretch you can expose yourself to full fill a customer requirement. As all operations are happening through the software, it present data about the material in whichever way you want.



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Inward (MASOP) and outward (Job Work) outsourcing made easy to manage

What material came in for which operation from which OEM with which reference, how much is lying at which stage within the plant or with subcontracting vendor and how much of that material has already been sent to the OEM... these are constant worries of the entrepreneur. The solution not only gives all this information easily and in a easy to understand format, it also helps create the entire out bound and inbound logistic data which is critical need of the business.

Out ward sub contracting, correct valuation of material at various stages and improvement of predictability of supplies from them, are squarely addressed by the solution. Some organizations refer to this operation as 57F4 operation.

Tools, their calibrations, the material sent for repairs outside and their tracking is made easier

The quality of production will depend upon the accuracy your tools give you. Their calibration and tracking is often missed out for want of an appropriate and easy to use information system. This is what Auto Ancillary Samadhan does for you. It also helps you track scores of repair items getting in and out of your plant.

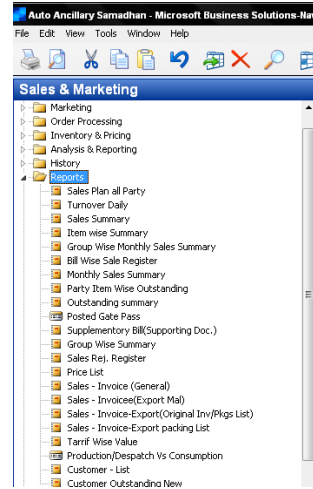
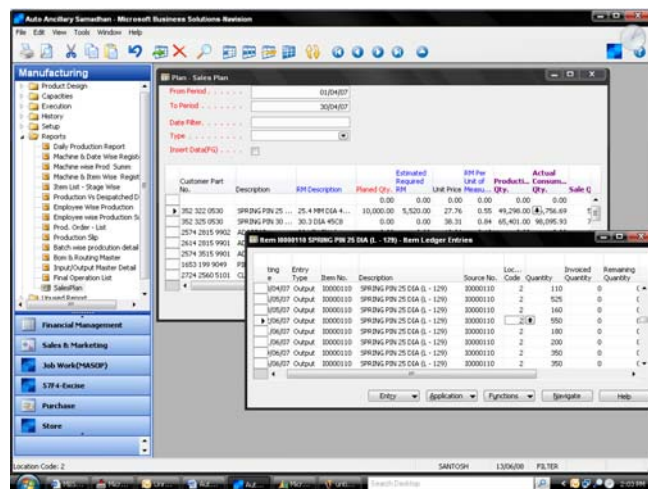
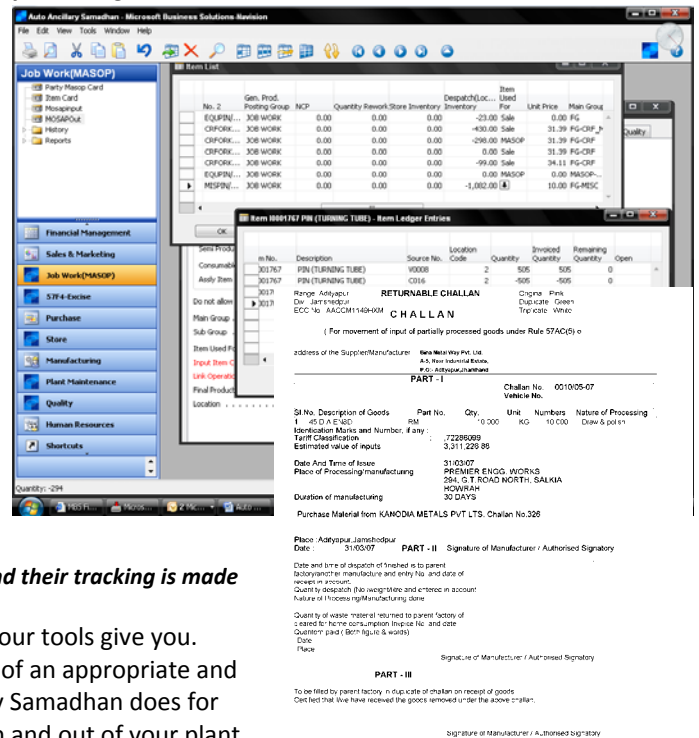
If you are using dies, their identification, machining and die runs help you get an optimal output from each die run

Wastages, efficiencies, rework and capacity utilization get reported so that you can address them

The Bill of Material (BOM) and routing (processes) can now be standardized and deviations from the standard measured, analyzed and reported for you to take appropriate action for interventions wherever required,.

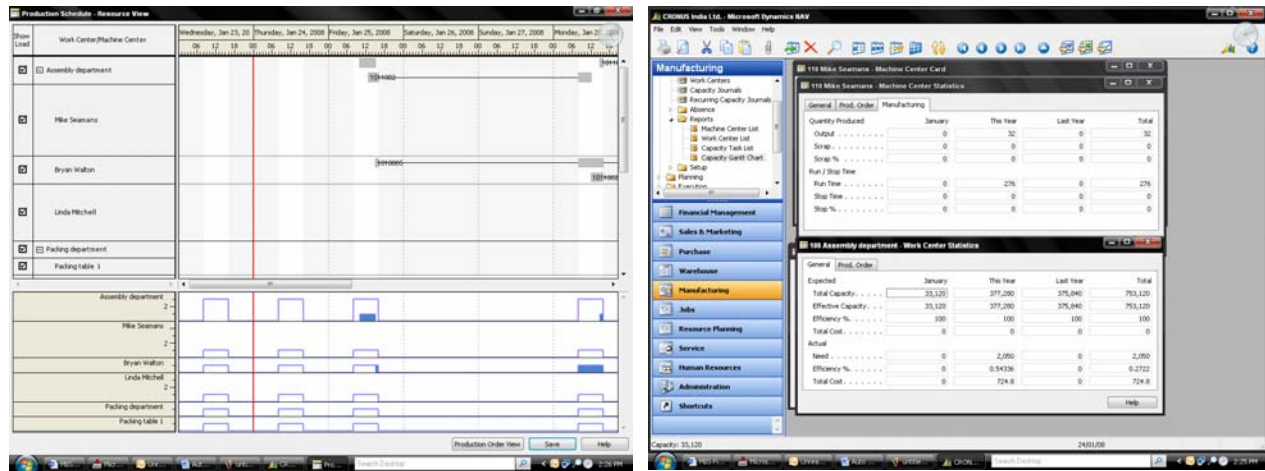
Meeting the delivery schedule of the OEM with back end support of the business solution

From planning a quantity for the customer, to estimation of the raw material required, the financial impact of the purchase, dipping into database to find out the production so far, the supplies made so far and the expected value of the sale of the planned item quantity is a mouse click away. The drill down feature of the solution on the data view of any item makes the data grid behave like the magic lamp, giving all related information exactly as you want it.



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Capacities, their utilization and their efficiencies are the critical factors which will help you meet the customer expectation of year by year reducing costs to you and reducing price to the customers.



Coupled with the base features of user friendly interface characteristic of Microsoft and its seamless integration with MS Outlook and other Microsoft Office components like Excel and Word, Auto Ancillary Samadhan on Microsoft Dynamics Nav is the solution auto ancillaries in small and medium segment had been looking for, for a very long time and not having it. They need wait no more. Auto Ancillary Samadhan is ready for a quick deployment with ready to use solution templates.

Advantage Microsoft Dynamics Nav

There is a lot of useful data hidden in all business transactions. This information loses its detail as reports are generated out of it. Why does it happen? It happens because you cannot spot a trend unless you summarize the information. Summarization by default means compromising on details.

Microsoft Dynamics gives you opportunity to retain all details and yet allow you to see information in any manner you want. And this information is available out of the box, on the fly. Even your interventions can be easily plugged into the software and monitored on an ongoing basis. The beauty is you will be able to do all this on your own and so will others, by 'drill down' facility and setting 'filters'.

The business notifications are built-in to give various 'alerts'. In an integrated environment all data is available in one repository and hence entries once committed to database impacts all areas automatically. The budgets once created in the software can be tracked against the actual figures on the fly and deviations managed proactively.

About Microsoft Dynamics

It is one of Microsoft's seven divisions, with 3800 employees, 4500 partners, 40 years in industry and over 5,00,000 satisfied customers worldwide. Microsoft Dynamics applications optimize strategic business processes across Financial Management, Supply Chain Management, Production, Analytics, Human Resources Management, Project Management, Customer Relationship Management, Field Service Management, E-Commerce, and Retail Management.

Strengths of Microsoft Dynamics

With a customer-base of over 5, 00,000 worldwide, Microsoft Dynamics owe its success to:

- Richness of functionality
- Ease of use
- Scalability
- Ease of customization and
- Lower total cost of ownership

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Benefits of Microsoft Dynamics

By choosing Microsoft Dynamics-Navision® with a customer base of more than 5,00,000 across the globe, including more than over 1000 customers in India, you can achieve the following benefits vis-à-vis other enterprise solutions/customized solutions:

- The software being from the world's largest and most reputed organization, Microsoft, ensures complete reliability and insurance against future technology disturbance/obsolescence
- Complete localization is built in, viz. Excise, Sales Tax, Service Tax, Tax Deducted at Source (TDS), VAT, etc.
- Seamless integration of all functional areas with powerful, easy-to-use features in each of Financials, Sales, Purchase, Inventory, Human Resource, Payroll, CRM with the flexibility of picking and choosing the set of functionalities that you need today. Hence you invest only for the set of functionalities that your organization is going to use today
- Built-in best practices
- Future changes in government regulation for Govt. of India is productized and provided to the customer
- State-of-the art application and database security
- Fast to implement
- Complete support from Functional & Technical Experts of Samadhan during and post-implementation stage
- Does not need costly hardware resources
- Ease of maintenance in post-implementation stage
- Low learning curve for across user strata since the philosophy of Microsoft Dynamics is ease of use and navigation
- Lower total cost of ownership

Advantage Samadhan

Samadhan is one of the most experienced (over 19 years in IT space) and professionally managed organizations in the Eastern India. It has vast experiences in implementing ERP/ Integrated Business Management solutions and has the dedicated resources to execute Microsoft Dynamics Navision implementation projects.

Resource composition

Led by seasoned and qualified professionals the company has a rich resources composition which includes Engineers, Finance professionals, MCAs, GNIITs with experience ranging from 3 years to 18 years in software consultancy.

ERP experience

Samadhan has a collective experience of more than 40 software projects which includes the following Microsoft Dynamics Navision projects in a wide variety of industries:

- **Manufacturing**
 - Auto Ancillary
 - Electrical control panel
 - Steel re-rolling
 - Printing press
- **Education**
- **Trade, Service and Distribution**
- **Automobile sales, service and distribution**
- **Batch processing**
- **Thermal Power Generation**
- **Health Services**
- **Real Estate**