

MAKING THE COMPLEX SIMPLE



Product Brochure

OptiProERP
MANUFACTURING

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OPTIPROERP

OptiProERP is designed for all your small and midsize discrete manufacturing company's needs

Having a wide range of business information at your fingertips is no longer enough. It is about how that information, and the systems that deliver that information, can empower your business. A system that provides a single view of your entire business and helps you gain business insights, streamline your operations and manufacturing processes, and gain full visibility and control over your business, is now a must to stay competitive and drive profitable growth.

Now, with OptiProERP, all of this is faster, easier, and more affordable to achieve than ever before.



Affordable

low cost of ownership with OptiProERP Cloud or on premise



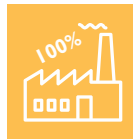
SAP Business One

Built on the world-class SAP Business One platform, giving you the reliability and peace of mind you need



Comprehensive

all your manufacturing and departments needs in one solution



100% Manufacturing

Built for manufacturers by manufacturing and ERP experts



Quick and easy

to use and implement



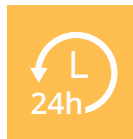
Industry solutions

Tailored solutions for your industry and sub-sector needs



Powerful and future-ready

to help your business grow now, and in the future



24/7 Globally

Global team of 400+ to provide around-the-clock, around-the-globe service



CHALLENGES



Our experts have found that small, medium and large manufacturing organizations alike have common challenges that they look for an ERP system to address. These include:

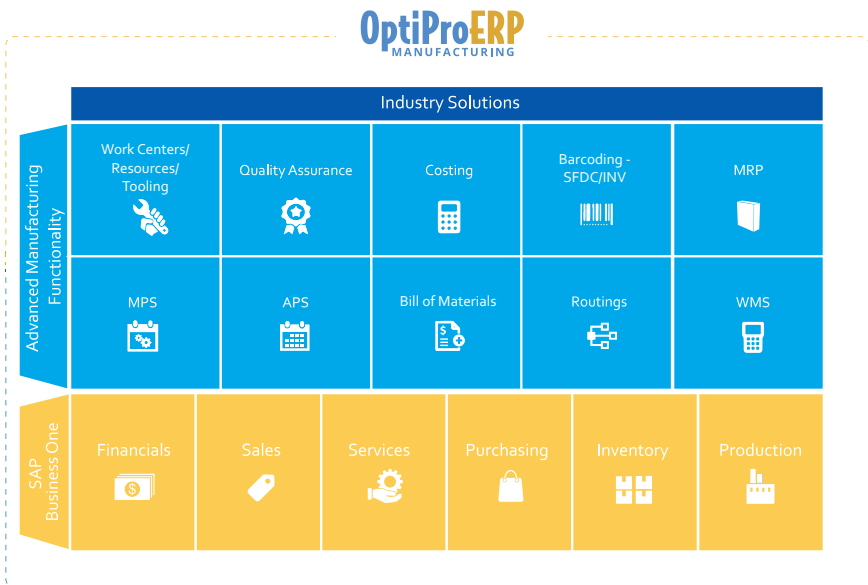
- Comply with current regulations
- Obtain inventory and production information in real-time
- Optimize manufacturing processes and assembly lines
- Generate traceability reports
- Inspect and manage defects online
- Schedule production efficiently
- Provide instructions to operators without the need for “paper”
- Provide necessary data to support Lean Manufacturing and quality assurance
- Analyze business and plant performance
- Develop new and improved products more quickly

MODULES

OptiProERP is a single, affordable solution for managing your entire discrete manufacturing business. OptiProERP offers best-of-breed manufacturing and industry solutions on the world-renowned SAP Business One platform in one easy-to-use system.

It is an end-to-end manufacturing solution that combines business management, advanced manufacturing, and industry-specific solutions in one seamless and integrated system.

Key functional areas include: financial management, sales and customer management, purchasing and inventory control, production management, supply chain management, warehouse management, quality management, business intelligence, analytics and reporting, mobility, and more.



The following is a highlight of our manufacturing modules.

Planning



- Multi company and multi warehouse planning.
- Establish policies for purchases, production and inventory movements in warehouses.
- Forecast future trends of demand.
- Receive recommendations for the purchase of raw materials and production orders to meet demand.
- Plan based on backward, forward, backward - forward, forward - backward.
- Finite and infinite capacity planning.
- Capacity Planning based on load ratios of your work centers and resources.
- Rough Cut Capacity Planning.
- Obtain exception descriptions with recommendations of the actions that should be taken.
- Execute simulated scenarios to review availability before committing.
- Soft allocate or hard allocate raw material to work orders to have it ready on time.
- Plan considering the subcontracting lead-time for specific operations.

Advanced Scheduling



- Graphical planner with drag and drop capabilities on work orders and routing steps.
- Multiple scheduling scenarios to select the best alternative.
- Find detailed operation information in the same place just by overlaying the mouse.
- Work order and routing step progress in real-time.
- Define and consider bottle neck resources for quicker decisions.
- Guarantee the best distribution of work in your installed capacity.
- Split operations to be executed in multiple resources.
- Define overlap routing steps based on the minimal transfer quantity to obtain an accelerated execution time.
- Know the load ratio of each resource to take real-time decisions.
- Add manual tasks or routing steps to the scheduling to keep track of what is happening on the shop floor.

Production



- Group sets of resources of the same nature within the manufacturing floor using work centers.
- Easy system setup, grouping multiple resources that have similar capability, capacity and cost, defining it as an instance.
- Relate specific tools needed in the process.
- Define skills for your operators to assign tasks based on their capabilities.
- Control the segregated execution of production, based on materials, machine, labor, work centers, tools and operations.
- Define the sequence of execution of operations for a product's completion.
- Control the flow of raw material to produce finished or in-process products.
- Perform movements between operations on the production floor in real-time.
- Have visibility of resources, materials, work instructions, document management to increase your operational efficiency.
- Have accurate revision control on routing, BOM and document level.

Shop Floor Execution System



- Relate the resource (person or tool) to specific machines.
- Select alternative resources, Routings, BOMs that can be used if the preferred routing is not available.
- Generate Subcontracting documents with full financial integration.
- Select if an operation needs rework.
- Have control of the inventory assigned to each of the subcontractors.
- Keep track of engineering change orders and associate them with approval processes affecting BOM routing steps.
- Generate tasks for each of the resources on floor control.
- Serialization control.
- Have multiple work orders in the same work center simultaneously.
- Have the same resource working on multiple Work Orders at the same time.
- Keep track of the current working time of each task.
- Know the cause of interruptions, breaks or any downtime associated with any work order.
- Capture Reject quantities.
- Record Machine Setup times associated with the tooling required.

Warehouse Management



- Print or reprint labels for products and bin locations.
- Using our intuitive mobile app, perform inventory transactions between warehouses, bin locations, inventory goods receipt or inventory goods issue, issue material for production, receive from work in process.
- Handle sample quantities or spare parts assigned to technicians or sales representatives.
- Record the appropriation of raw material to production orders, as well as reception of finished product, from a web platform.
- Have a quick Point of Use inventory for just in time/high flow assembly operations.
- Define Safety, max/min quantity for each item.
- Keep track of detailed cycle counting, with tags identification, using our intuitive mobile app.
- Define whether to freeze inventory items during the counting process.



Quality

- Group, in plans and sub-plans, the attributes and dimensional characteristics & variables.
- Define the necessary sampling for the different tests.
- Trigger quality tests at the purchase receipt of goods, any step on production orders, shipment to customers, or ad-hoc (internal control parameters).
- Standardize quality control using visual or measurement parameters and tolerances with automatic rejection.
- Perform the collection of results of both attributes and variables.
- Make quality decisions with the help of the management board.
- Integrated with the manufacturing module.
- Material Review Board for dispositioning, rework, use as is, return to vendor, or scrap.
- QA can be done on site by our QC mobile application to reduce collection time.
- Obtain automatic alerts based on trigger definitions.

Module Summary

Planning



- Forecast
- MPS and MRP
- Supply rules

Advanced Scheduling



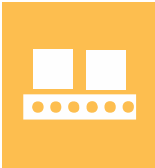
- Distribution according to installed capacity

Production



- Work centers
- Equipment
- Subcontract operations
- Resource instances
- Bill of Material
- Mapping resources
- Operations
- Movement orders
- Production Order
- Alternative resource
- Routes
- Engineering Change Order

Shop Floor Execution System



- Resource templates

Warehouse Management



- Issuance and production receipt
- Labels
- Inputs, outputs and internal movements

Quality



- Attributes and variables
- AQL/RQL
- Provision
- Data collection
- Plans and Sub-plans
- Triggers

SAP BUSINESS ONE

OptiProERP is built with SAP Business One as its core platform.

- ✓ SAP Business One is the #1 business management and digital business platform for small to mid-sized companies.
- ✓ Known for its focus on and investment in innovation, SAP created a powerful, yet affordable platform specifically for small and midsize companies. It is designed to be simple, affordable, and easy to use and implement.
- ✓ SAP Business One is of course developed by SAP, the market leader in enterprise software and the world's third largest independent software manufacturer.
- ✓ As a leader in enterprise software, cloud technologies, big data, and IoT, among others, SAP is at the center of today's business and technology revolution.

World-class platform and global brand

- World's largest provider of enterprise application software
- 404,000+ customers in 180+ countries
- 17,000+ partners worldwide

SME leadership and focus

- SAP Business One is the #1 ERP platform for SMEs
- 60,000+ SAP Business One customers
- 1M+ SAP Business One users with 95% renewal rate
- 80% of SAP customers are small and mid-sized companies

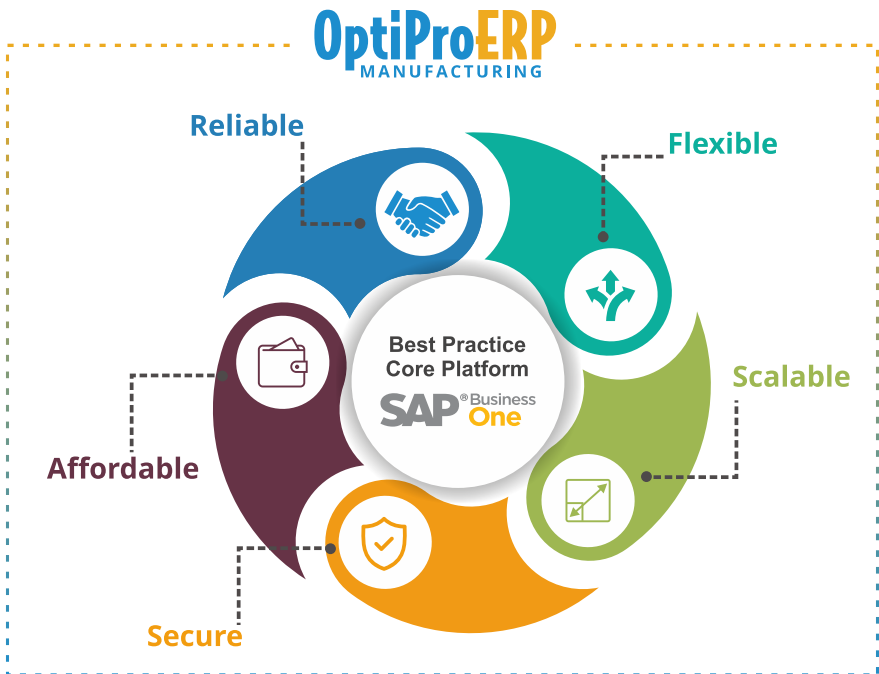
Driving digital business and transformation

- Top cloud vendor with the largest portfolio of cloud solutions and cloud user base of 160M+ subscribers
- SAP's strategy is to deliver The Intelligent Enterprise

Leader in innovation

- >\$3.8b R&D expense in 2017. R&D expense ratio: 14.3%.
- 100+ Development locations worldwide
- 20 Development centers (SAP Labs) worldwide
- 17 Co-Innovation Labs worldwide

OptiProERP is a certified end-to-end manufacturing ERP system built on the SAP Business One platform.



Our product has certified integration with SAP Business One.

SAP[®] Certified
SAP Business One[®] Integration

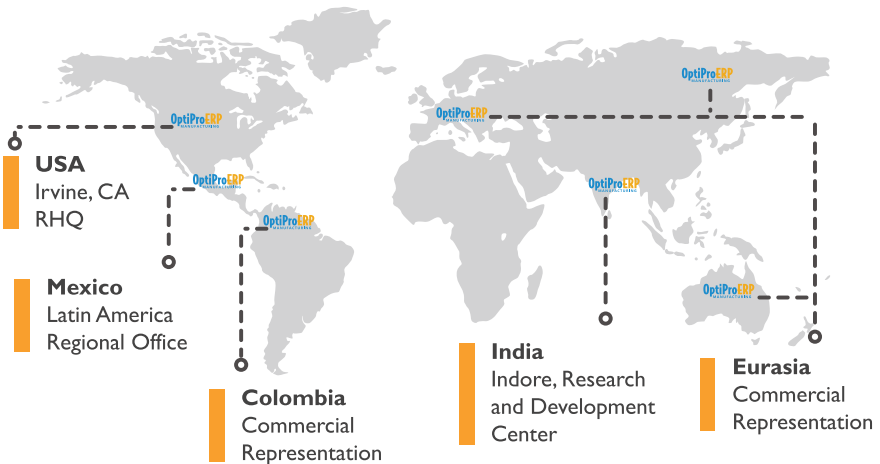
ABOUT US

■ Our team

OptiProERP's leadership brings decades of hands-on experience in manufacturing, distribution, and ERP software. We cut our teeth in manufacturing – tool and die, engineering, automation and shop floor. And we have over 30 years of experience developing manufacturing ERP software. Headquartered in Orange County, California - a key tech and business hub - and with more than 400 employees around the world, OptiProERP is more than a software provider. We are a total business solution and partner for small and midsize manufacturers.

■ Our technology

Built with SAP Business One at its core, OptiProERP extends a world-class and best practice business management / digital core platform to provide innovative ERP software and comprehensive professional services, together as a “whole” business solution. OptiProERP allows manufacturers to enter into the world of comprehensive and future-ready technological solutions, that are typically available to larger companies, but at a cost that is attractive to small and midsize companies. Now, with OptiProERP, comprehensive business management and manufacturing tools are available to small and midsize manufacturers without the cost and complexity.



OptiProERP

MANUFACTURING

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