

# MAKING THE COMPLEX SIMPLE



Product Brochure

**OptiProERP**  
MANUFACTURING

3 **OptiProERP**

4 **Challenges**

5 **Modules**

13 **SAP Business One**

15 **About us**

# CONTENT



# 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



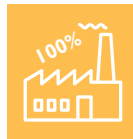
### SAP Business One

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:

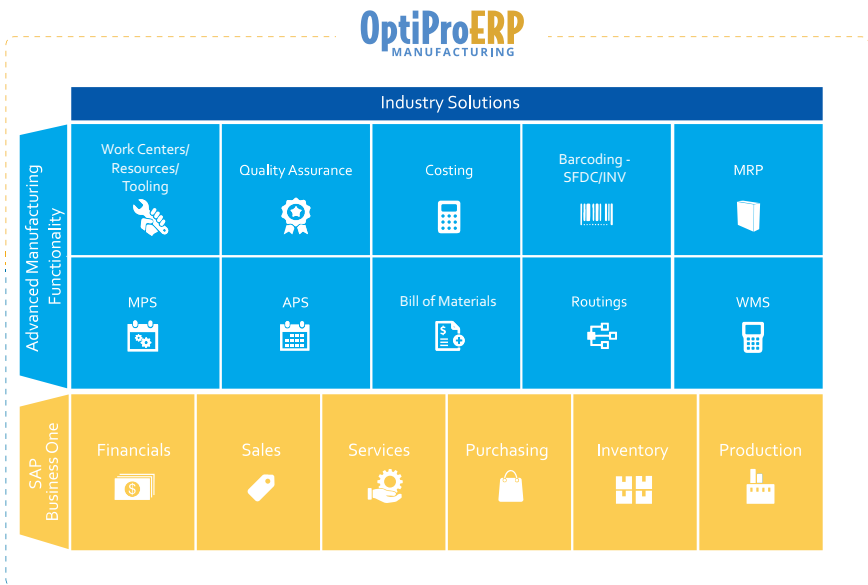
- Comply with current regulations
- Obtain inventory and production information in real-time
- Optimize manufacturing processes and assembly lines
- Generate traceability reports
- Inspect and manage defects online
- Schedule production efficiently
- Provide instructions to operators without the need 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



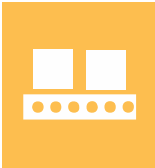
- Distribution according to installed capacity

## 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

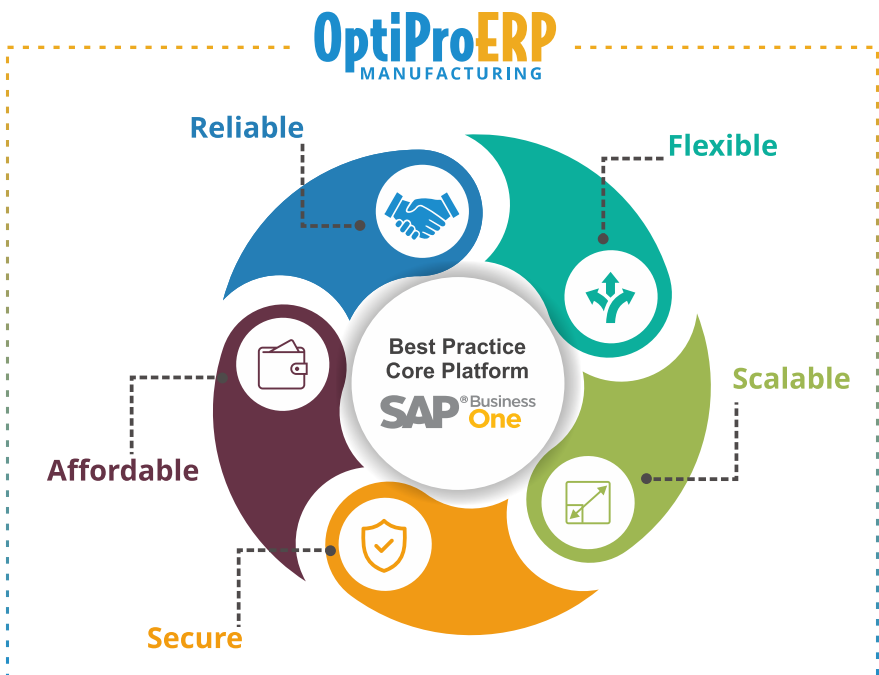
## Driving digital business and transformation

- 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<sup>®</sup> Certified**  
SAP Business One<sup>®</sup> Integration

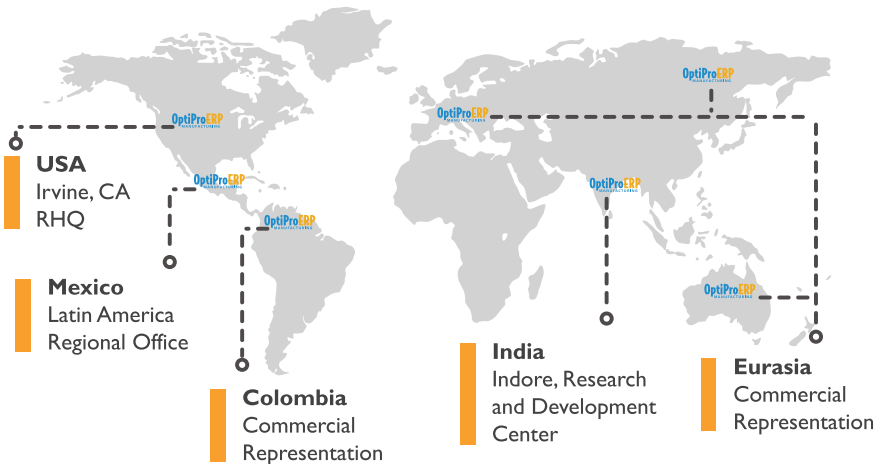
# ABOUT US

## ■ 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

[www.optiproerp.com](http://www.optiproerp.com)

## **US (Global HQ)**

9861 Irvine Center Dr.Irvine,  
CA 92618  
Ph: (949) 340-7262  
[optiproinfo@optiproerp.com](mailto:optiproinfo@optiproerp.com)

## **Mexico**

World Trade Center Ciudad de México  
Montecito 38, Piso 12 , Oficina 13  
Colonia Napoles, Mexico D.F.  
CP.03810  
Mexico  
Ph. +52-55-9001-0545  
[optiproinfo@optiproerp.com](mailto:optiproinfo@optiproerp.com)

## **India**

7th Floor, Brilliant Platina,  
Plot No. 8, Scheme No. 78, Part-2,  
Indore, Madhya Pradesh 452001  
[optiproinfo@optiproerp.com](mailto:optiproinfo@optiproerp.com)