



OpreX™ Enterprise Business Optimization

Enterprise Resource Planning (ERP) Solutions

Yokogawa ERP Solutions

Yokogawa offers unique solutions (with functions corresponding to widely used manufacturing business customs) based on a wealth of ERP implementation experience and business knowledge for process manufacturers and trading companies.

Our suite of ERP solutions helps organizations solve multiple challenges and provides invaluable benefits to manufacturers trying to reduce their costs, streamline processes, manage growth, and gain a competitive advantage in the market.



1 Fact, 1 Place

All business functions in the manufacturing processes are integrated into a single database repository, so that each function will see a single, holistic view of the data.

Awards & Recognitions



"Excellent Partner"
Award from B-EN-G



"Partner of the Year"
Awards from
Microsoft

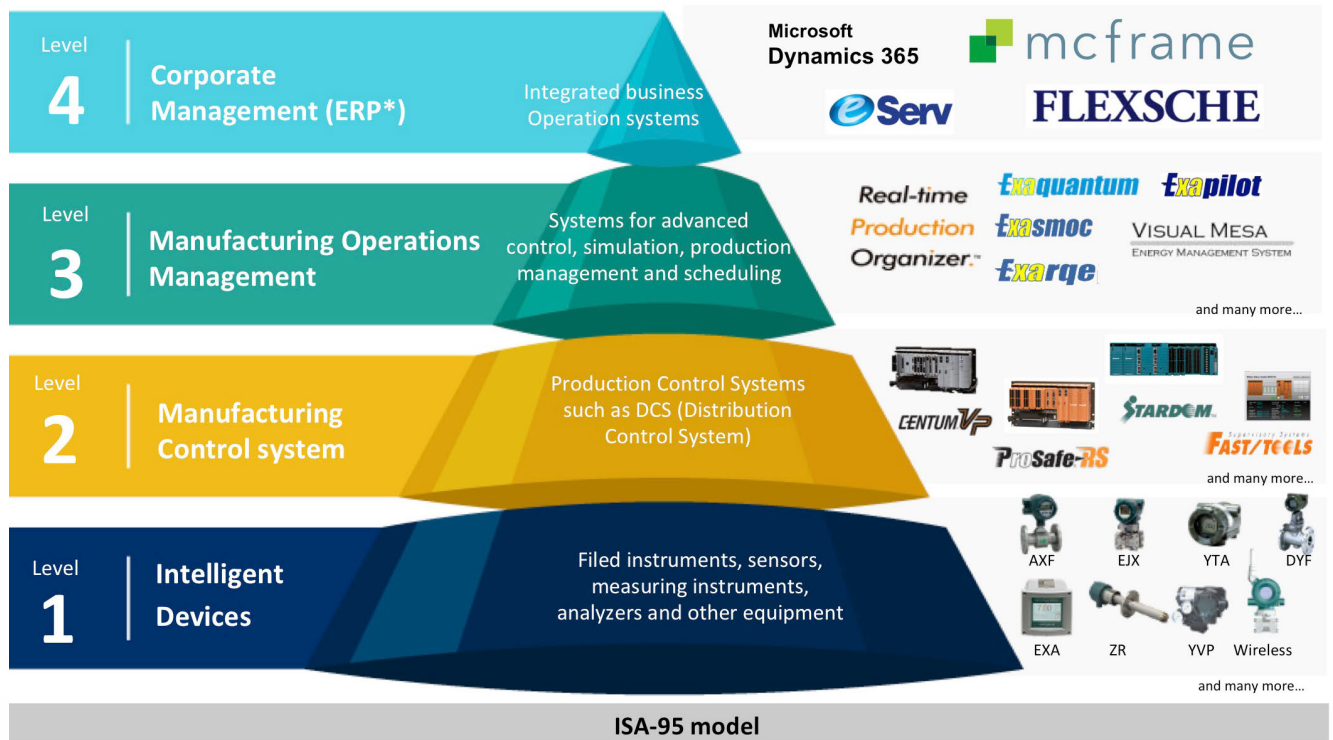
Microsoft
Dynamics 365

Integrated Management of Enterprise's Main Business Processes



Yokogawa Industrial Automation Solution Portfolio

One Stop Solution



Key Strengths of Yokogawa ERP

- Holistic '**One Stop Solution**' for manufacturing industries
- **100% success rate** in all ERP implementations
- Vast **industry experience** & in-depth knowledge of processes
- Help customers identify and prioritize key business challenges through **co-innovation**

With our Cloud-based ERP Solutions, you can:



Control initial costs



Reduce the burden of maintenance



Receive long-term support



Leverage on solutions built on the latest technologies



Enjoy on-premise features and controls

Microsoft Dynamics 365

Streamline your processes, make smarter decisions, and accelerate growth with Dynamics 365

- Optimize supply chain operations through better visibility and collaboration
- Streamline the management of assets and production processes
- Engage your customers in powerful new ways
- Transform service centres into profit centres
- Accelerate innovation for a competitive edge
- Empower employees through customer insights

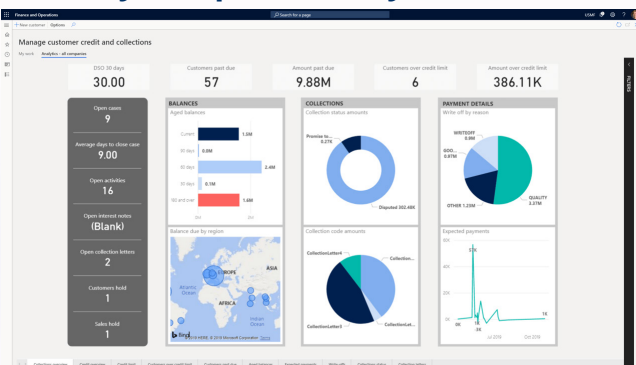
Increase Financial Visibility with Dynamics 365 Finance

- Account receivables/payables
- Bank reconciliation
- Fixed asset management
- Month/year end closing

Optimise your supply chain with Dynamics 365 Supply Chain Management

- Inventory and purchasing control
- Shipment and distribution
- Returns and cancellations
- Procurement and vendor management

Achieve maximum financial visibility and profitability



Effective strategic financial decisions

Business situation assessment, financial controls improvements, cashflow optimization, and faster strategic decision making using unified and real-time global financial reporting and analytics.



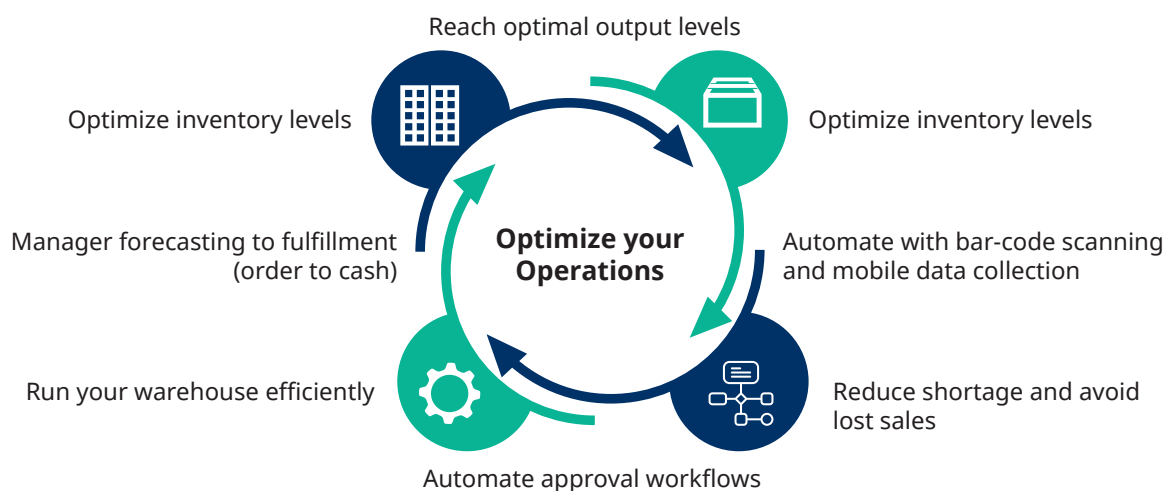
Reduced operational expenses

Reduce the costs and optimize the spending using budget and financial control, process automation and analysis.



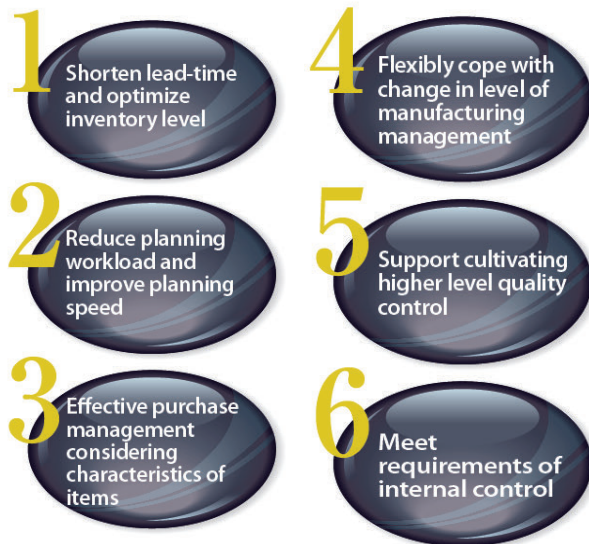
Integrated and automated financial processes

Role-based workspaces embedded with powerful BI data visualizations for smarter and quicker decision making. Also, prioritized and automated to save time, cost and reduce errors.



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Production & Cost Management



Types of Costing to Promote PDCA Practices

Standard costing

- ◆ Simulation of standard cost based on the conditions such as yield rate and purchase price

Actual costing

- ◆ Know actual costs and cost differentials
- ◆ Support activity-based costing

Budget costing

- ◆ Simulation of budget and total man-hours based on expense budgeting

Standard-actual costing

- ◆ Keep track on daily cost differential based on daily results and standard allocation rate

Multi-factor Cost Variances

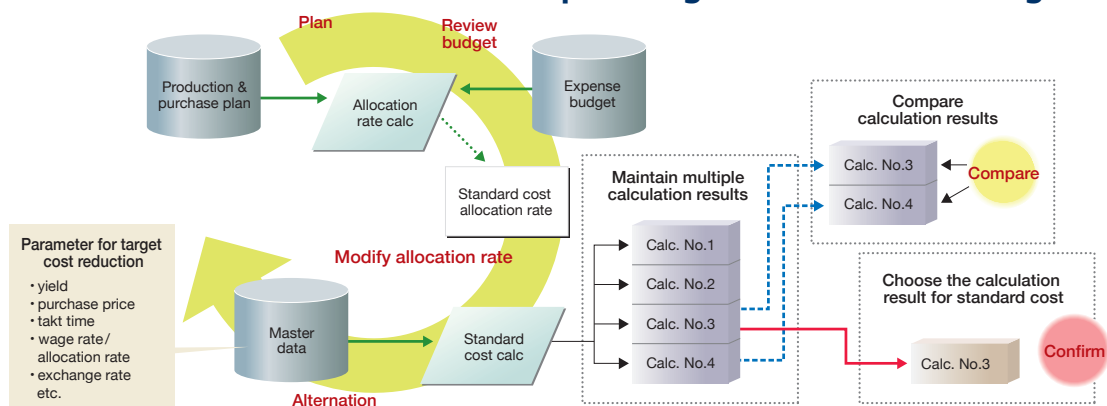
Departments

Variance Factors

mcframe Cost Management



Cost simulation environment to enable planning-oriented cost management





Cloud-based Computerized Facilities Maintenance Management System

An easy-to-use handy toolset for those working toward zero failure

eServ not only takes measures against the recurrence but also helps in forecasting failures and planning preventing measures, and verify whether these measures are working effectively to strengthen your maintenance management

Four stages to embracing and fully leveraging the system

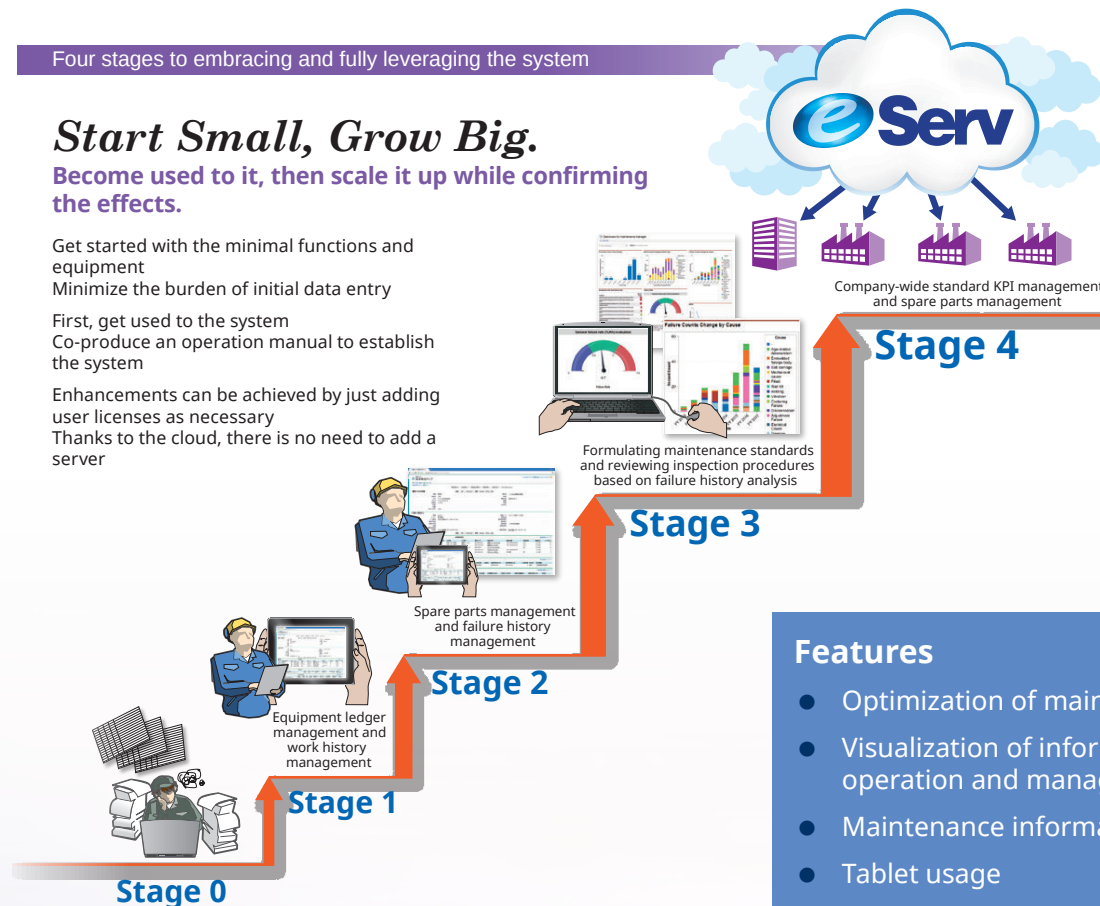
Start Small, Grow Big.

Become used to it, then scale it up while confirming the effects.

Get started with the minimal functions and equipment
Minimize the burden of initial data entry

First, get used to the system
Co-produce an operation manual to establish the system

Enhancements can be achieved by just adding user licenses as necessary
Thanks to the cloud, there is no need to add a server



Features

- Optimization of maintenance plan
- Visualization of information for business operation and management
- Maintenance information sharing
- Tablet usage

Expected benefits of eServ

REDUCTION IN FAILURES

- Locating the weak points in production facilities and strengthening them → Makes the production facilities fault-tolerant
- Preventing failure recurrence and making innovations to encourage a preventive maintenance culture → Makes a change from passive maintenance to proactive maintenance
- Reducing the frequency of line stoppages and downtime → Reduces production opportunity loss and loss from having to repeat production

DISCLOSURE AND SHARING OF MAINTENANCE INFORMATION

- Standardizing the maintenance information that used to be held by individuals in varying detail and quality → Enables aggregation, analysis and comparisons
- Reinforcing practical use of maintenance information as shared assets of the organization → Enables transfer of knowledge and visualization of information

INCREASE IN PRECISION OF MAINTENANCE BUDGET PLANNING

- Budget planning using buildup method → Selection and aggregation based on priority levels
- Maintenance planning for medium and long term → Levelling maintenance costs and labor

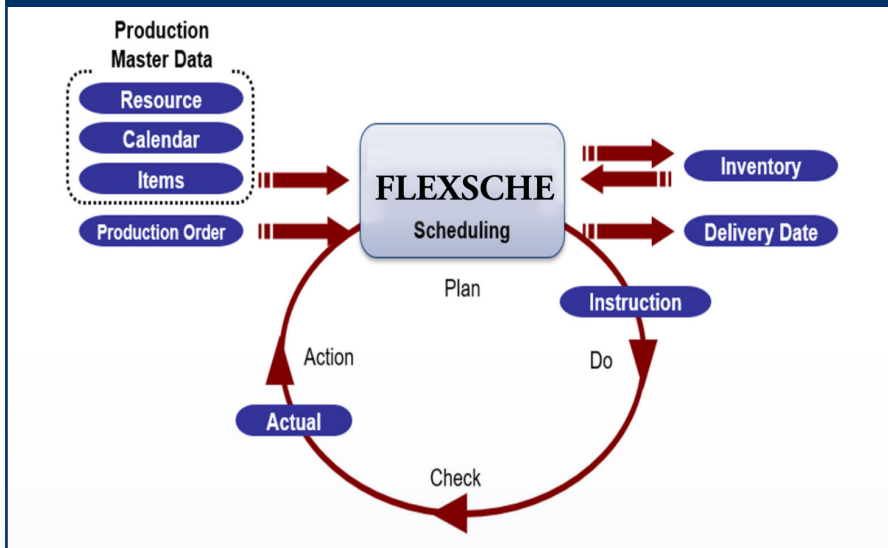
FLEXSCHE

Next generation production scheduler with ultimate flexibility

Enjoy high flexibility and usability with FLEXSCHE GP

With the FLEXSCHE GP, you can freely define elaborate scheduling rules by process or by order that can be adapted to your industry type, factory or process circumstances in accordance with the desired application. Furthermore, the outstanding data-modeling ability boosts the flexibility for various applications

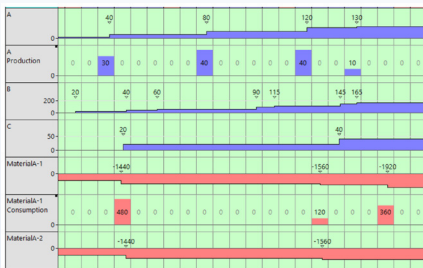
FLEXSCHE's Advanced and User-Friendly Scheduling System



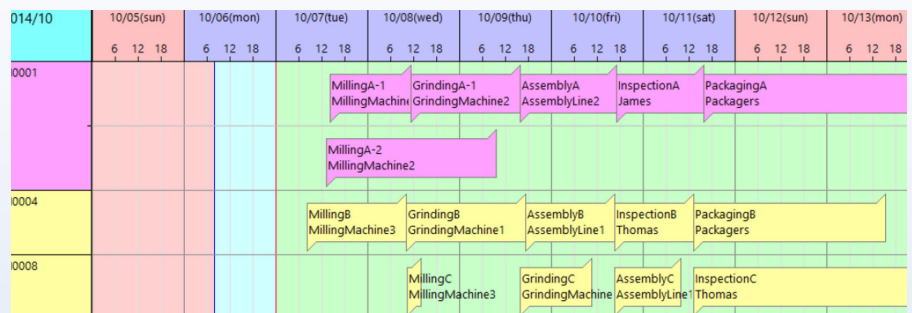
Benefits

- ✓ Flexible and easy scheduling rules creation
- ✓ Seamless integration to third party systems
- ✓ Multiple rules registration in one project (file)
- ✓ User controlled customization
- ✓ Master data restructuring as per the needs of each factory

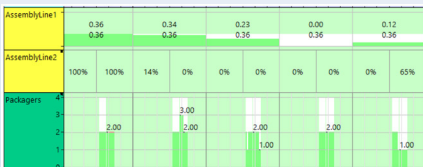
Inventory Chart



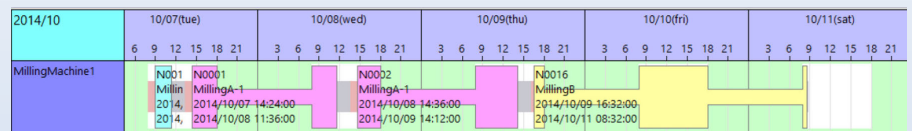
Order Gantt Chart



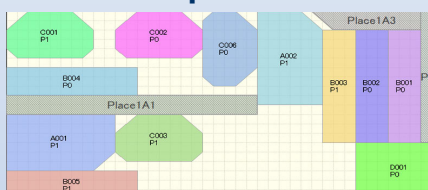
Load Chart



Resource Gantt Chart

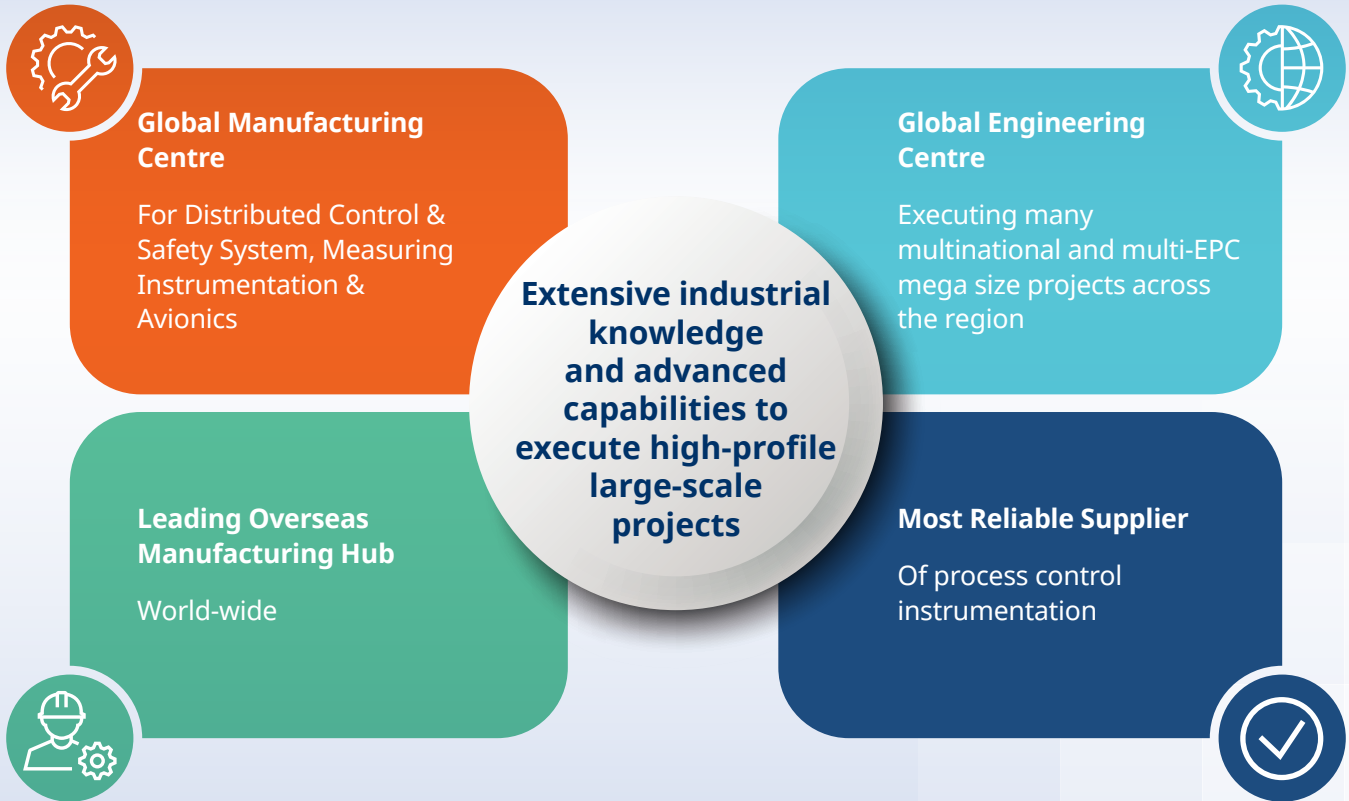


Workplace Plan



Automatic scheduling based on predefined scheduling rules. Correct manually if necessary.

About Yokogawa



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