

## OA Europe

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## Object Automation

### Organization

ObjectAutomation, Inc. is a Southern California based corporation providing leading edge Control & Operational Intelligence software to Fortune 1000 companies in the manufacturing, energy, and utilities industries. The company was founded in 1996 and is headquartered in Irvine, CA, with offices in Charlotte, NC, and in The Netherlands. ObjectAutomation is recognized as the worldwide pioneer in the development and implementation of object-based industrial automation and control systems. ObjectAutomation's OAenterprise, initially released in 1998, is now in its 5th major release with over 200 man-years of development, making it the most advanced and mature object-based open control system in industry.

### Our vision

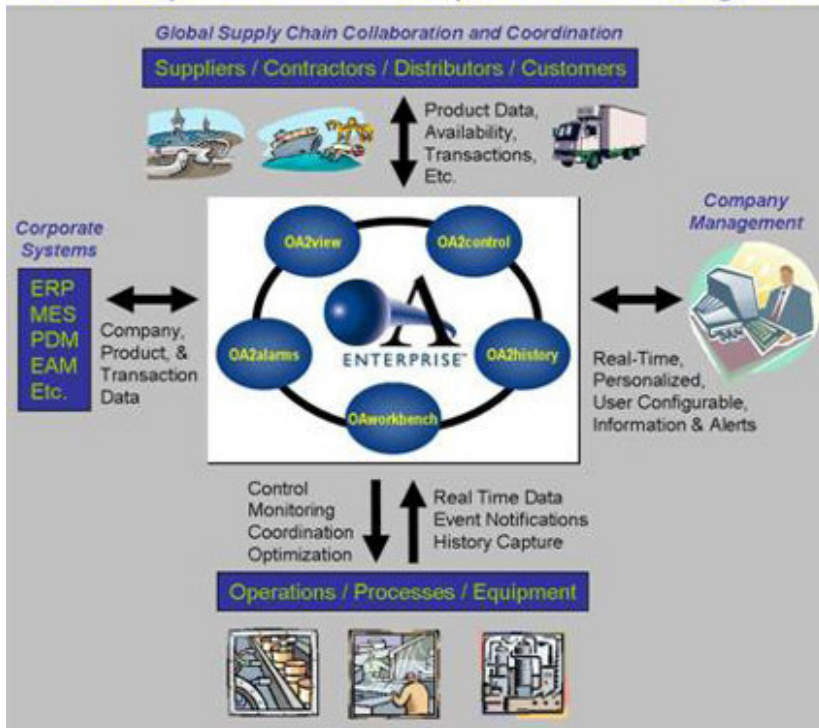
- To be the Market Leader and the Industry Standard in Process Information & Control Software
- To be recognized as the best product in the marketplace - most reliable, most robust functionality, most value, easiest-to-use
- To have the highest quality service and implementation in the marketplace
- To be committed to research and development

### OAenterprise: Distributed, Real-time Information & Control

OAenterprise is a powerful and comprehensive Control and Operational Intelligence System, which allows users to graphically monitor, control and coordinate all key business and manufacturing processes. Unlike traditional automation and control systems, OAenterprise offers the world's most adaptive process modeling technology and unlimited extensibility and scalability. OAenterprise allows for:

- **Secure Monitoring:** Empower everyone in the enterprise to see operations, process flows, and conditions at every level of your operation in real-time;
- **Powerful Control:** Optimize your operations by adding control logic and automated decision support to improve productivity, customer service, agility, and responsiveness;
- **Comprehensive Coordination:** Enable real-time cooperation and well-orchestrated effort within and between every operation in your plant, factory, or enterprise.

## OAenterprise Control & Operational Intelligence



OAenterprise is the only product in the marketplace that provides both real-time plant floor process monitoring & control and coherent, intelligent business system interaction in one integrated, open solution.

Combine all this with an advanced, yet proven distributed architecture that provides flexibility, scalability, extensibility and user configurability, and you have the most comprehensive production information, control and automation system available.

Built on an open, real-time, distributed object framework, OAenterprise is a secure and robust industrial software environment. Within OAenterprise, control, visualization, history, alarming, and 3rd party applications interoperate across a distributed PC network.

OAenterprise features *powerful re-use technologies*. User-defined objects can closely represent physical devices and equipment, effectively model production and distribution processes, or host supply chain transactions. These intuitive building blocks make it easy to capture business and process knowledge, replicate it, maintain it, improve it, and re-deploy it as your enterprise evolves.

OAenterprise enables unparalleled process adaptability. It is designed to extend the proven benefits of real-time, manufacturing process control up to your business systems, without locking you into the delivered configuration. This differentiates OAenterprise from most software tools, which have concentrated on making initial application development easy while ignoring the daily maintenance and inevitable changes that occur during - and often limit - an application's life cycle.

Organizations grow in fits and starts. Consequently, the average enterprise uses roughly 50 key applications running on as many as 13 different platforms interfacing with up to 10 critical databases. Getting these non-related applications to work together has, until now, required a tangle of inflexible point-to-point connections. Any software tool that must live within these constraints can only extend that same limited paradigm to its users.

OA Enterprise cuts through the morass with a set of high-level software tools and a rich, *Object-Based Control* (OBC) infrastructure. You get a complete Process Information and Control solution, without having to replace systems that are already working in specific areas. Our OBC solution allows you to monitor, control, and coordinate any operations in your enterprise and its supply chains as series of interacting devices, sub-systems, and processes. Each solution is a neat, reusable, self-contained package of connection points, graphics, configuration settings, properties, and control programs called an "object." You can easily extend these objects to form new and more powerful objects. You can even "objectize" your legacy applications, lengthening their life and broadening their usefulness. A Process Information and Control solution then becomes the straightforward linkage of all these objects to form an enterprise control strategy.

## Modules

- **OAworkbench:**
  - **OA2browse**, the Main User Interface to the OA framework
  - **OA2help**, Online, Extensible, HTML-based Help
  - **OA2inform**, Document Management
- **OA2control**: Creation, Management, and Execution Engine for Control Logic, Algorithms, and Business Rules
- **OA2view**: Real-time Process Visualization & Management
- **OA2history**: Distributed Real-time Process Data Storage, Display, and Management
- **OA2alarms**: Real-time Alarm and Event Detection, Notification, and Management