Companies which have implemented MES...

- Can increase the efficiency of manufacturing operations
  - Reduce production lead time
  - Maintain low WIP/inventory level by efficient resource management
  - Reduce product defects and provides compliance rate
- Can prevent business risks
  - Reduce product liability risks
  - Increase credibility in meeting delivery time
  - Improve customer service
- Can increase profits
  - Reduce production related costs
  - Support optimized decision-making
  - Increase ROI

Source: MESA (MES association)

About Miracom’s Nexplant MESplus AE Cloud...

Nexplant MESplus AE Cloud does not provide a standard method for companies to build their own MES, but it is a cloud MES service that charges you as much as you need.

High-quality MES at reasonable cost
- Minimize initial investment costs
- Multiple vendors use the same Cloud service to minimize operating costs

Integration & efficiency of IT operation
- IT operation integration by Cloud based centralized management
- Cost reduction and streamline operation by supporting data and application operational resources

Miles Benefits

- Product data input time shortened by more than 75% on average
- Work time reduced by 61% on average
- Loss of document work reduced by 56% on average
- Manufacturing cycle time shortened by 45%
- Lead time reduced by 27% on average
- Inventory reduced by 34% on average
- Defect rate reduced by 18% on average

Source: MESA (MES association)

Nexplant MESplus AE Cloud Features

- Minimize Implementation & Operation Costs
- User-centric UI
- Standardized Operator Interface (OI)
- Standardized Report
- Proven Solution

- High-quality MES at reasonable cost
- Latest infrastructure provided
- Rapid development
- Operational support by proven professional resources
- End user communication

Applicable for following companies

- Companies without dedicated manpower related to production management system
- Companies whose initial construction costs are burdensome
- Companies implementing MES for the first time or which want to focus on core functionality first

Learn more about our Nexplant MESplus AE Cloud solution.

We will find the right way to address your needs and suitable for your manufacturing environment.

Contact : +82-2-2125-6800, mktg@miracom.co.kr

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What is MES Cloud Service?

What is MES (Manufacturing Execution System)?

MES is an integrated production management system that focuses on real-time monitoring, control, logistics, work history tracking, status monitoring, and defect management at the manufacturing site. Through MES, manufacturing companies can understand all the information on the production site in real-time, so that not only production processes are improved, but they can also make the best decision for manufacturing operation management.

What is Cloud Service?

In general, MES system is directly implemented and operated by configuring internal hardware & network, whereas Cloud is a service where you pay as much as you use by utilizing a MES platform integrated into a remote data center.

Difficulties for small-sized manufacturing companies...

Is there a way to lower costs and improve quality?

- Do you face an increasing pressure to cut production costs and improve quality?
- Do you have difficulty in responding to quality data requested by the customer?

System implementation costs are high and lacking IT operation resources...

- Miracom’s Nexplant MESplus Alpha Edition Cloud will provide answers to your concerns.

Basic, Standard, and Premier packages are offered according to Nexplant MESplus AE Cloud functional & service level.

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<th>Customization (additional development)</th>
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Note 1) 6x modules: Production Management, Material Management, Quality Management, System Management, Master Data Management, Bar Code Label Management