

Improve system operation with central management of manufacturing data

◆ Features

Taking SCADA from a visualization tool to an IoT platform

In addition to visualization of collection data, due to GENESIS64's outstanding affinity with the host system, large-volume/wide-range data collection and utilization, it repositions SCADA as a platform for data utilization contributing to the integration of FA and IT.

Proposing operation improvement leveraging SCADA

GENESIS64 makes it possible to not only monitor manufacturing shop floor data in real-time, but also centrally manage data stored in host databases such as MES and ERP. This supports the overall optimization of production activities.

Batch proposal/support of monitoring control solution combined with our FA equipment

Helping our customers solve problems through proposals and support in combination with FA equipment often used on manufacturing shop floors such as programmable controllers and GOT.

◆ Diagram

GENESIS64™

■ GENESIS64 Basic SCADA



- ✓ Equipped with essential functions for a SCADA system
- ✓ Add-on options enable customers to build systems that meet their needs

■ GENESIS64 Advanced



- ✓ Facilitates building of large-scale systems that require high reliability, such as redundancy
- ✓ Supports a variety of the latest technologies such as cloud/AR support.
- ✓ BI functions support large-scale data analysis

Improve system operation with central management of manufacturing data

◆ Features

① Build a flexible monitoring system

- With over 1500 types of components for a myriad of screen displays, screens can be prepared to suit the display target/application at low cost.
- Supports monitoring in web browsers and mobile apps, enabling flexible remote monitoring not bound to a specific terminal.

② Utilize the vast volumes of data in large-scale systems

- By constructing a high-speed and highly reliable data collection system, it is possible to accumulate vast amounts of data.
- Various analysis support functions process and display the collected data to make it easier to use. Supports the extraction and early resolution of system issues.

③ Original proposals through strengthened liaison with Mitsubishi Electric FA equipment

- The MELSEC/GOT direct communication driver realizes high-speed, high-reliability data collection.
- The GOT screen conversion function (to be support in the future) enables the GOT screen assets you have on hand when building GENESIS64 screens to be re-used.

◆ Diagram

Production/operation monitoring screen



Various analysis support functions



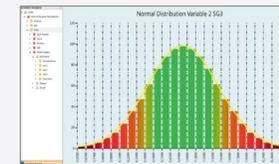
Production/operation analysis

Alarm analysis

Energy-saving analysis



Equipment maintenance



Quality analysis