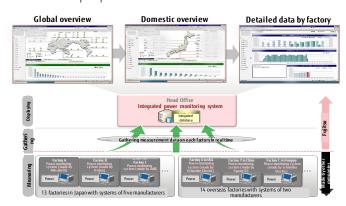


Challenge

- Analysis of the status quo and policy reviews have been carried out to achieve business goals based on the judgment of staff in charge of individual factories
- To analyze the status quo, factory supervisors have had to depend on weekly/monthly reports from the staff in charge
- These circumstances have prevented the company from making quick and accurate decisions and taking appropriate measures to achieve business goals

Solution

 Visually displays how power is consumed at each factory from various perspectives



- Integrates measurement data obtained from power monitoring systems and sensors made by various manufacturers into a single system through interface conversion
- Provides communication features that allow text messages to be freely displayed on the screen, enabling factory supervisors to submit status reports and provide information to managers and other factories

Benefit

- Real-time data analysis enables quick decisions to be made and effective action to be taken for achieving goals
- Access to data on other factories is available to support making systematic decisions at corporate level
- Analyzing long-term trends using Big Data and other operations make it easy to understand the characteristics of individual factories as well as their manufacturing

Products and services

- Intelligent Dashboard technology is used to collect data from factories' power monitoring systems made by other companies and to visualize the data
- Microsoft SQL Server is used to store the collected power consumption data for a long period of time

