



b.data Energy Management

Information distribution at
General Motors Powertrain - Austria GmbH, Aspern / Austria



The same criteria used in the clear company vision "The world's best drive components for our customers" was also used when selecting suitable tools for infrastructure management.

In addition to an innovative building management system, which was also implemented by Siemens, b.data rounds off this holistic solution with the functionality of an energy management and operating information system.

Significant added-value was achieved by the automatic reporting system which can be "easily" configured by the users. Special focus was placed on the flexibility of the reporting system, since in the

complex plant structure of a high-tech company, the plant parts are always changing in short cycles, production lines are reconstructed and the requirements for reporting are constantly increasing.

With the implementation of b.data, information distribution to the various sectors is possible with minimal effort and it thereby supports the various sectors of GM in Aspern in performing their routine tasks.

7000 data points are transferred from the Facility Management & Control System (FMC) and saved in the central relational database where they are then available for further evaluations.

Energy Management

Answers for industry.

SIEMENS

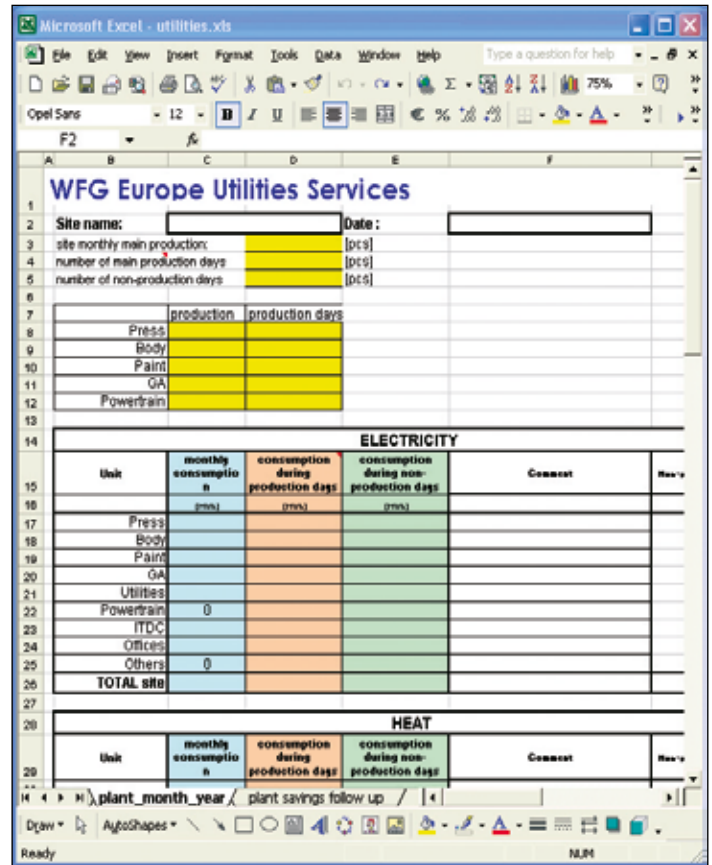
Versatility and flexibility as a success factor

The versatility of b.data ranges from the analysis of weather data to group reporting, whereby the centrally stored data are processed into information with differing attributes. Through the implementation of MS Excel as a presentation tool, the design of reports knows almost no limits. All energy values, which are also collected by the corporate headquarters, can be automatically prepared using b.data and sent directly to the headquarters.

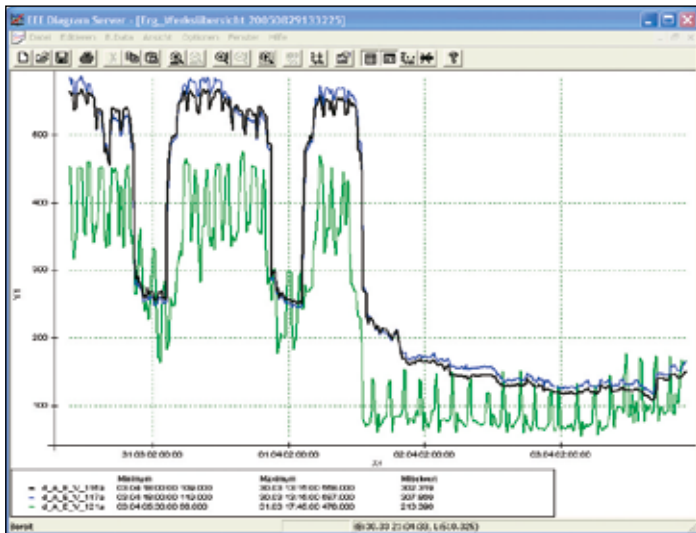
Selected project requirements

- Data recording and interface management (direct coupling to the building management system and data transfer from more than 7000 data points)

- Automatic reporting system (flexible and simple reporting, automatic printing, automatic e-mail distribution)
- Presentation of reports in Intranet (accessible by those responsible for sectors)
- Long-term data archiving (evaluation possibility over several years)
- Typical day and shift evaluations
- Consumption analysis across all media
- Energy controlling (target/actual comparison)
- Comparison of various time frames (Feb. 2004 with Feb. 2005)
- Balancing of power supply and disposal



Intranet Viewer Utilities



Intranet Viewer Trend

All the project requirements together made the implementation of a flexible tool inevitable. Using the standard software b.data, the various requirements were fulfilled and a platform was formed with which the system is now equipped for future requirements and expansions.

Siemens AG Österreich
 Industry Sector
 Industry Automation and
 Drive Technologies
 Kraussstrasse 1-7
 4020 LINZ, AUSTRIA

Contact:
 Rudolf Traxler
 Phone +43 (0)5 1707 61875
 rudolf.traxler@siemens.com
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www.siemens.at/bdata

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