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Connecting Disparate Data Sources to Improve Operations

BASF, a large global chemical producer with headquarters in Germany, has operations in more than 80 countries. The company's manufacturing fleet includes six highly-integrated "Verbund" production sites and 350 other sites around the world. Its goal is to "create chemistry for a sustainable future," with economic success and environmental and social responsibility. Using digitization and data, the company is increasing the efficiency and effectiveness of its processes while creating additional value for is customers..

BASF
We create chemistry

AT A GLANCE

Customer: BASF

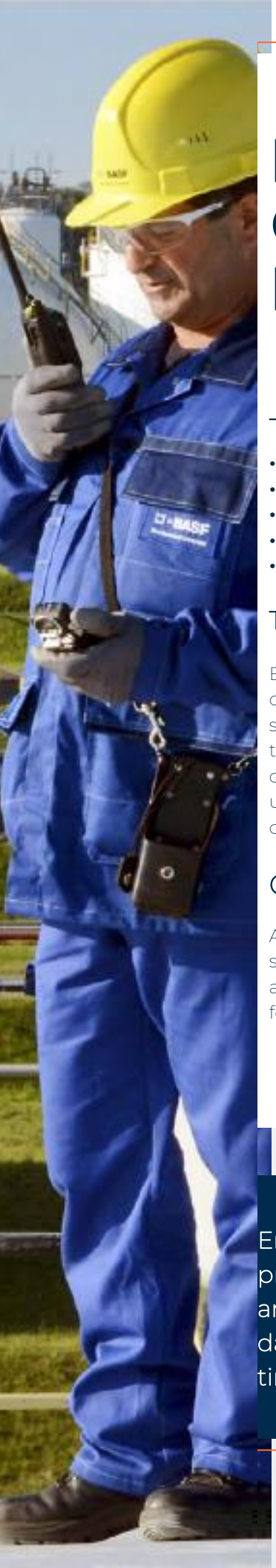
Website: www.basf.com

Customer Size: 111,000 employees

Country: Global

Industry: Chemicals

Product: AspenTech Inmation



BASF Streamlines Operations by Connecting Disparate Data Sources

The Challenge: Integrating Data Across Plants and Geos

- Data Connectivity and Integration.
- Smart Data and Common Data Language
- Data Transport and Integration
- Data Visualization
- Scalability & Security

The Solution: Connect Real-time Data from Hundreds of Sources

BASF selected AspenTech Inmation, a software solution that provides real-time, bi-directional connections that aligned well with the BASF's IT organization and its system integration standards. The solution prioritizes the transport of compressed and encrypted data in near real-time to handle a wide array of data types (time series, text information, alarms or events, etc.) and can be set up and replicated very quickly in different world regions to speed up access for local users. In addition to this core capability, the solution embeds technologies such as data-driven digital dashboards, HTML5 and streaming analytics.

Customer Benefit: Scalable, Secure Industrial Data for Analytics

AspenTech Inmation provides multi-layered information that brokers BASF's multitude of data sources from the array of data-consuming applications. Using digitization and data, BASF was able to increase the efficiency and effectiveness of its processes while creating additional value for its customers.

Enables excellent process visualization and digital dashboards in real-time

Guarantees high availability and data interpretation of the data via a data broker and data model

Easily connects legacy systems and other data sources and is scalable across the enterprise