



Qlik® for supply chain: production insights

Revealing trends and driving quality, efficiency, and utilization

Challenge

The plant is where materials are planned, received, stored, moved and transformed into finished or refined goods. Operations must deliver efficiency, cost reduction and quality, while maintaining a high degree of utilization.

Data, product and information flows are many and varied – shop floor and back office data needs to be consolidated and analyzed to identify opportunities to improve operational performance.

Businesses also need performance analysis in areas such as quality management, production planning, scheduling and control, waste reduction, asset management, plant efficiency and regulatory compliance among many others.

Solution

Qlik and the partner community have built a number of 'Apps' to address and demonstrate capabilities related to this supply chain solution area.

Qlik for Production Insights apps empower individuals and groups to make faster and better informed decisions by allowing them to:

- Access timely, accurate and consistent data from multiple sources to understand, manage, and improve production performance
- Aggregate data and metrics using consistent definitions
- Analyze production trends, dynamics and Key Performance Indicators across multiple dimensions such as plants, production lines, machines, products
- Monitor and evaluate production against plan
- Leverage secure mobile access to stay fully informed and make decisions on-the-go



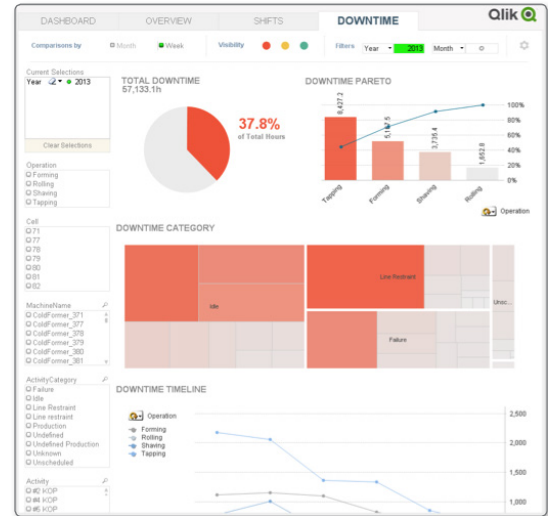
Example: Access a complete overview of production operations combining information from ERP, Supply Chain Execution, MES, and inventory systems

“ Qlik, by letting us analyze and visualize our key data, provides us with the perfect basis for optimizing our manufacturing processes. ”

— Cheikh Ould Oudeika, *Manufacturing IT-Systems Siemens Turbomachinery Equipment*

Customer examples

- BBS Food – “Through Qlik® we discovered insights into production output, for example a lowering or increasing of the temperature by one or two degrees could produce a few percent more end product. It goes without saying that a few percent of thousands of kilos constitutes a substantial cost saving.” Jaap Brokking, General Manager, BBS Food
- Global Electrical Components and Systems Manufacturer – uses Qlik on the shop floor to give visibility into production schedules and inventory so that real-time decisions can be made by front line workers, speeding materials through the system, reducing waste and improving on-time delivery in support of its on demand, lean culture
- Pergo – uses Qlik for Six Sigma analysis , managing baseline quality for continuous improvement teams
- Leading Diversified Technology Manufacturer – uses Qlik to track and measure performance across multiple dimensions to analyze core quality data to support it’s Six Sigma initiatives
- Adige Commercialcarta – has been UNI EN ISO9001 quality certified since 2004; the company believes that the application of Qlik to analyze and control data was crucial in obtaining this certification
- Furninova – comprehensive information from Qlik allows them to better assess and adjust product lines and production schedules to meet evolving customer and market trends



Example: Analytics driven downtime analysis provides the basis for understanding issues and taking corrective action