



Factory Command and Control Center (FCCC)

Centralize Performance
Management in Manufacturing!

A New Age in Business Intelligence and Data

Manufacturing's New Mandate

- Agility**
- Supply and demand volatility requires higher supply chain resilience
 - Need for remote monitoring and operations control
- Innovation**
- Emergence of Smart Factories
 - Need to address shrinking product lifecycles & increasing product differentiation
- Customer Centricity**
- Omnichannel customer behavior demand a uniform experience across channels
 - Customers are more informed because of proliferation of the internet
- Operational Excellence**
- Rising competition calls for higher quality at lower cost.
 - Rising labor costs increase the need for automation and improved workforce collaboration

- Increasing data in the manufacturing process: People, Raw Materials, Equipment, Logistics and Customer
- All this data still not utilized fully because of it residing in source systems (silos)
- Industrial data now in reach of the manufacturers with the IT/OT convergence
- Capture and interpret manufacturing data with the help of advanced and predictive analytics to enable proactive interventions

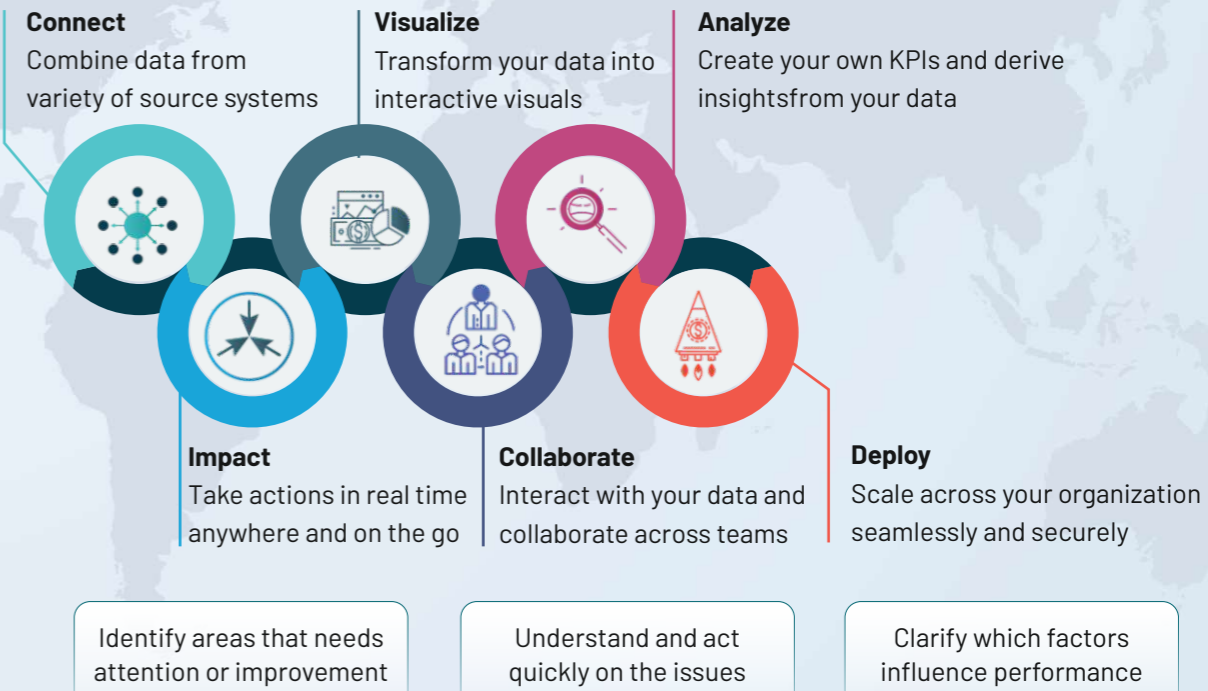
Applying Business Intelligence on Manufacturing Data



Factory Command and Control Center (FCCC):

A New Approach to Business Analytics

ITC Infotech's Factory Command & Control Center solution adopts a radically different approach to convert data into meaningful insights. Centralized performance management platform with enterprise-wide visualization of KPIs through real-time dashboards.



FCCC Platform : Key Differentiators and Capabilities

- Any Data from Any Source**
- Connect to any data source, without the need to build complex data models or ETL
- Connect to relational databases, big data, web services, cloud apps, and proprietary data sources
- Blend and co-present data from varied sources in a unified fashion
- Handle large and complex data sets with data caching for performance
- Interactive & Personalized Dashboards**
- Self-service BI capability for business users to create their own dashboards
- Flexibility to choose from a variety of charts, widgets and controls to create interactive visualizations
- Interact and personalize dashboards based on data sources, roles, output
- Easy access of source data to end users through exports in Excel, PDF, CSV and XML
- Intuitive Analysis**
- Intuitive, user-friendly tools for data discovery and data visualization
- Build your KPIs and metrics for targeted analysis and actions
- Create linked views and dashboards for dynamic drill down and analysis
- Open architecture to integrate, customize, and extend functionality
- Actionable Insights**
- Take action with seamless insights through live alerts and integration with external systems
- Collaborate and communicate in real time with Office 365 and NLP integration
- Responsive UI to ensure usage across mobile devices and landscapes
- Fully Customizable and Extensible to meet specific custom requirements

How can Manufacturers leverage the FCCC platform ?



Global Performance Dashboard

- Live monitoring of your entire company performance across all operational metrics
- Single unified view of your value chain to take actions just in time



Regional Performance

- Consolidated view of country wide performance of all sites across PQCDSM metrics
- Identification in real time of good and bad performers for quick actions



Factory Operational View

- Faster time-to-value and streamlined processes as a result of centralized monitoring
- Access to all factory data and KPIs for targeted actions



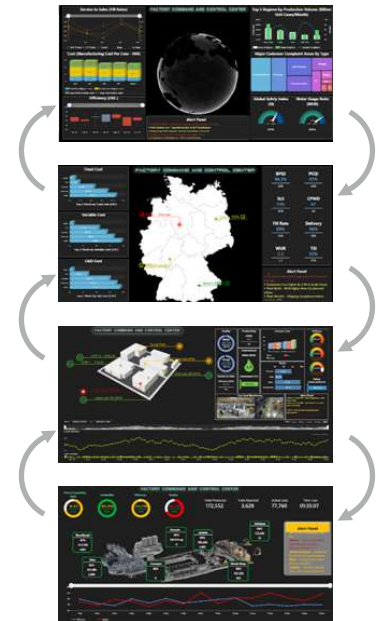
Line Performance Monitoring

- Live access into machine and line performance at all employee levels
- Real time alerts and trends of key metrics and machine parameters



Issue Resolution

- Generation of work orders/maintenance orders for immediate actions in external systems



About ITC Infotech

ITC Infotech is a leading global technology services and solutions provider, led by Business and Technology Consulting. ITC Infotech provides Business-friendly Solutions to help clients succeed and be future-ready, by seamlessly bringing together digital expertise, strong industry specific alliances and the unique ability to leverage deep domain expertise from ITC Group businesses. The company provides technology solutions and services to enterprises across industries such as Banking & Financial Services, Healthcare, Manufacturing, Consumer Goods, Travel and Hospitality, through a combination of traditional and newer business models, as a long-term sustainable partner.

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