



THE PLEX SMART MANUFACTURING PLATFORM

PLEX MANUFACTURING ANALYTICS



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Unlocking the Power of Your Data with Plex Manufacturing Analytics

Manufacturing software systems typically collect incredible volumes of data across the enterprise. Although data alone can't improve your analysis or business decisions, getting an accurate view of your business is impossible without it. You need data that is accurate, readily accessible, and secure. Instead, information is often stored across multiple, disparate systems, and manually based data management processes are time consuming and error prone. From the executive level to the front lines, effective decisions are compromised without reliable, timely data. Many manufacturing companies must deploy a team of data and business analysts or IT resources to build and maintain reports, analytics, or dashboards for the company's business users and executives.

However, this approach can result in delays, constant iterations, and frequent miscommunication between what business users need and what the data team delivers. What do business users really want? Readily available, personalized analytics and visual insights that help them make better, more informed business decisions without relying on the data team for help. The solution? Plex Manufacturing Analytics, which is changing the game in reporting and analytics for manufacturers. With

Plex Manufacturing Analytics, you gain the power of built-in, real-time dashboards, reporting, and analysis across all integrated processes within the Plex Smart Manufacturing Platform.

Plex Manufacturing Analytics provides preconfigured, role-based dashboards and reports that display manufacturing-specific insights using industry-standard key performance indicators (KPIs). Now users from the executive level to the shop floor can immediately take advantage of rich, interactive visualizations right out of the box without any configuration, coding, or database knowledge.

While many KPIs, such as cost of goods sold or Accounts Receivable aging, are standard across the manufacturing industry, Plex recognizes that everyone's business is different. So Plex Manufacturing Analytics supplies intuitive tools that make it as easy as possible to create customized or personalized dashboards without writing any code. Best of all, the Plex Smart Manufacturing Platform includes a cloud-based data warehouse that provides a single source of truth, eliminating the need to combine disparate data sources and giving your users relevant insights to make informed, data-driven decisions.

BENEFITS OF PLEX MANUFACTURING ANALYTICS

DATA-DRIVEN ACTIONS

In a globally distributed company, information may be spread across multiple, disconnected systems, making it difficult to consolidate into a single version of the truth. If executives can't access the right data, find the analytics too cumbersome to use, or can't trust their data, they find themselves flying blind. Plex Manufacturing Analytics offers true role-based executive dashboards to allow business users to take data-driven actions, rather than slog through spreadsheets or wait for data analysts to build them custom reports. With Plex, you get:

- A single system for access to business information for quick reporting – from anywhere
- Self-service ad hoc reporting, allowing business users to get answers and data without writing a single line of SQL
- Built-in, role-based analytics with thoughtfully built dashboards and reports using knowledge gained from 20 years of manufacturing expertise

VISUAL INSIGHTS

To make informed strategic decisions quickly, manufacturing executives require fast and reliable access to critical insights. But relying on complex manual spreadsheets or waiting for data analysts to provide static reports can make reliable analysis difficult and time consuming. With Plex, you get:

- Rich visualizations of historical data, allowing you to readily identify patterns or trends, explore and discover business gaps, and correct problems
- True role-based dashboards that empower users to make trusted data-driven actions quickly and easily
- Access directly from the Plex Smart Manufacturing Platform so business users can rapidly navigate to the insights they need all within a single system

ROLE-BASED ANALYTICS

Different roles within a manufacturing organization require not only very different metrics but even different ways of presenting and viewing data. You or another user may prefer a unique layout, metric, data presentation, or even color scheme. With Plex, you get:

- Role-based dashboards that furnish the right information to the right user at the right time
- Automated reporting by function giving you details about performance through visual, intuitive dashboards and enabling you to drill down and drill around
- Ability to quickly create custom dashboards and reports across multiple areas (plants, suppliers, customers, etc.), giving users the exact information they need to make everyday business decisions

Plex Manufacturing Analytics – Prebuilt Dashboards by Function

FINANCIAL ANALYTICS

- Look at the financial health of the business through a collection of KPIs, including revenue, gross profit, cost of goods sold, invoices, margins, receivables aging, payables aging, and others.
- View consolidated financial performance data for the enterprise or look at the performance of individual manufacturing facilities one by one.

HUMAN CAPITAL MANAGEMENT

- Monitor workforce activities and improve them through a collection of KPIs, including number of injuries, turnover rate, employee headcount and growth rate, gender distribution, and more.
- Quickly access purpose-built employee demographics, performance, training, safety incidents, turnover, tenure information, and other metrics, designed for people managers.

PROCUREMENT AND SPEND

- Monitor purchasing activities through a collection of KPIs, including spend, supplier scorecard, purchase order cycle time, purchase order size, purchasing trends, top 10 parts and suppliers, and more.
- Readily view purpose-built purchasing, spend, supplier performance, supplier profile, material quality metrics, and KPIs designed for purchasing managers for more informed decisions.

PRODUCTION

- See consolidated production performance data for the enterprise or examine the performance of individual manufacturing facilities one at a time.
- Monitor plant floor activities through a collection of KPIs, including OEE, scrap rate, first pass yield, performance, inventory turns, on-time jobs, machine availability, and others.

SALES

- Look at sales performance of the business through a collection of KPIs, including net sales, order by product mix, order fill rate, customer lead time, and customer retention index.
- Track and analyze consolidated sales and order management data across each plant or generate a consolidated view for company-wide metrics.

SUPPLY CHAIN

- View best-practice analytics covering supplier performance, materials management, inventory control, production fulfillment, and customer success metrics.
- Monitor end-to-end supply chain activities through a collection of KPIs that include supplier late delivery, inventory turn, customer orders past due, manual inventory adjustments, cycle accuracy, shipments by country, and more.