Dploy®
solutions

Dploy Solutions Factory Floor Connectivity

Factory Floor Data Like You've Never Seen It Before

Stay connected to factory floor performance

Real-time connectivity to factory floor data by the second

- Leverage best-in-class OPC client-server architecture by Kepware
- Connect smart devices, PLCs, control systems, and industrial IoT sensors
- Support 140+ protocols (old and new)

Historical data collection via operational data historian

- Long-term storage of critical data
- Review trends with robust visualization tools and analytics

Dynamic and customizable digital dashboards

- HMI and SCADA dashboards to support factory views
- Drag-and-drop functionality to customize dashboards to each user's needs
- Data in dynamic charts and graphs update by the second

Escalate issues with the help of real-time alerts

- Identify issues before production gets off track
- Leverage multi-level drill down capabilities to identify root causes
- Create and manage action plans for quick resolutions

Looking for the reasons behind production misses? Find answers in your factory floor data.

Every day manufacturing plants generate millions of valuable data points. They are stored in equipment assets, embedded in Operational Technology (OT) and Information Technology (IT) applications, or manually entered in spreadsheets. This data is the key to understanding plant floor performance and pinpointing the root causes of problems. But too often, it isn't visible to decision makers in a way that makes sense. Operations leaders are left to manage with only part of the information they need.
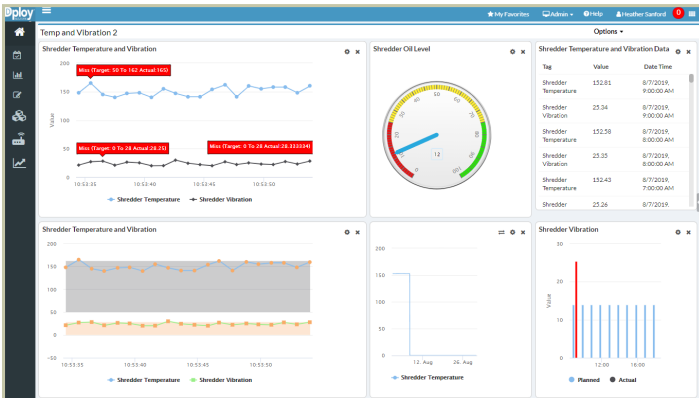
Tap into the value of real-time data at your fingertips.

Dploy Solutions Factory Floor Connectivity capabilities shed new light on performance. Using embedded technology from the leaders in Industrial IoT connectivity and visualization solutions, it works by continuously gathering data from your disparate plant floor equipment and systems and delivering it to decision makers in real time. No more manual entry of data by line operators. Operations leaders, plant managers, and operators see critical, down-to-the-second data via dynamic, fully customizable dashboards. They immediately know where problems are happening. They get alerts the moment performance starts to slip. And they are empowered to take quick action to correct issues that stand in the way of meeting daily goals and achieving operational excellence.

Key Features

Productivity on the factory floor is the lifeblood of manufacturing. Without tight controls and monitoring of equipment and processes, productivity could slip quickly. Dploy Solutions Factory Floor Connectivity brings clarity to your operations performance story. From dynamic dashboards to analytics and root cause analysis tools, the solution enables operations leaders, supervisors, and managers to keep production on track every hour, every day.
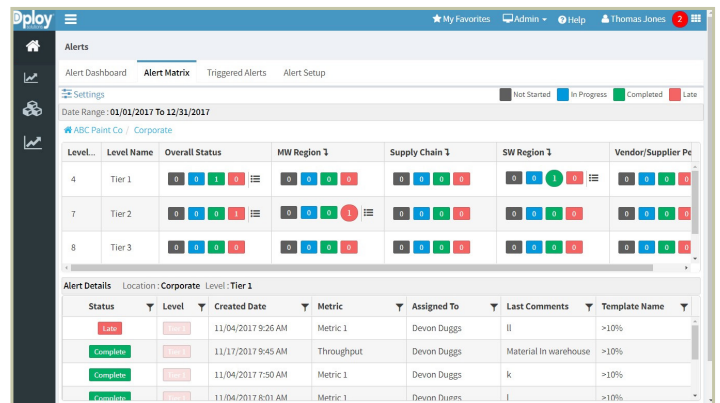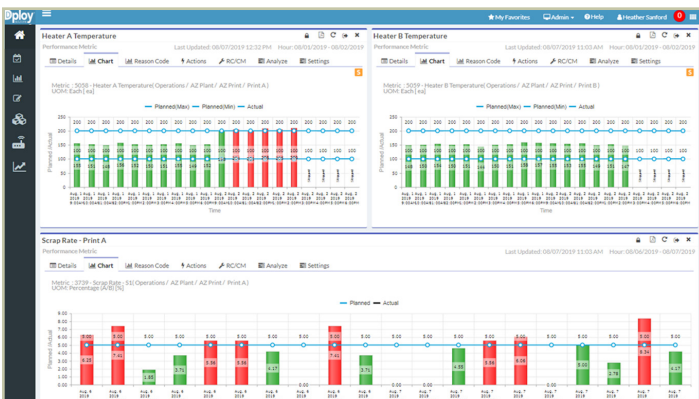
DYNAMIC DASHBOARDS

Data is gathered and then made available to end-users in the format that works best for them. Embedded, interactive, and dynamic charting tools allow you to choose from a variety of chart and graph styles using easy drag and drop functionality and simple data filters. In minutes, users can create dashboards specific to the metrics and factory floor data they most need to monitor. Utilize the Dploy Solutions Business and Manufacturing Analytics solution and dashboards to understand what outside factors are impacting factory floor performance.

ALERTS AND ACTION PLANS

Dploy Solutions uses customizable alerts to notify the right people via email or text when performance is off track on specific equipment or assembly lines. Alerts start at the lowest level. If problems cannot be resolved within a set timeframe, alerts are escalated up the chain of command. Users can create action plans with tactics to resolve the issues to get back on track.

OPERATIONAL HISTORIAN

The operational historian collects and stores high-resolution historical data from assembly lines, equipment, and OT applications and integrates with the data visualization tools in Dploy Solutions, empowering users to see what is happening on the plant floor, understand trends, and troubleshoot process and equipment problems. The powerful combination of data, robust visualizations, and analytics enables engineers, operators, and plant managers to make well-informed decisions to increase production, improve quality, reduce waste, increase safety, perform maintenance, and more.

Getting Started with Dploy Solutions

Dploy's Factory Floor Connectivity capabilities provide a cost effective, scalable solution for small to mid-sized manufacturers, allowing plant managers and equipment operators to monitor performance on the plant floor, address issues quickly, and sustain optimal performance. With our customer support and implementation services, you can get Dploy Solutions up and running fast – in day or weeks rather than months.

IT/OT Data Integration

Dploy Solutions consultants will work with your team to identify the specific equipment and systems that should be integrated. Data is collected from various systems and sensors, and IT and OT applications, and stored in the Operational Historian. Data can be streamed at any time interval your plant chooses eliminating the need for manual entry.

Implementation and Onboarding

Dploy Solutions has developed a fast and thorough implementation methodology so your factory can be up and running quickly. Every implementation project starts with a discovery session followed by software configuration and implementation, remote or onsite Super User training, and full launch to all users.

Customer Support and Training

Our priority at Dploy Solutions is to keep our customers connected to the business and satisfied with our services. We provide on-going updates and maintenance of the software with 99.5% services-levels. Our customer support team is available online and via the phone. Online training materials and videos are available via the online customer portal. And we host quarterly user-group meetings on requested training topics and new capabilities.

Analytics Support

Dploy Solutions consultants and data experts work with stakeholders and users at various levels to determine specific factory floor data visualization needs. We help you define the insights you're looking to uncover. Then we configure the analytics engine and dashboards to deliver information in meaningful ways and show the impact of various factors on factory performance.

STRATEGY DEPLOYMENT

Achieve breakthrough objectives faster with strategy execution tools.

The ability to connect people at all levels to the company's overall mission is the fastest way to strategic success. Our Strategy Deployment software aligns the daily efforts of everyone in your organization to your long-term business strategy. With Dploy Solutions, you create a culture where everyone actively strives for process improvements, creating sustainable value for the business.

KPI MANAGEMENT

Measure what matters.

The health of your business depends on everyone focusing on the organization's critical key performance indicators and meeting goals tied to those KPIs. With the Dploy Solutions KPI Management software, the entire team uses robust tools for KPI tracking, identifying missed targets, and taking appropriate actions to stay on track every shift, every hour. Everyone is accountable for driving measurable results daily and, ultimately, winning the year.

PROJECT MANAGEMENT

Drive rapid and continuous improvement.

Creating real-time visibility into key continuous improvement initiatives helps you reach strategic goals faster. Getting the job done starts with a Project Management software that empowers people to effectively complete projects on time, while keeping them connected to the KPI metrics that enable overall operational goals. Everyone keeps an eye on the end goal, and people know what to do, and when to do it, to ensure project success.

BUSINESS AND MANUFACTURING ANALYTICS

Know what really drives your business.

The embedded analytics capabilities within Dploy Solutions software makes critical factory floor and business insights available to decisions makers and employees across your organization. With this information, the organization becomes smarter, faster, and more in tune with what is happening in the business and why. People are empowered to take the necessary actions to drive increased and sustained levels of performance.

About Dploy Solutions

Developed by operations experts, Dploy Solutions is a digital manufacturing and Industrial IoT solution that connects, visualizes, and analyzes data from the top-floor to the shop-floor. We help small to mid-sized companies move down the digital manufacturing path and create value from technology investments while taking Lean and Continuous Improvement to the next level.

Kepware—Our Partners in Plant Floor Connectivity

Dploy Solutions partners with the leader in industrial IoT connectivity solutions to help businesses connect diverse automation devices and software applications. Data is collected from assembly lines, equipment, and Operations Technologies and integrated with the data visualization tools in Dploy Solutions, empowering users to see what is happening on the plant floor, understand trends, and troubleshoot process and equipment problems.

Highcharts—Our Partners in Interactive Factory Floor Visualization

Dploy Solutions uses the embedded charts and graphs provided by Highcharts to present factory floor data in customized, dynamic dashboards. Using Highcharts' extensive library of interactive charts and graphs, Dploy Solutions offers easy drag-and-drop capabilities to create user-specific dashboards based on role, function, assembly, or equipment performance. Dynamic charts update by the second keeping end users well informed on key metrics.

Request a Demonstration
Call us at 800.438.5535

507 Airport Blvd, Ste. 105
Morrisville, NC 27560
O 919.471.5535
TF 800.438.5535
dploysolutions.com