Coolfire
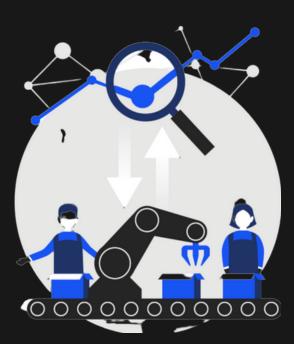
TOP 3 INDUSTRIES WINNING AT IT/OT CONVERGENCE

These 3 industries are most prone to disruption so it should be no surprise they are leading the pack in successful IT/OT convergence.

MANUFACTURING

IT/OT convergence is transforming plants by making existing practices more efficient and cost-effective. IT and OT are traditionally split into production and demand cycles. OT systems gather data from the production floor to guide product cycles and inventory management. IT systems handle market changes and customer conversion rates, deriving predictive analytics for future demand.

IT/OT convergence enables companies to integrate the two. OT departments can strategize to meet changes in demand in real-time, and IT can draw on inventory updates used to guide price changes.

OIL & GAS

In the past, distributed locations and complex equipment made unifying systems and processes impractical for oil and gas companies. With OT infrastructure spread across continents, local teams had to assume manual responsibility for operations, maintenance, and upgrades. Advances in IT now allow larger OT teams to access operational data remotely, optimizing their operations and eliminating the need for local-level process like equipment inspections.

IT/OT convergence also helps to ensure compliance, track energy distribution, and stteamline maintenance schedules.

TRANSPORTATION

Integrating IT and OT can help rail, bus, and metro operators to gain visibility into the condition and usage of assets. This guides short-term repairs and long-term planning for asset replacement and increased safety.

The rise of e-mobility devices such as electric bikes, scooters, and buses is also made possible from IT/OT convergence. Researchers expect e-mobility revenue to grow to $62.2 billion by 2025. Coordinating these physical assets in the intersection of IT and OT will help streamline maintenance, ensure safety, and increase reliability of the devices.

Coolfire enables IT and OT teams to share data from integrated sources and respond to events as they happen. By combining your existing data and workflows into a single interface, Coolfire streamlines communication and helps companies achieve industry-leading process optimization.

To learn more visit www.coolfiresolutions.com or call 314-202-4078