BigPanda

Benefits

✓

Reduce costs

With unified visibility and correlation across data sources, teams have the situational awareness needed to resolve issues faster and with fewer people.

✓

Ensure predictive maintenance

Leverage analytics to proactively identify recurring issues and coverage gaps, and avoid equipment failures that result in maintenance-related downtime.

✓

Prevent disruptions

Automated, summarized insights based on change and historical data indicate repeat issues and identify remediation steps, allowing operators to make fast, smart decisions that keep production lines running.

✓

Reduce regulatory risk

Prevent quality issues and delays with operational and ITSM analytics that identify problems early and opportunities to improve.

Get started with BigPanda AIOps for Manufacturing.

bigpanda.io

AIOps for Manufacturing

Build operational resilience, optimize costs, and keep production lines running

Many large manufacturers have decentralized ITOps and incident management. There are teams managing plant and warehouse systems and local equipment, and a centralized NOC managing all core IT infrastructure. Connecting those two in IT/OT convergence is a complex process that impacts efficiency, downtime, and costs.

$ **Significant operational costs:**

Labor intensive, manual workflows required to support fragmented IT/OT and legacy systems drive up resolution timelines and costs, including expensive overtime payouts for employees.

⚙ **Reactive maintenance:**

Time is money on the production line. Any downtime, planned or unscheduled, impacts output and revenue. Maintenance required to restore service or fix issues is extremely costly, time-consuming, and inefficient.

📈 **Revenue impact:**

High rates of unplanned downtime on production lines can lead to significant financial losses, affecting production schedules and customer satisfaction.

How BigPanda can help

BigPanda AIOps streamlines operational data and processes to minimize plant disruptions, leading to improved profitability and customer satisfaction.

Improve manufacturing productivity by providing unified visibility across legacy and modern IT and OT systems. This comprehensive view enables teams to quickly detect, triage, and resolve issues before they impact production.

By correlating data from disparate sources, adding critical context, and automating workflows, BigPanda empowers teams with comprehensive situational awareness to triage, investigate, and remediate faster. The ability to identify and address potential problems before they escalate minimizes downtime and optimizes resource allocation, further enhancing cost savings.

With AIOps, manufacturers can improve their customer experience and ensure reliable, consistent operations that deliver quality products. With performance monitoring and analytics across IT and OT systems, teams can identify potential issues before they develop into full-blown outages, preventing disruptions to production and shipping.

	Open Integration Hub	Advanced Event Correlation	AI-powered Incident Management
Challenge	Manufacturing facilities rely on multiple monitoring tools, APIs, mainframes, and more, across IT and OT, creating integration hurdles that impede the flow of insights and timely incident response.	Significant alert fatigue from excessive false positives, manual correlation, and low-priority alerts leads to overwhelmed staff unable to prioritize critical incidents effectively.	Identifying and resolving the root cause of operational failures can be time-consuming and complicated due to the array of interconnected and third-party systems, often resulting in prolonged downtime and missed production targets.
Business value	BigPanda offers seamless integrations with legacy and modern infrastructure and applications, allowing manufacturers to integrate IT and OT systems seamlessly.	With correlation across IT and OT infrastructure and systems, ITOps and Incident Management teams can identify dependencies and quickly obtain the context they need to triage and investigate.	Accelerate accurate assignment and reduce resolution times with automated, summarized insights on change and historical incident data, cutting critical minutes from the incident management lifecycle to lower MTTR and recover valuable FTE hours.

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"As we scale and grow the business, it's integral for us to bring in automation and integration with other tools and technologies. My recommendation is, don't wait to start your AIOps journey once you are overwhelmed with alerts. Start early to get a single pane of glass to understand which monitoring tools you really need."

Sanjay Chandra
Vice President of Information Technology
Lucid Motors

PlayStation.

"With BigPanda, our IT noise is not only reduced, but we are able to identify root cause in real-time- who the responsible team is, who owns the service that's alerting, etc. which is significantly reducing our MTTR."

Priscilliano Flores
Staff Software Systems Engineer
Sony Interactive Entertainment