



IntelliPact for Automotive by Black Box

The AI-Driven Executive OS for Enterprise Visibility and Action

Driving Measurable Transformation across the Automotive Value Chain

Automotive transformation demands intelligence across design, manufacturing, and post-sale experience. IntelliPact™ by Black Box seamlessly integrates MES, PLM, connected vehicle telemetry, and CX data into a single source of operational truth, — aligning performance and quality metrics directly to business outcomes. This continuous intelligence enables faster innovation cycles, improved uptime, and superior driver satisfaction.

The IntelliPact layer unifies supply chain, production, and after-sales data to executive KPIs such as production efficiency, recall reduction, and brand loyalty, driving accountability across every stage of the value chain.

From Insight to Action

	Strategic Need	How IntelliPact™ Delivers
01	Reduce recall risk	Correlates field sensor data and defect reports with manufacturing conditions to identify root causes early.
02	Improve production throughput	Analyzes MES and logistics data to eliminate downtime and synchronize global supply chains.
03	Enhance customer experience	Monitors connected car and service center interactions to predict and improve satisfaction.
04	Accelerate innovation cycles	Connects R&D and quality feedback loops through data-driven insights for design optimization.

Core Benefits



Up to 25% reduction in production downtime through predictive analytics



Enhanced quality intelligence across suppliers and plants



Automated defect correlation and root cause analysis for early intervention



Accelerated launch cycles through unified, cross-functional data insights



Strengthened brand trust through proactive issue resolution and customer engagement

Why Now

The automotive industry is navigating electrification, autonomy, and supply volatility. IntelliPact provides the unified intelligence layer needed to transform from reactive operations to proactive, connected innovation.

The Power Behind IntelliPact

Black Box powers IntelliPact with enterprise observability, integration expertise, and proven delivery excellence. Together, these capabilities align engineering, production, and customer experience into a single, measurable performance engine, enabling automotive enterprises to turn intelligence into enduring business value.

Black Box® is the connect-anything, optimize-everything partner. With over 45 years of experience, we deliver comprehensive solutions & services across data center builds, network architecture, connectivity, modern workplaces, cybersecurity, control rooms, and operations support — all designed to prepare clients for whatever future they envision. Our human-centered expertise and strategic approach enables us to help enterprises across finance, healthcare, transportation, and manufacturing transform technological possibility into operational reality.

