

HCLSoftware

HCL iControl

Business Flow Observability Solution
for Manufacturing



HCL iControl

Understanding the Manufacturing Industry Trends

Manufacturing has long been a cornerstone of the modern economy. With advances in technology and use of robotics, manufacturing industry is growing so rapidly that the shift is being called the next industrial revolution. New factories are more likely to be smaller and more automated, with technology that enables them to change product lines more quickly as the demand shifts. Also the use of IoT, automation, and robotics that utilizes deep learning is rolling out in manufacturing warehouses everywhere.

In today's reality, manufacturing industry continues to face a staggering list of challenges such as increased demand variability, supplier localization and volatility, increasing raw material costs, capacity constraints, inventory proliferation, and consumer drive for improved speed quality. These combined with globalization, customer demand for a better experience, EHS (Environment, Health, and Safety), regulatory priorities, and accelerated use of new technologies in products are some of the key drivers to the industry's transformation. All the above challenges can be eliminated through their root causes once mapped to respective critical business KPIs projected over a business flow and its process.

For manufacturers, the current siloed monitoring of each process has become ineffective for decision making and observing business outcomes. All the disruptions need a harmonized process control mechanism to optimize the business operations from Shop floor to Top floor. To cater to this, Enterprises require a holistic view of critical data and business processes across organizational boundaries to minimize operational costs, maximize revenue, pre-emptively identify and mitigate potential risks, and improve time-to-market.



Transforming Business Process Intelligence for Manufacturing Industry

Our Vision – To empower our clients with seamless integration between their business processes and IT operations.

HCL iControl premium Splunk app revolutionizes business process observability and intelligence, offering unparalleled insight into end-to-end business processes. By seamlessly integrating data from diverse sources, its business rules engine facilitates real-time visibility into crucial controls, empowering data-driven decision-making.

With seamless data integration from disparate sources and monitoring tools such as App D. This provides a unified platform for visibility and management across your entire application ecosystem.



Experience revolutionary process mapping with GenAI Business Process Engine – combining generative AI and business process knowledge models for precise flows, identifies KPIs, optimizing operations.

HCL iControl leverages next-gen observability and industry process intelligence for manufacturing. It regulates business processes with IT data, enabling improved decision-making across functions like Order to Cash, Plan to Produce, and more. Offering actionable insights, it predicts, prevents, and corrects potential issues.

With industry expertise, iControl provides end-to-end visibility and insights for risk forecasting. Backed by HCLSoftware's experience, it empowers informed decisions, process optimization, and operational efficiency, enhancing competitiveness and agility.



Key Industry Challenges



High DSO and Target Cash Flow



High number of errors/revisions in order processing



High procurement processing cycle time



Lack of inventory control



Longer forecasting horizons (Signal Vs Noise)



Inaccurate leading indicators for long lead time products



Volatile demand forecasting



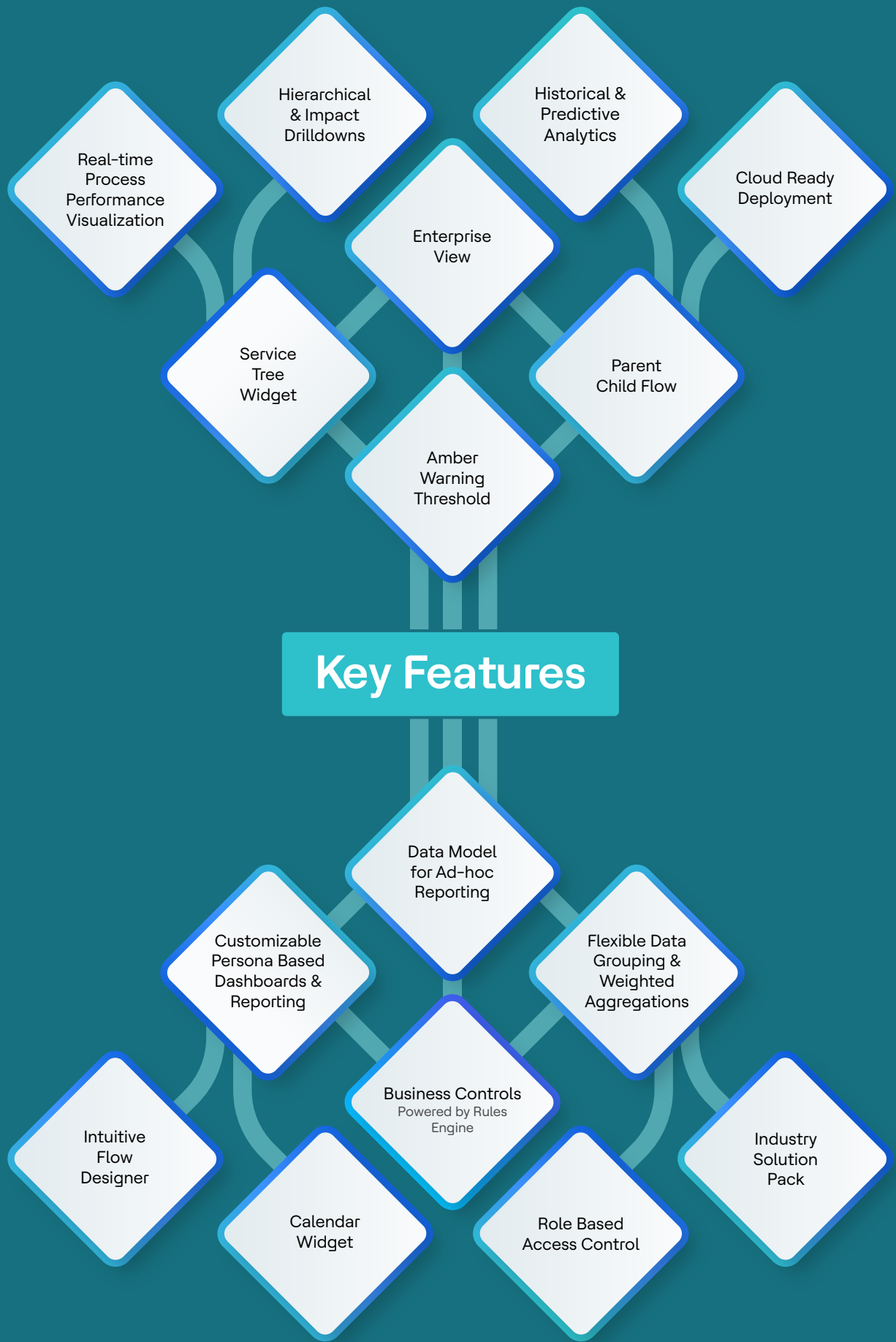
Lack of visibility and high cost for invoice



Large number of unplanned outages and maintenance activities



Unoptimized service parts forecasting accuracy



Now available on



splunk>cloud

splunk>enterprise

Key Benefits

	Service process optimization	
	Optimized pricing and terms management	
	Recalibrate indicators driving volume, timing and supplier constraints	
	Accurate planning and forecasting based on granular data	
	Faster procurement lead times	
	Rapid response framework for unplanned outages	
	Better safety-stock management and tracking of product inventory at global level	
	Optimized and synchronized schedules	
	Reduction in process cycle time by identifying choke points due to multi-level approval process	
	Reduction in master data errors and revisions	
	Efficient customer credit management and invoice processing	



Typical Industry Use Cases

Order Processing and Logistics Shortcomings



When Operations need to know order & shipment issues

iControl observes

- Error in order creation
- Order fulfilment days
- Map of affected business areas
- Errors & delays in ASN notifications

Resilient Planning and Strategic Sourcing



When Business needs to have accurate planning insights

iControl traces

- # Planning accuracy
- # Planning Cycle time
- # Raw materials below safety stock
- # Stock turnover duration
- # Operating capacity of workstations

Plant Operations Excellence



When Plant Operations need to know the uptime of equipment

iControl displays

- Asset availability
- Availability of spare parts
- Resource allocation error
- % attainment of weekly maintenance schedule
- % of Unplanned outages

Payment Errors Require Manual intervention



When payments are in error status

iControl presents

- Payments in fatal status
- Payment breaches
- Process stage drilldowns
- Transaction details
- 3 way match errors
- Map of affected business areas

About HCLSoftware

HCLSoftware develops, markets, sells, and supports product families in the areas of Digital Transformation, Data, Analytics & Insights, AI & Automation and Enterprise Security platforms. HCLSoftware is the cloud-native solution factory for enterprise software and powers millions of apps at more than 20,000 organizations, including more than half of the Fortune 1000 and Global 2000 companies. HCLSoftware's mission is to drive ultimate customer success with its IT investments through relentless product innovation.

Want to know more?
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About HCLSoftware

HCLSoftware, the software business division of HCLTech, fuels the Digital+ economy by developing, marketing, selling and supporting solutions in four key areas: digital transformation; data and analytics; AI and intelligent automation and enterprise security. HCLSoftware drives customer success through relentless product innovation for more than 20,000 organizations, including a majority of the Fortune 100 and almost half of the Fortune 500.