

HCL

HCL Plant WorkBlaze

An industry-focused joint solution by
Digital Workplace Services and IoT WoRKS™



Steering digital manufacturing journey to the next level

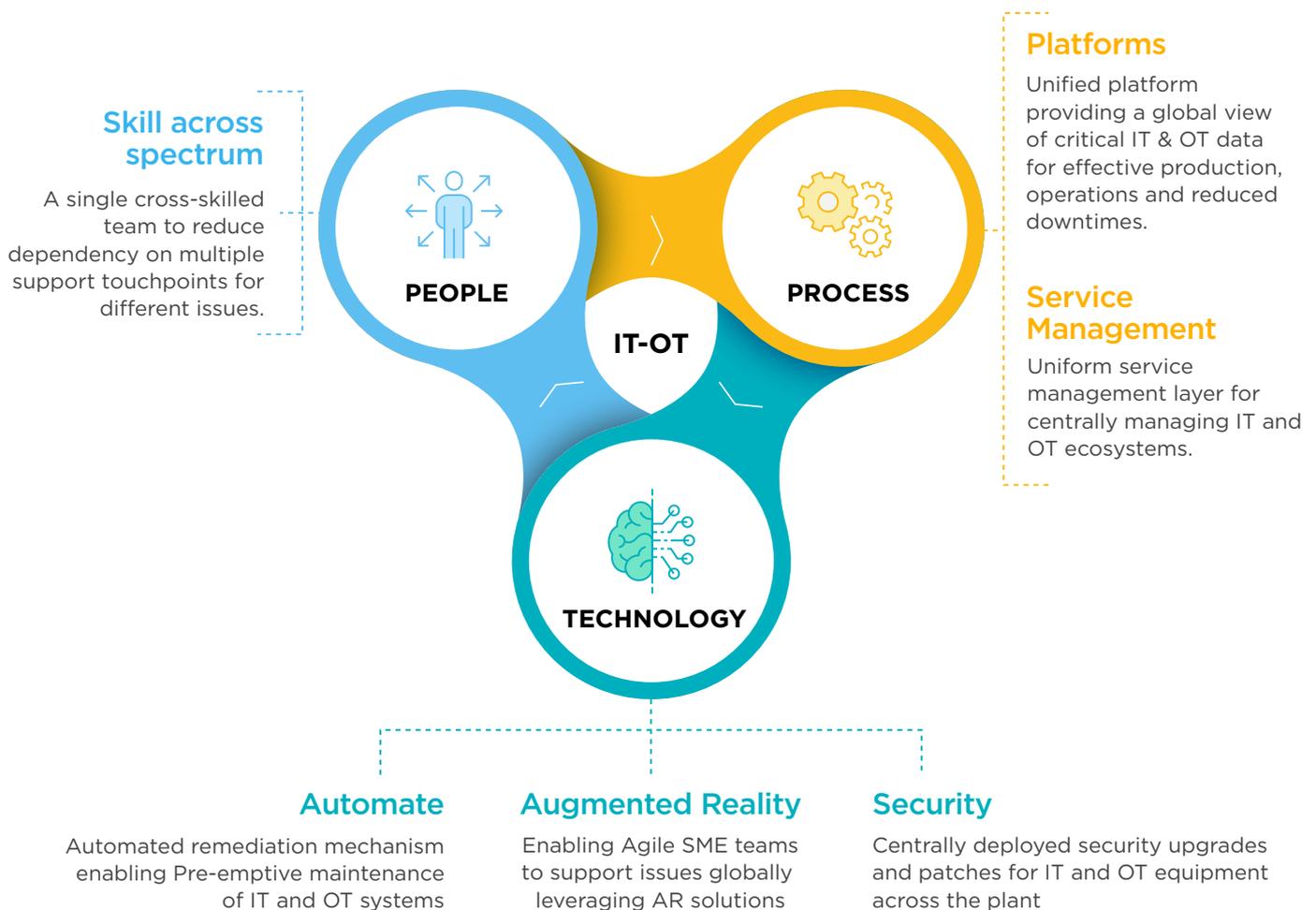
About the Solution

Since the beginning of **industrial manufacturing, IT and OT** have historically existed separately in silos. With the emergence of the Industrial Internet of Things (IIoT) and Industry 4.0, the manufacturing sector has recognized the benefits of IT/OT convergence such as increased performance, improved productivity, reduced costs and increased agility.

The manufacturing industry invests in key technologies that combine business insights with operational insights to make informed decisions in the organization. However, lack of industry standards and disparate development of IT and OT technologies has led to a gap that organizations need to bridge to enable digital transformation and move swiftly towards Industry 4.0.

HCL Plant WorkBlaze is an industry driven solution for IT-OT convergence which brings together the right people, processes and technology to create a seamless, secure and efficient Industrial environment. Plant WorkBlaze is an AI driven framework, which provides a unified view of organization wide operations helping customers with insights which can help make production systems agile to meet the market demand spikes, forecast sales, reduce downtimes and pre-emptive maintenance of production systems.

Key Enablers for successful IT-OT convergence



Key Components



Persona-led profiling:

Persona-based approach helps to identify the right personas and ensure that end-users have the right resources at their disposal. Thus, creating a modern and personalized workplace that improves both business productivity and user satisfaction



Pre-emptive Maintenance: Proactively resolve the issues, preventing breakdowns and downtimes in the production environment by leveraging the real-time and historical data to predict issues



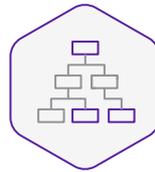
Augmented Reality: Automated on-site assistance using AR to support technicians seamlessly in ad-hoc maintenance activities, capture work instructions and training.



Security: Proactively monitor and report any issues with the device's compliance posture to the right teams for timely resolution while ensuring the security of the entire ecosystem



Field Services: Global network for Field Support services ensuring swift engagement of support engineers and quicker resolution



Unified Endpoint Management: Unified management of all devices across the plant and the enterprise to provide a holistic and real-time view of operations

Business Benefits



Reduced Costs

Efficiently pooled IT and OT systems and process standardizations help organizations save on operations costs.



Higher Performance

Increased output rates through predictive maintenance and optimized processes.



Enhanced Productivity

Digital industrial facilities help provide improved availability and operational flexibility.



Greater Visibility

Effective end-to-end governance and operations steering ensures transparent and traceable operations.



Security

Centrally managed security posture ensures that the entire IT-OT ecosystem is brought under a strict security management framework.



Service Orchestration

Well defined SLAs for IT and OT issue resolution, ensuring steady production planning and consistent service delivery by different vendors.



To know more about our Digital Workplace offerings,
please reach us at dwp@hcl.com

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HCL Technologies (HCL) empowers global enterprises with technology for the next decade today. HCL's Mode 1-2-3 strategy, through its deep-domain industry expertise, customer-centricity and entrepreneurial culture of ideapreneurship™ enables businesses to transform into next-gen enterprises.

HCL offers its services and products through three lines of business - IT and Business Services (ITBS), Engineering and R&D Services (ERS), and Products & Platforms (P&P). ITBS enables global enterprises to transform their businesses through offerings in areas of Applications, Infrastructure, Digital Process Operations, and next generation digital transformation solutions. ERS offers engineering services and solutions in all aspects of product development and platform engineering while under P&P. HCL provides modernized software products to global clients for their technology and industry specific requirements. Through its cutting-edge co-innovation labs, global delivery capabilities, and broad global network, HCL delivers holistic services in various industry verticals, categorized under Financial Services, Manufacturing, Technology & Services, Telecom & Media, Retail & CPG, Life Sciences, and Healthcare and Public Services.



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