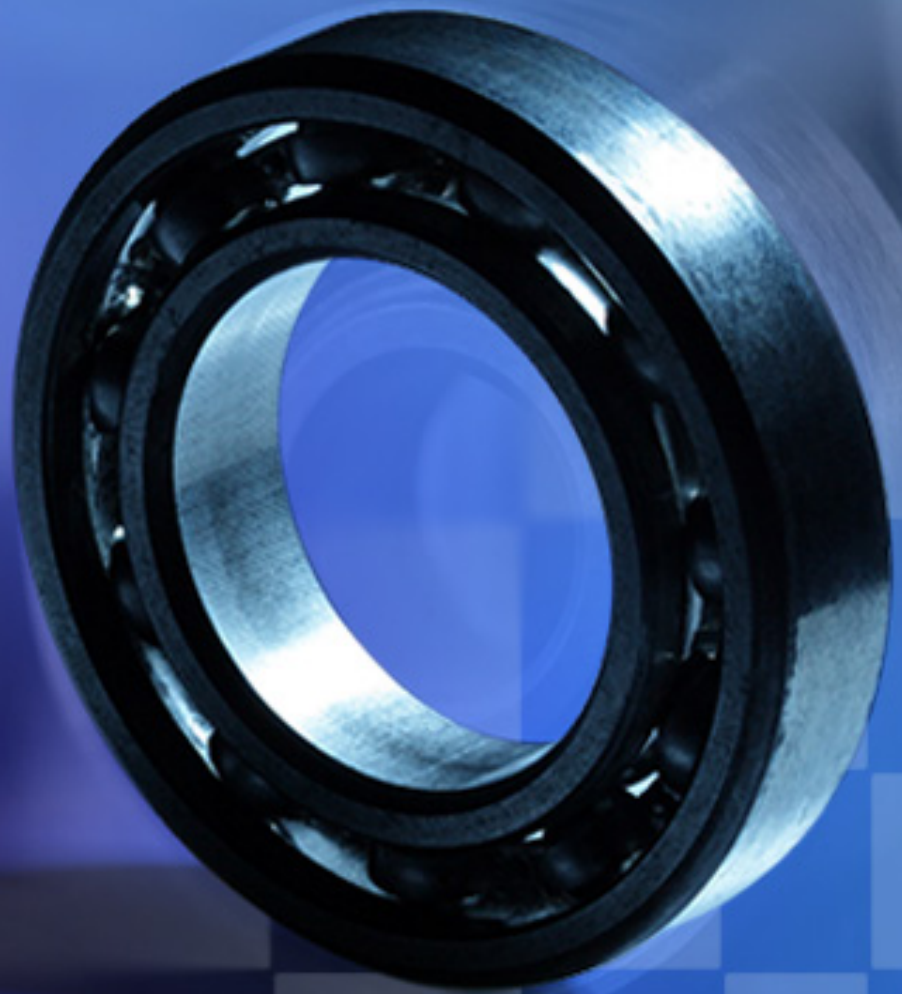


Enhancing the industrial **IT-OT** posture

of a leading auto-bearing
manufacturer



The client is a leading automotive bearing and seal manufacturer, with 17,000+ distribution sites, 100+ manufacturing units and 44,000+ employees across 125+ countries.

The Challenge

The automotive tier-1 major needed to centrally monitor its industrial IT network across its factories globally. The devices included industrial network switches and firewalls which controlled PLCs of the manufacturing equipment in the shopfloor.

The company also needed its industrial IT security architecture to be resilient and vigilant against existing and emerging threats. Like most manufacturing organizations, it had legacy equipment that needed to be monitored. Lastly, they had the challenge of duplicate IPs and VLAN in shopfloor industrial IT network.

The Solution

To strengthen its pan-enterprise security and infrastructure, the client needed a technology partner with proven expertise in industrial IT managed services. As a consultant to 7 of the top 10 global automotive companies, HCLTech became its first choice to cater to its industrial IT-OT requirements.

After onboarding, HCLTech performed an exhaustive study on the client's existing

industrial IT infrastructure and implemented a central monitoring solution across multiple factories globally. Digital Manufacturing Operations Command Center (DMOC), a future state-focused model for smart factories, based on Industry 4.0, was set up to provide unified remote support operations center for the converged IT and OT operational requirement for 120 factories across the world. This model provided the following functionalities:

Unified real-time visibility of all industrial IT assets with a common dashboard for event monitoring and correlation from the central operations command center

Improved user access control and management

End-to-end industrial IT security implementation to monitor and maintain mandatory/optional services to choose from

Stopwatch-based SLAs for a quick resolution of critical incidents in shopfloor, extended network segmentation, response and recovery capabilities

Globally managed industrial IT services with local languages support and comprehensive security and threat management solution

On-demand IPAM (IP address management) tools, Device as a Service for hardware and spare management





The Impact

HCLTech's deep domain expertise and tailor-made solutions not only addressed the client's challenges but also enabled it to build a future-facing posture. The major benefits included:

Reduction in downtime with
real-time monitoring
of industrial IT-OT assets and quicker
resolution to critical incidents

Watertight IT-OT protection with an
**end-to-end
cybersecurity** solution
scaled across multiple factories globally

Significant productivity gains by leveraging
**cutting-edge
technology** in line
with business objectives

Wider Industry 4.0 enablement
with the **integration**
of industrial IT-OT operations