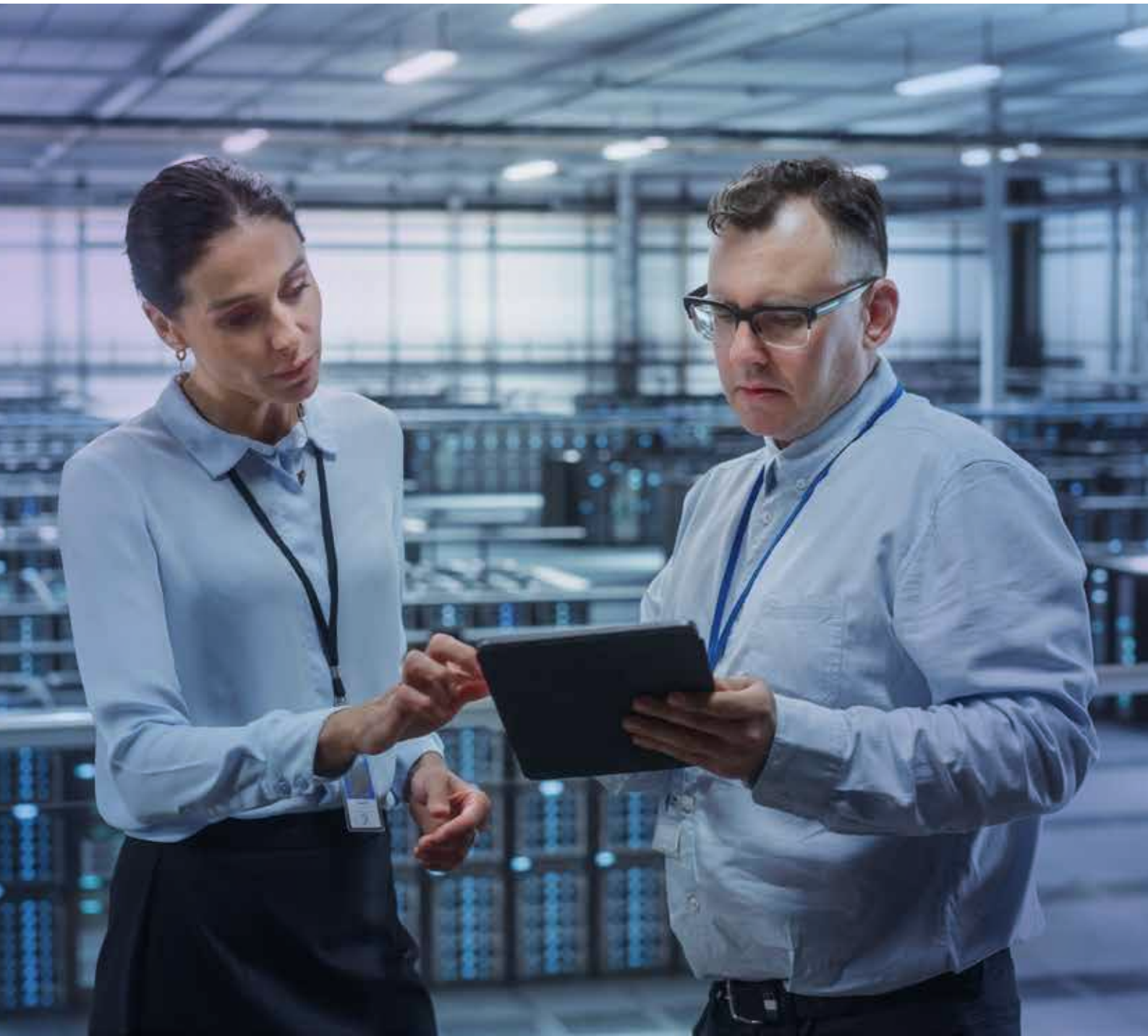# HCLTech

Supercharging Progress™

HCLTech's 360° SecureOT: Evolve into a future-ready enterprise

As global organizations and institutions continue to accelerate their digital transformation the commensurate threats continue to rise. The expansion of operational technology (OT) has in fact accelerated with the rise of Internet of Things (IoT) and Industrial Control Systems (ICS) and created an exponentially growing threat landscape. This in turn has led to a rise in numerous security measures such as perimeter controls, threat intelligence, and behavioral monitoring. But leveraging technology solutions alone is not enough. Today, businesses need to deploy a programmatic approach to OT/ICS security that leverages an array of solutions which work in synergy across operational processes and people within the organization. Business and technology leaders need to aim towards a 360° security framework if they wish to rapidly mature their OT/ICS security posture, so it is at par with their IT security.

Business challenges

Despite tailwinds from declining cost of cloud computing and improvements in IIoT/ICS platform usage and management, few enterprises have scaled up their OT security in a way that achieves significant operational or financial benefits. In most cases, it is a combination of organizational and technical challenges that are usually to blame.

On the technical side, many organizations are still dealing with problems of how to deal with heterogeneous systems and application landscapes; how to determine which functions should be supported by which applications and technical systems; and where those systems need to be deployed. On the organizational side, companies often fail to modify business processes or optimize OT solutions to enable broader application, leaving significant value on the table.

To overcome these challenges, it is crucial for business and technology strategy to be well aligned and integrated. It also needs be accompanied by a shift in the people and processes so businesses can capture the full potential of their OT–IT convergence. It is not simply an IT or OT initiative but rather an organization-wide effort - both at the business unit and enterprise level.

Business Challenges

08 Lack of resilience planning that limits response and recovery from natural or manmade (cyber) disruption.

07 Lack of comprehensive cybersecurity training and awareness program to help reduce human-led errors and policy violations.

06 Limited or dis-integrated security threat monitoring and incident response capabilities (SOC) and a lack of response preparedness.

05 Lack of cybersecurity governance, security policies risk (including third party) management, resilience planning, and cybersecurity strategy.

01 Un-documented/un-managed attack surface that includes environment inventory, patch management, along with asset threat and vulnerability.

02 Poor identity and access management practices, lack of non-repudiation, ineffective password policies and privilege controls, and insufficient remote access measures.

03 System hardening and application inventory controls, including a lack of virus/malware protection, removable media security, and encryption.

04 Flat networks with minimal or no segmentation of traffic movement within network or to the internet.

HCLTech Security of Things – HCLTech's 360° SecureOT

With an ever-evolving threat landscape it is necessary to assess the current state and define an adaptive and evolving security posture for your organization.

HCLTech's 360° SecureOT is a dynamic and evolving OT/IIoT cybersecurity program that helps organizations assess, strategize, define, design, and manage their OT landscape based on various industry accepted cybersecurity guidelines and standards such as,

SANS CSC, NIST SP 800-82, ISA 95, and IEC 62443. It leverages an array of holistic solutions and services addressing the four dimensions of an industry namely – assets, people, technology, and process/compliance.

The 360° SecureOT advantage

In-depth visibility
A robust security architecture to enable the passive and autonomous monitoring of all connected systems and data flow in real time.

Regulatory controls adherence / Controls effectiveness
Helps organizations design and implement cybersecurity solutions that adhere to industry standards and regulatory compliances such as ISA/IEC 62443, NIST, and NERC CIP via experienced OT cybersecurity SMEs.

Effortless and successful adoptability
Plan and deploy cybersecurity solutions with least downtime to ensure a successful adoptability through awareness programs.

Seasoned OT SMEs
A seasoned team of cybersecurity architects and technical experts with core OT experience that are available globally and across industry verticals.

Vast threat intelligence / threat Intel solutions
Managing OT Security Services (MSSP) for customers enables visibility and access to the latest threat vectors across global locations and industrial environments. It ensures mature in-house threat hunting teams that deliver a significant impact on the security posture of the organization.

Matured partner and alliance system
HCLTech's 360° SecureOT with its matured partner ecosystem integrates both OT automation and OT cybersecurity OEMs, including global service partners across 100+ countries for a "Hands and Feet" support.

Why HCLTech?

HCLTech possess the OT security expertise, proven capabilities in strategy and governance, as well as the in-depth experience in cybersecurity transformations. As a managed services provider, we know what it takes to align enterprise teams – from systems engineers to CISO or CIO – and deliver business-aligned security outcomes.

As IIoT/ICS applications emerge, mature, and change with time, our dynamic cybersecurity services and solutions will ensure that your ability to conduct business successfully remains unaffected.

200+ OT security SMEs and consultants

1000+ successfully executed OT security projects

350+ IIoT/ICS security SMEs, architects, consultants, and engineers

10000+ FSOs/IT and 800+ SMEs for global scale and cross-sector maturity

360° SecureOT which integrates various security frameworks and tools

Dedicated OT security lab built on a matured partner and alliance ecosystem

HCLTech | Supercharging Progress™

hcltech.com

HCLTech is a global technology company, home to 211,000+ people across 52 countries, delivering industry-leading capabilities centered around Digital, Engineering and Cloud powered by a broad portfolio of technology services and software. The company generated consolidated revenues of $11.79 billion over the 12 months ended June 30, 2022. To learn how we can supercharge progress for you, visit hcltech.com.