

# Zero Trust Secure Remote Access to OT/ICS at a Glance

## Zscaler Zero Trust Secure Remote Access Benefits:

- ✓ **Reduces cost and complexity**
- ✓ **Improve plant uptime and safety**
- ✓ **Eliminates the attack surface and lateral movement**
- ✓ **Globally available & immediately scalable**
- ✓ **Natively embedded for immediate set-up**

The cloud and mobility are empowering digital transformation – all to make business more agile and competitive. At the same time, users are increasingly remote, working on any device in any location. Plant operations and OT system owners need a capability to execute outcomes with a workforce now located anywhere.

Predictive maintenance and remote diagnostics that improve plant uptime requires secure remote connectivity. VPN-based solutions connecting employees and third-parties to OT environments introduce significant security risk and complexity. Unplanned downtime from cyber security incidents or network outages can cause serious harm to plants and personnel, and result in revenue loss or reputational impact. As a result, security and resiliency to provide maximum uptime to OT and ICS environments is key.

Today, businesses have the opportunity to increase productivity and uptime by picking Zero Trust-based remote access solutions that ensure ease of access anywhere in the world, all while eliminating the attack surface and significantly reducing the risk of a cyberattack.

With Zscaler Secure Remote Access, employees can now access, monitor and manage OT technology from any location. The Zero Trust for OT® approach achieves the OT-IT convergence by providing an effective ‘air-gap’ against cyber threats by only allowing specific application access for users and devices without bringing them on to the network.



# Zero Trust Secure Remote Access Key Capabilities



## Secure work-from-anywhere

Employees can safely and seamlessly work on OT environments from anywhere, without having to worry about VPNs.



## Multiple deployment methods

Docker-based, VM, hardware form factors, Intel & Arm-based architectures.



## Scalability via cloud-delivery

150+ points of presence worldwide ensure connectivity anywhere, rapid service with low latency.



## Improve Uptime

No need downtime due to about network outages.



## Seamless access for third-parties & OEMs

Safer and easier access for your third-parties & OEM vendors to manage, monitor & repair OT and IIoT assets via browser-based access.



## Continuous operations

Works continuously even over intermittent connectivity such as high-latency, low-throughput links.



## Reduced cost & no continuous configuration requirements

Outbound port configured once: no IT reconfiguration with firewalls or other tools required.



## Prevent cyberthreats

Zero trust architecture removes VPN/firewall vulnerabilities, prevents lateral movement and shrinks the attack surface.

