OTORIO

remOT
Secured Remote OT Access Solution

A secured by design, governance solution providing a safe, single-point-of-entry for your production environment

Solving Industrial Network Access

The need for remote access in operational technology (OT) and industrial environments has solved numerous operational challenges, enabling organizations to efficiently manage and monitor critical systems, conduct diagnostics, perform maintenance, and make real-time decisions without requiring on-site presence. However, alongside these benefits, the integration of remote access has introduced a new realm of complex cybersecurity and physical security challenges that must be effectively addressed to safeguard sensitive operational assets and maintain the resilience of OT systems.

As a clientless solution with no agents, no VPN, and no Jump Server, OTORIO's remOT secure OT access solution simplifies connectivity to assets for third-party vendors, service providers, and internal users, without compromising on safety. It scales seamlessly to the needs of your organization while maintaining OT network segmentation between sites, with a low total cost of ownership (TCO).

With remOT zero-trust approach, access is governed using separated, multi-tenant cloud account management and is given only to authorized employees, and authorized third-parties to specific assets, according to the needs of OT networks. remOT delivers full visibility of any secure, remote access.

> OTORIO's remOT, an advanced secure remote access management platform, offers enhanced governance capabilities within a robust and secure solution. This ensures a secure and transparent single point of entry to the OT environment.

Zero-trust remote access to the operational environment

- Zero trust architecture providing secure access for internal and third-party users
- Seamless remote access to specific assets in target sites from the web browser with no agents, no VPN, and no jump server
- Single-sign-on controlled access

- Audit of every user and administrator action
- Secure-by-design with full TLS communication, credentials and asset protection, protocol, and session isolation
- Separated multi-tenant cloud account management

- Secure and easy-to-use file transfer
- Full governance and monitoring with live over the shoulder monitoring, session recordings and session termination
- Scales easily with low TCO

remOT Solution

Secure by Design
remOT advanced remote access solution designed by OTORIO's operational security experts with OT networks in mind.

Minimizing Exposure
remOT enables organizations to minimize exposure to cyber threats and their business impact with zero risk access management to the production floors.

Easy to Use
A clientless web application enables remote and easy access from anywhere 24/7 to both operational teams and third party vendors utilizing remOT's cloud service.

No IT Overhead
remOT provides scalable central management of cloud-based access. It requires no VPN, clients, or changes to your network architecture or firewall configurations.
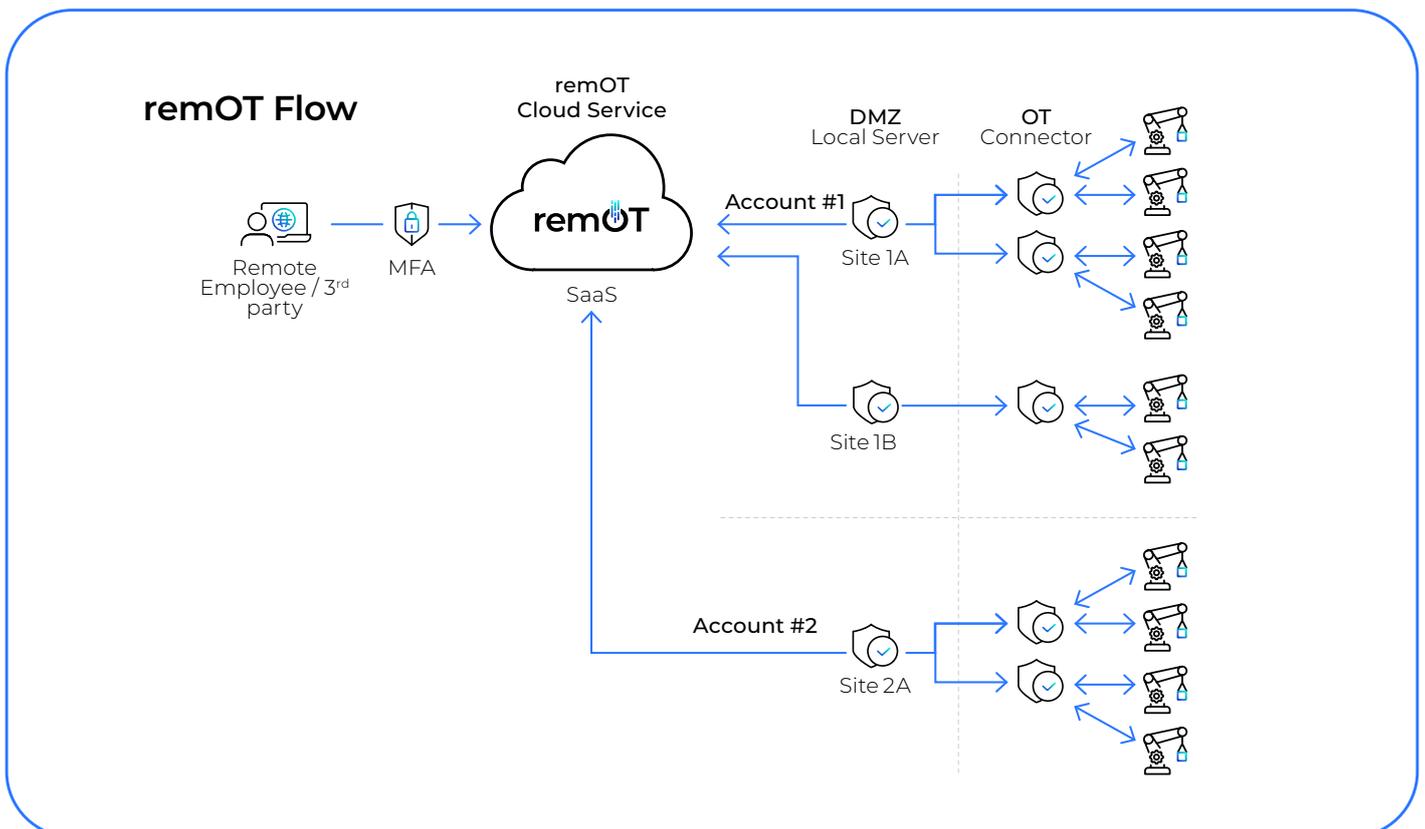
Ease of Access
To both operational teams and third party vendors utilizing remOT's cloud service to manage, monitor and establish secure remote access to assets.

Full Governance
Gain complete visibility and control of every activity originating from a remote connection; who is doing what and when and including

remOT Flow

remOT
Cloud Service

DMZ
Local Server

OT
Connector

Account #1

Remote
Employee / 3ʳᵈ
party

MFA

remOT

SaaS

Site 1A

Site 1B

Account #2

Site 2A

remOT Use Cases

Operation managers

- Provide a secure, single-point-of-entry to the OT network for employees and third-party support and maintenance staff.
- Limit access of third-parties and vendors to specific assets in the OT Network (e.g., PLCs, HMIs).
- Monitor and control remote sessions in real-time and immediately terminate sessions that indicate suspicious activities.
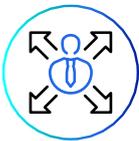
Service providers

- Remotely connect to multiple customer sites without compromising security, safety, or operational integrity.
- Employ a unified central management system to reduce the complexity and cost of managing different remote access solutions.
- Easily provide access to multiple vendors and organizations to ensure operational continuity.

Automation vendors

- Provide secure support and maintenance to multiple customers easily and with full transparency.

Key Featuress

- Secure & seamless remote access from anywhere to OT networks
- Role-based access
- Multi factor authentication
- Central management portal and dashboard
- Remote session live monitoring, recording & termination
- Record and log every connection for auditing
- Secure file transfer
- Credential Injection with password vault tools
- Enhance threat modeling and threat hunting by integrating with OTORIO's RAM[2]

About OTORIO

OTORIO has pioneered an industrial-native OT security platform that enables its customers to achieve an integrated, holistic security strategy for industrial control systems (ICS) and cyber-physical systems (CPS).

Together with its partners, OTORIO empowers operational security practitioners to proactively manage cyber risks and ensure resilient operations. The company's platform provides automated and consolidated visibility of the entire operational network, enabling companies to take control of their security posture, eliminate critical risks, and deliver immediate business value across the organization.

OTORIO's global team combines the extensive mission-critical experience of top nation-state cyber security experts with deep operational and industrial domain expertise.

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