



OT-ACCESS

SECURE MANAGED REMOTE ACCESS FOR IIOT

Operations Technology (OT) teams need to provide employees, trusted third parties, and technicians secure remote access to on-site systems for OT installations, monitoring, and maintenance.

Too often, they end up provisioning VPNs, requiring users to install client software, and creating new challenges in user authentication, password management, and version control. They lack a centralized, comprehensive solution for remote user access that would provide rigorous security, ease-of-use, and logging and auditing for compliance due to the cost, complexity, and traditional VPNs.

ioTium OT-Access is a managed service providing secure, audited remote user access to mission-critical control systems and networks. Available as part of the ioTium platform – OT-Access is an agentless solution that covers all aspects of secure remote access, including network planning, commissioning, 24x7 real-time monitoring, and auditing.

OT-Access is powered by ioTium's platform, the industry's first software-defined converged infrastructure for the Industrial Internet of Things (IIoT). The solution includes an iNode at the Edge that supports rapid commissioning across locations and eliminates the need for expensive additional IT staff and network engineering.

SECURE REMOTE ACCESS MADE EASY

Site administrators face three challenges for granting secure remote access to staff, technicians and vendors. OT-Access addresses all three challenges:

- **Cost**
Administrators typically invest time and money in setting up VPNs, commissioning hardware and software, and managing accounts. OT-Access eliminates the need for VPN hardware and software and reduces IT labor expenses.
- **Complexity**
Administrators need to manage accounts for users from different organizations with different access needs. OT-Access brings consistency, visibility, and ease-of-use to managing all types of remote access.
- **Security**
Lost or stolen passwords, exposed networks, old accounts that needs to be terminated but are still provisioned—the complexity of managing multiple VPNs and remote access systems creates security vulnerabilities for even the most careful enterprise. Straightforward, comprehensive, and secure, OT-Access and the ioTium platform protect networks and IIoT sites, keeping organizations safe from DDoS attacks, malware, and other security threats.

OT-Access addresses these challenges by offering an efficient, easily provisioned cloud service that securely connects authorized users to on-site networks while keeping administrators firmly in control.

Agentless Login without VPNs

OT-Access enables remote operators and vendors to connect securely to onsite control systems and other on-site network subsystems without downloading or installing software. OT-Access eliminates the need for commissioning VPN networks and endpoints and for managing VPN accounts and passwords.

Protection from the Public Internet

To shield vulnerable devices from exposure to threats such as malware and DDoS attacks on the public Internet, the OT-Access network keeps devices and on-site systems in an invisible private network. Vendors, technicians, and other remote users get fast, secure network access without jeopardizing the security of the IIoT network.

User Access Management in a Single Pane of Glass

OT-Access centralizes the monitoring and management of remote user access. Administrators get a user management infrastructure that allows them to grant and revoke access rights for specific users for access to specific sites. Instead of having to commission and manage VPNs, administrators can manage all user access through a central, secure cloud-based portal.

Integration with SSO and Directory Services

OT-Access supports integration with popular single-sign-on and user directory services, enabling organizations to leverage the user directory services they already have.

Uniform Secure User Access around the Globe

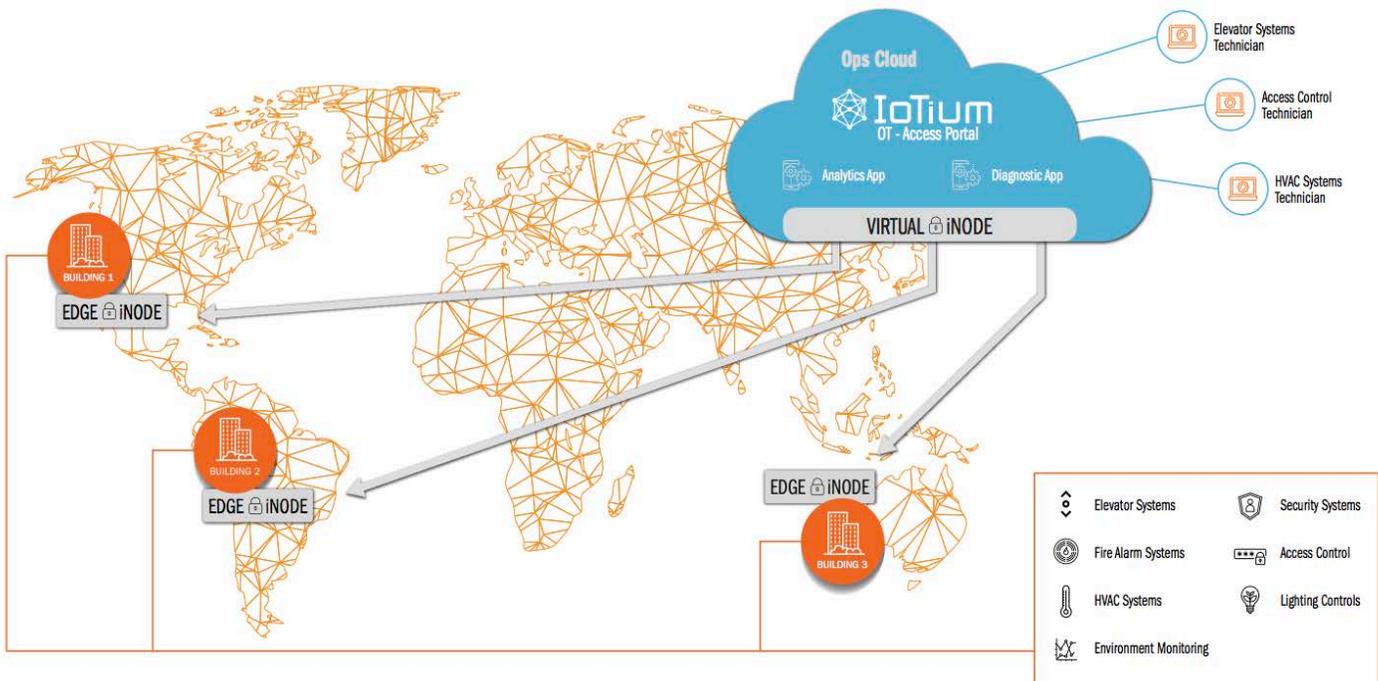
OT-Access enables multinational companies to provide a familiar, consistent experience for remote access for all sites around the world.

Continuous Monitoring and Audit Reporting

OT-Access provides 24/7 monitoring of all remote access to all sites. Administrators can monitor user activity, discover trends, and spot anomalous behavior right away. For security monitoring and compliance with SOC, ISO, and other regulations, OT-Access generates reports on user access and activities.

Zero-Touch Deployment

Once an ioTium iNode is installed on site and connected to a local network, ioTium configures and manages the OT-Access service. ioTium owns and manages all VPC elements and handles host provisioning and network provisioning. OT-Access helps administrators manage remote access more effectively while reducing administration workloads.



Corporate Office

3900 Freedom Circle, Suite 101
Santa Clara CA 95054 United States

Contact ioTium Today

info@iotium.io