View Remote Access

The commercial real estate industry is rapidly embracing smart building technologies. This proliferation of IoT devices has increased the risk exposure for buildings. 2020 saw a 150% increase in ransomware attacks[1], and 20% of those attacks were caused by compromised access credentials[2].

View Remote Access is a secure access portal that enables IT teams to reduce the cost and cybersecurity risks of maintaining smart buildings by providing vendors and technicians with secure, auditable, time-bound remote access to building networks and devices.

Key Benefits

- **Decrease costs** and increase system uptime by eliminating the need for on-site technician visits

- **Reduce cybersecurity risk** of malicious attacks and data loss

- **Improve visibility** into internal and third-party activity

View Remote Access reduced vendor costs by 75% for Kilroy Realty by eliminating the need for truck rolls
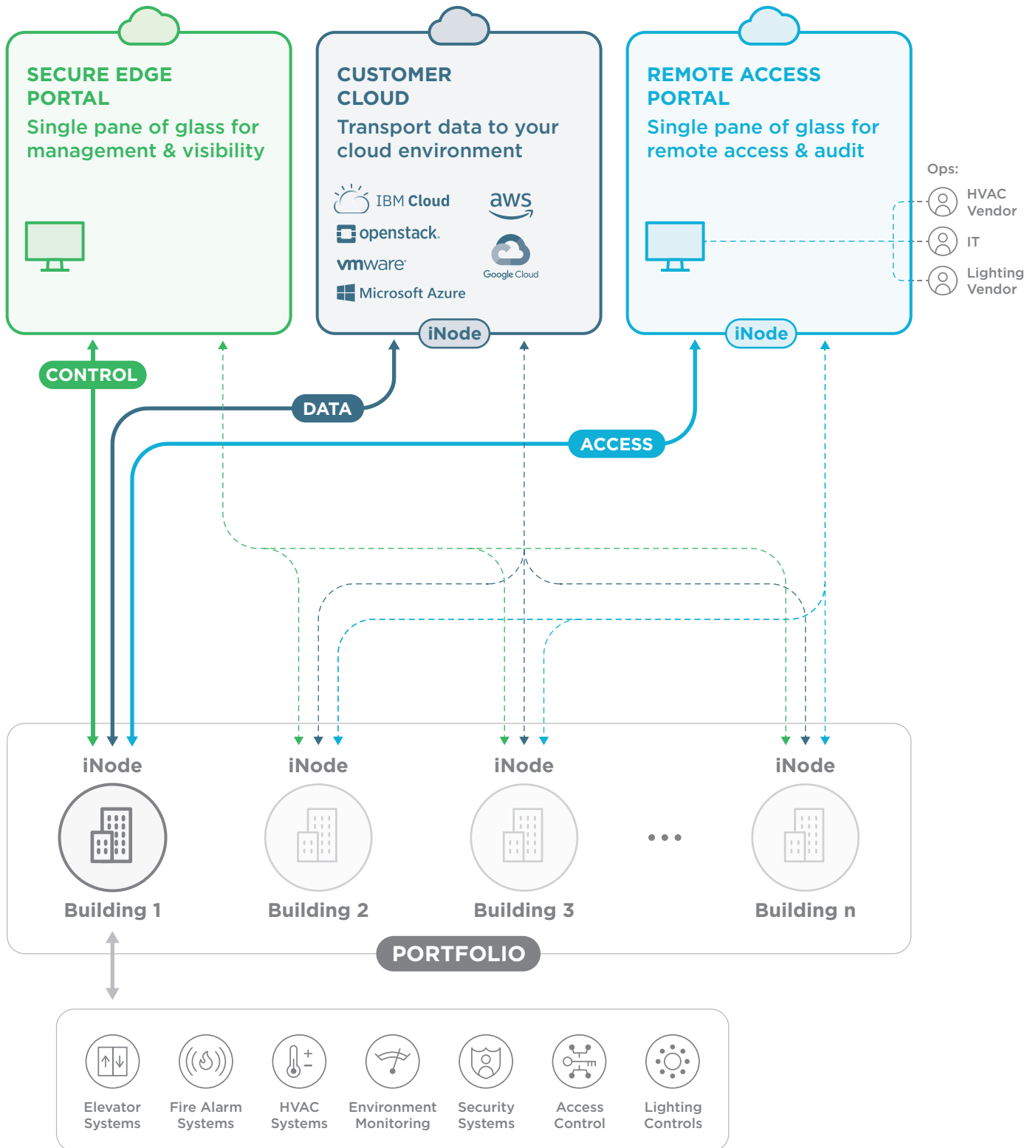
"We have deployed View Remote Access in over 100 buildings being served by hundreds of vendors and have been thrilled with the outcome. Our buildings are not only more secure and more unified than ever, but also far more cost-effective to manage. With View, we cut our vendor fees by 75% and realized more than a million dollars in annual operational cost savings."

KAHN NGUYEN
VICE PRESIDENT OF IT, KILROY REALTY

KILROY

1. The Hidden Costs of Cybercrime, McAfee
2. Cost of a Data Breach Report, IBM Security

Maximum visibility and control

SECURE EDGE PORTAL
Single pane of glass for management & visibility

CUSTOMER CLOUD
Transport data to your cloud environment

IBM **Cloud** aws
openstack
vmware Google Cloud
Microsoft Azure

iNode

REMOTE ACCESS PORTAL
Single pane of glass for remote access & audit

iNode

Ops:
HVAC Vendor
IT
Lighting Vendor

CONTROL

DATA

ACCESS

iNode
iNode
iNode
iNode

Building 1
Building 2
Building 3
• • •
Building n

PORTFOLIO

Elevator Systems
Fire Alarm Systems
HVAC Systems
Environment Monitoring
Security Systems
Access Control
Lighting Controls

Key features

Agentless mobile-friendly access — simple access for vendors and technicians from any device with no software download or installation required

Centralized identity and policy management — role-based access control, hierarchical groups, SSO integration, and two-factor authentication, authorization and accounting

Support for multiple communication protocols and legacy systems — HTTPS, HTTP, RDP, SSH, and elastic cloud VDI instances and Azure Bastion hosts for broad compatibility

Comprehensive visibility and audit trails — continuous centralized monitoring, on-demand reporting of detailed access logs, and full audit trails

Next-generation security from building to cloud

View Remote Access runs on View Secure Edge, which enables the transport of data from building to cloud for centralized management, control, and visibility. Remote Access customers also benefit from the following features of Secure Edge.

OT & IoT Service

- Zero touch provisioning
- Automatic many-sites-to-many-cloud secure connections
- 802.1Q VLAN support
- Edge Firewall-as-a-Service
- Web application firewall
- Advanced tunnel firewall: granular, 7-tuple rules, independent app and sensor traffic control
- Advanced alerts
- Data diode
- Device & asset discovery services
- High availability & load balancing at the edge
- One-arm mode

Security

- Zero-trust network architecture
- Hardened OS
- Trusted platform module hardware
- BIOS trusted boot verification
- X509v3 certificate based mutual authentication with automatic rotation, renewal, and revocation
- AES-256 encryption in transit and at rest
- Two-factor auth
- Remote management of security patch delivery
- SIEM integration support

Edge Application Environment

- Cloud-based container orchestration
- Support for Docker, Azure and AWS repository
- DHCP/NTP/DNS servers
- Foghorn
- Edge Service Marketplace for data & automation applications
- Support for custom applications
- Comprehensive application observability, data security and governance

Certifications

- Third party PEN tested by BishopFox and Truvantis
- Meets Google's device certification for digital buildings
- Real Estate Cyber Consortium approved technology

Hardware & Virtualization

- RS232, RS482/485
- RJ45 ethernet
- 4G/LTE/5G support
- 1 RU form-factor
- Fanless
- AWS, Azure, VMware ESXi 6.X, 7.X, GCP, Openstack
  - Min 4GB RAM, 2 VCPU, 10GB disk

Realize the promise of smart buildings

About The Smart Building Cloud

View Remote Access is a component of The Smart Building Cloud, the industry's first complete, modular, vertically integrated, and cloud-native platform to deliver on the promise of smart buildings. The Smart Building Cloud enables you to optimize every aspect of your building to improve occupant health, decrease energy consumption, reduce friction in the workplace, and maximize operational efficiency — all with minimal upfront investment and maximum cybersecurity protection.

Learn more

About View

View transforms buildings into responsive environments that continuously adjust to meet human needs for natural light, connection to nature, fresh air, and comfortable temperatures, while improving energy efficiency and increasing profits for building owners and their tenants.

Today, View is installed and designed into more than 100 million square feet of buildings, including offices, apartments, schools, hospitals, airports, and hotels.

Get in touch

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