



i-Vu® Building Automation System i-Vu Cloud



The Carrier i-Vu Cloud solution bring deployment flexibility to customers while helping them scale for growth and reduce their support burden. Powered by the technology, security, and infrastructure of Amazon Web Services (AWS), i-Vu Cloud provides a predictable cost of ownership. It includes cloud-hosting, server maintenance, i-Vu site reliability monitoring, database redundancy and backups. Also included are software upgrades eliminating the need for customers to install, configure, and manage a building automation server in the building. There is no costly IT infrastructure to maintain, and IT compliance directives for the server - including reliability, security, and uptime - are managed by Carrier.



Patched

Backed Up



Secure

Authenticated

Key Features and Benefits

The i-Vu Cloud system provides quality control and energy management, all with the peace-of-mind knowing that i-Vu Cloud uses BACnet Secure Connect and/or VPN to encrypt network communications and keep the building automation networks secure. i-Vu Cloud includes all the features of the i-Vu Pro system plus:

- BACnet Secure Connect (BACnet/SC), and/or VPN tunnel provides server-to-network encryption to keep the BAS network secure
- VPN tunnel provides a smooth path to the cloud for existing customers, eliminating complex network configuration changes
- Provided by AWS:
 - Assured Server Uptime
 - Triple datacenter redundancy
 - Daily database backups
 - GuardDuty threat detection service
- Internet Protocol Versions IPv6 and IPv4 are supported
- Pair with i-Vu add-ons to add more capability and value to your i-Vu system. Some of the available add-ons are:
 - Abound™ Predictive Insights
 - Hourly Weather
 - Automated Demand Response
 - BACnet® Scheduling Interface
 - Microsoft® Exchange Scheduling
 - Trend Export



i-Vu Add-on

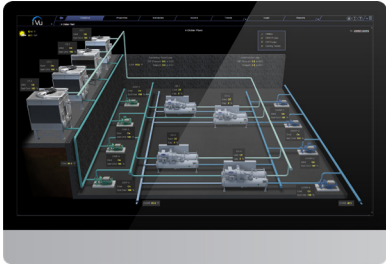
i-Vu Building Automation System

i-Vu Cloud



SPECIFICATIONS

CLIENT REQUIREMENTS		
Mobile Devices:	Smart Phones	Android™, iOS
	Tablets	Android, iOS, Surface™
Computers:	Computer operating system	Supports these web brows
	Windows	Google™ Chrome™ v84 or later Microsoft® Edge v84 or later Mozilla® Firefox® v79 or later
	Mac OS X (Apple Mac only)	Safari® v11 or later Google Chrome v84 or later Mozilla Firefox v79 or later
	Linux	Google Chrome v84 or later Mozilla Firefox v79 or later
COMMUNICATION		
BACnet:	BACnet Secure Connect (BACnet/SC) secure, encrypted datalink layer BACnet Protocol Revision 19 Compliant BACnet Advanced Operator Workstation (B-AWS)	
VPN Tunnel:	A VPN-capable router installed on the customer network that is compatible with the AWS VPN gateway	
I-Vu SECURITY		
Security:	BACnet Secure Connect (BACnet/SC) secure, encrypted datalink layer	
	Supports TLS (Transport Layer Security) v1.3 with 256 bit encryption between client and i-Vu server	
AWS CLOUD SECURITY		
Comprehensive Security and Compliance Controls		
AWS regularly achieves third-party validation for thousands of global compliance requirements that are continually monitored to help you meet security and compliance standards. AWS supports PCI-DSS, HIPAA /HITECH, FedRAMP, GDPR, FIPS 140-2, and NIST 800-171, helping satisfy compliance requirements for virtually every regulatory agency around the globe. For the latest AWS security standards visit: https://aws.amazon.com/security		



PRODUCT VERSIONS

SKU	Description
CIV-OPNPRC	i-Vu Cloud - 20 Users, 3 BACnet/SC connections, up to 150 Controllers/Gateways/Routers, 40GB storage
CIV-OPNPRCUG	Used when upgrading i-Vu to i-Vu Cloud