i-Vu® Building Automation System
i-Vu for Life Sciences

i-Vu for Life Sciences provides the tools, reports and insights necessary to manage critical environments in your facility to maintain regulatory compliance. The intuitive web interface allows you to:
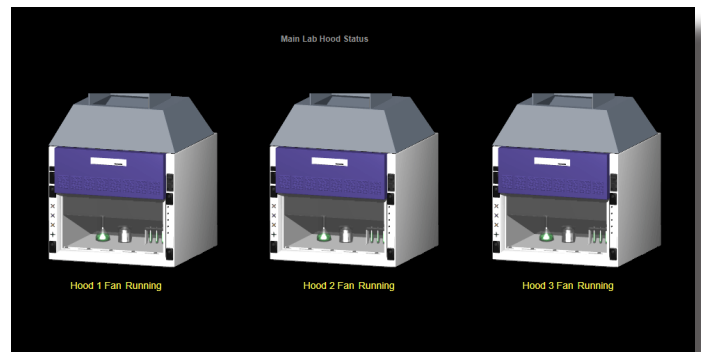
- Manage all HVAC equipment in your building while connected securely to the i-Vu Pro server using a standard web browser

- Maintain system integrity by recording all changes to equipment setpoints and configurations with authorized password protection

- Graphically configure and view schedules, setpoints, trends, alarms, and reports

- Integrate, monitor, and control sub-systems and devices using industry standard protocols

- Generate records compliant with FDA 21 CFR Part 11 requirements

i·Vu
LIFE SCIENCES

Features

- Powerful reporting engine with pre-configured, digitally signed and approved compliance reports

- Flexible operator management with predefined and custom user levels

- Secure login management with LDAP/Active Directory

- Critical alarm acknowledgment requires operator signature and comment

- Dynamic, scalable vector floor plan graphics resize to monitor resolution to convey a quick understanding of building conditions

- Customizable graphics, schedules, trends, reports, and alarms

- Support for unlimited number of controllers

- Haystack-compatible semantic tagging automatically assigns standard reference names to equipment data

- BACnet/SC Ready to support secure BAS infrastructures once BACnet/SC hardware is also available (future)

- IPv6 Ready to support IPv6 once IPv6 Router is also available (future)

- Easily integrates to third-party building systems and software using BACnet, Modbus® and LonWorks® protocols

Lab Hood Status Screen

Lab HVAC System Screen

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Client Requirements

Mobile Devices	Smart phones: Android™, iOS Tablets: Android, iOS, Surface™	

Browsers	**A computer with this operating system**	**Supports these web browsers**
	Windows	Google™ Chrome™ v84.0 or later Microsoft® Edge v84 or later Mozilla® Firefox® v79.0 or later
	Mac OS (Apple Mac only)	Safari® v11 or later Google Chrome v84.0 or later Mozilla Firefox v79.0 or later
	Linux	Google Chrome v84.0 or later Mozilla Firefox v79.0 or later

Server Requirements (Server sold separately)

Specs	Quad core processor, 4G RAM, 100Mbps or higher LAN communications Supports PCs running Windows and Apple (Mac) PCs running Mac OS X	
OS	The following operating systems in 64-bit versions: Windows 10 Professional and Enterprise Windows 8 Professional and Enterprise Windows Server 2019 Windows Server 2016 Windows Server 2012 R2	
Database	The i-Vu Pro® v8.0 system supports the following and database engines are sold separately: Apache Derby (default database engine-included with purchase) SQL Server® Express 2019, 2017, 2016 SQL Server 2019, 2017, 2016 Oracle 12c MySQL 5.7.2 and 8.0 PostgreSQL 9.4 through 12	
Security	Supports TLS (Transport Layer Security) v1.3 with 256 bit encryption between client and i-Vu server BACnet Secure Connect (BACnet/SC) secure, encrypted datalink layer	
Supports	Unlimited simultaneous users Communication to field controllers via BACnet (TCP/IP)	
Languages	International English, Brazilian Portuguese, Dutch, Finnish, French, French Canadian, German, Italian, Japanese, Korean, Norwegian, Russian, Simplified Chinese, Swedish, Thai, Traditional Chinese, Vietnamese	
BACnet	Advanced Operator Workstation (B-AWS) supporting BACnet Revision 19	
Part Numbers	CIV-OPNPRLS i-Vu 8.0 Pro-Life Sciences Unlimited Controllers	

For more information, contact your local Carrier Controls Expert.

Controls Expert Locator:
www.carrier.com/controls-experts