



# ACxelerate™ v3.0 Commissioning Tool

Add-on for the i-Vu® Pro System

Part Number: ACX-RENEW-C, ACX-RENEW-CDLR, ADD-ACX, and ADD-ACX-R

The ACxelerate v3.0 auto-commissioning tool is an add-on for the i-Vu Pro v9 (or higher) building automation system that automates VAV commissioning workflows, helping reduce the manual effort required to test terminal units. Engineered to accommodate single-duct, dual-duct, and fan-powered (series and parallel) VAV terminal unit dampers and reheat valves, ACxelerate v3.0 has been shown to substantially reduce commissioning time. By reducing commissioning timelines from days or weeks down to hours, the tool helps teams streamline project handovers across a wide range of building applications.<sup>1</sup>



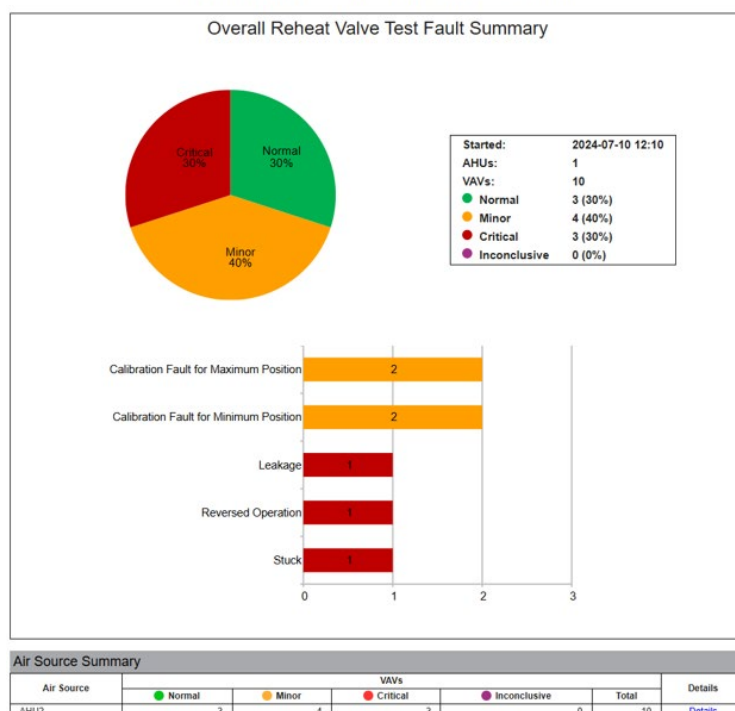
<sup>1</sup> Field Demonstration of an Automated Building Commissioning Tool

## Features/Benefits

- **Accelerate Project Commissioning (Dealers & System Integrators):** Helps reduce manual on-site commissioning effort by automatically discovering supported VAV boxes and associated AHU/RTU equipment, and automates functional testing of dampers and reheat valves to ensure proper operation.
- **Support Performance Validation (Specifiers & Building Owners):** Simplifies performance verification by generating comprehensive reports that document system health, validate operational performance, and maintain a historical record of test results.
- **Verify System Performance Over Time (Facility Managers):** After initial commissioning, facility teams can use ACxelerate on an ongoing basis to confirm that VAV system performance is maintained over time. Automated analysis and dashboard views highlight areas of concern, helping identify issues that may need follow-up to support comfort and system performance.

Sample exportable health report showing system status and fault locations for commissioning follow-up and ongoing performance verification.

### Reheat Valve Test Report - AHU2\_group



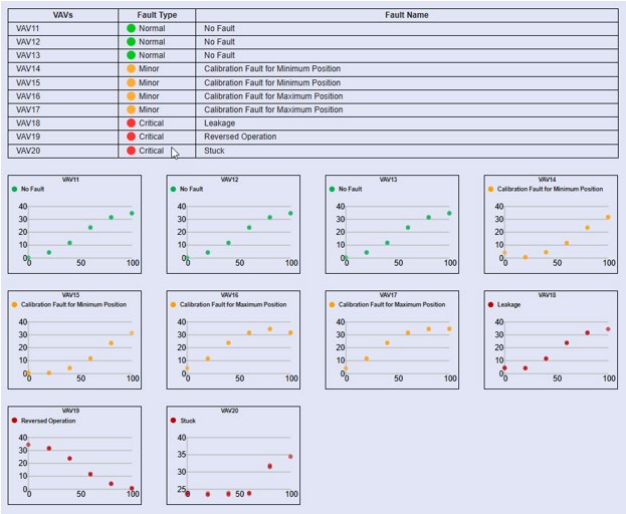
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## What’s New in v3.0

- **Automated testing expanded:** Now supports fan-powered VAV boxes.
- **Additional support:** TruVu line of VAV controllers using IP Linkage with either Static or Dynamic IP addressing.
- **Historical test access:** View and re-run prior tests for faster validation.
- **Smarter equipment discovery:** Automatically identifies VAVs and associated AHU/RTU systems.
- **Improved UI/UX:** More intuitive setup and streamlined test execution.

The ACxelerate tool is designed to automatically detect, analyze, and categorize system faults so your team can prioritize maintenance where it matters most:



|                 |                                                      |
|-----------------|------------------------------------------------------|
| Normal          | No Fault                                             |
| Minor Faults    | Starving (VAV box cannot reach its airflow setpoint) |
|                 | Over-Stroking                                        |
|                 | Maximum Airflow Error                                |
|                 | Minimum Airflow Error                                |
| Critical Faults | Leakage                                              |
|                 | Stuck                                                |
|                 | Obstruction                                          |
|                 | Sensor Fault                                         |
|                 | Minimum and Maximum Airflow Error (both detected)    |
|                 | Reversed Operation                                   |
|                 | Actuation Range Insufficient                         |
| Inconclusive    | Data Inconclusive                                    |
|                 | Further Diagnosis Required                           |
|                 | Test Aborted                                         |

| Part #         | Description                                                     |
|----------------|-----------------------------------------------------------------|
| ACX-RENEW-C    | i-Vu Cloud: i-Vu Cloud ACxelerate Cloud Subscription Renewal    |
| ACX-RENEW-CDLR | i-Vu Cloud: DEALER - i-Vu ACxelerate Cloud Subscription Renewal |
| ADD-ACX        | i-Vu System   Add-Ons - i-Vu ACxelerate Subscription            |
| ADD-ACX-R      | i-Vu System   Add-Ons - i-Vu ACxelerate Subscription Renewal    |