

# ALERTON'S GUIDE TO MEET ASHRAE 36 GUIDELINE



**ALERTON**

# HOW ALERTON HELPS YOU MEET ASHRAE GUIDELINE 36

ASHRAE Guideline 36 requires the best of robust, configurable controllers (the plug & play simplicity) combined with the programmable controllers (advanced sequences and diagnostics features). Alerton's extensive experience and cutting-edge solutions can help you optimize and enhance energy efficiency and operation within buildings.

| ALERTON RELATED MEASURES   |  |
|--|--|
| Zone group mode (occupied, cooldown, setup, warmup, setback, unoccupied) | Occupancy sensor   |
| Ventilation zone/ thermal zone   | Terminal Units Minimum airflow automatic reset based on ventilation requirement <ul style="list-style-type: none"><li>• Controllable Minimum Airflow</li><li>• Time Averaged Ventilation</li></ul> |
| AHU static pressure automatic reset                                      | Requests for hot water system control resets   |
| AHU supply air temperature automatic reset                               | Requests for chilled water system control resets   |
| Automatic economizer high limit determination                            | CO <sub>2</sub> based DCV (Demand Control Ventilation)   |

Products supporting include Alerton's ACM, VLC-E, VAV-E, VIP-363-VAV, and VIP-363-HOA

## THROUGH A COMPLETE SYSTEM-APPROACH, ALERTON HAS CREATED AN APPLICATION LIBRARY FOR:

### Air Handling Units

- Single duct VAV

### Terminal Units

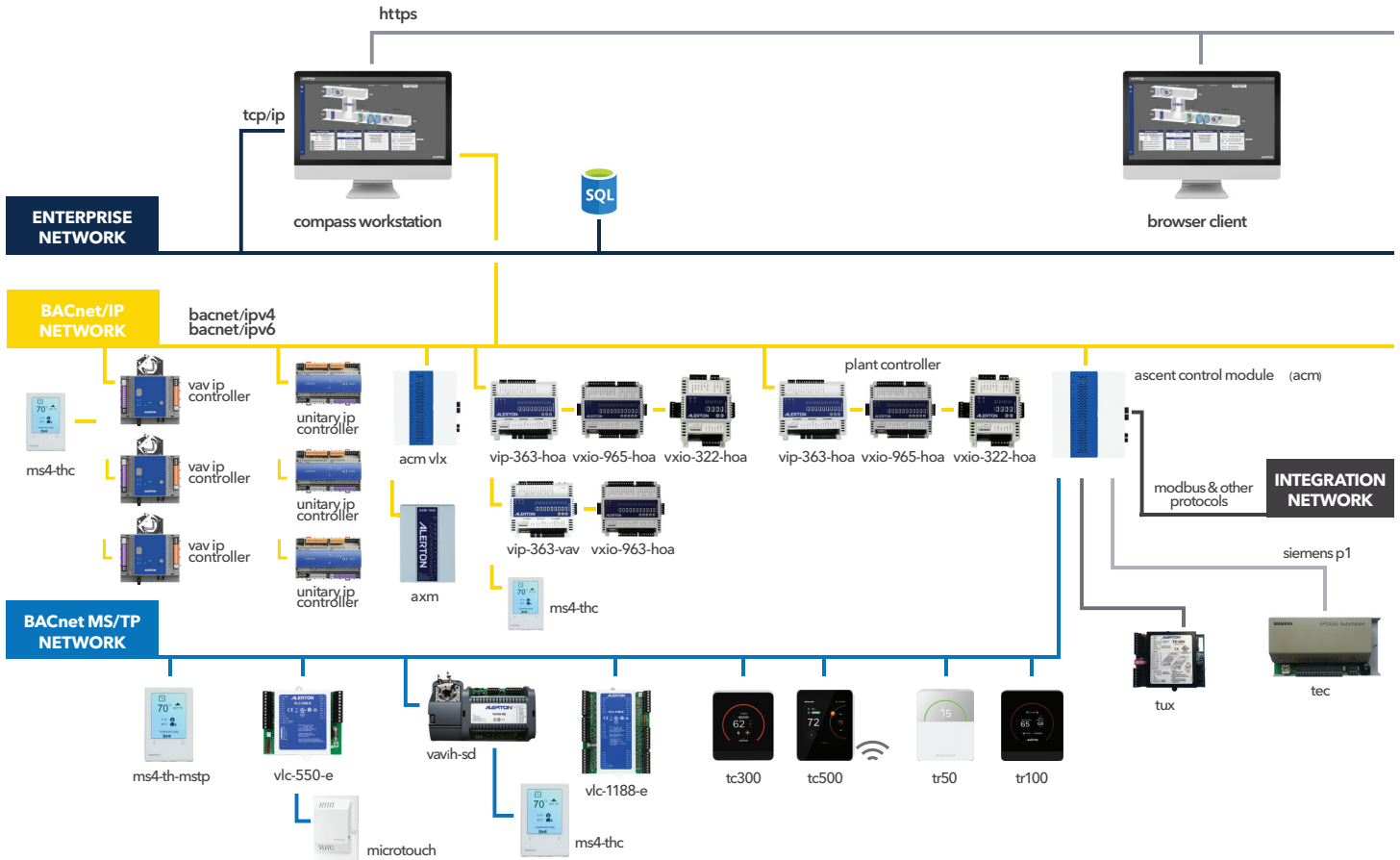
- Cooling-only VAV
- VAV Reheat - hot water or SCR electric
- Parallel Fan Powered VAV
- Series Fan Powered VAV

### WHICH INCLUDES:

- Control Diagram (pdf & vsdx)
- Controller Wiring Diagram (pdf & vsdx)
- Point List (xlsm and mdb)
- Sequence of Operation (rtf)
- VisualLogic™ DDC Drawing (pdf & vsdx)
- VisualLogic™ DDC File (bd3, bd4, or bd9)
- Device Template (dvtx)
- Graphical images (png)
- Summary Pages (xlsm)
- Deployment and Commissioning Instructions (pdf)

# CONNECTIVITY MADE EASY

## ALERTON SYSTEM ARCHITECTURE



### ALERTON

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AL-BR-Alerton's Guide to Meet ASHRAE Guideline 36  
01-00470 | 2025-04-24  
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Smarter Buildings Start Here