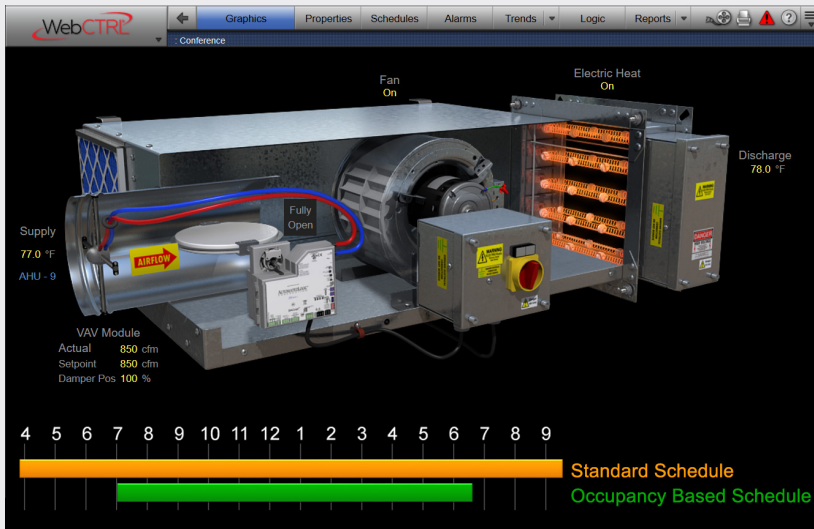# HVAC Schedule Optimization

## Advanced Security Add-on for the WebCTRL® System

**Automated Logic**

The HVAC Schedule Optimization Advanced Security Add-on for the WebCTRL System uses the Lenel® OnGuard® badge reader data to track historical occupancy trends, and then predicts future facility occupancy levels. This information is then used by the WebCTRL system to automatically adjust zone and building schedules, optimizing energy usage and operational efficiency.

## Key Features and Benefits

- **Optimal Start Coupling** - Ensures comfort at typical occupancy, and covers "early birds".

- **Rolling Average by "Day of Week"**- Evaluates each day of the week separately to account for daily variances.

- **Dynamic Assessment** - Responds to changes in occupancy profiles over time.

- **Exception Handling** - Analyzes data for unusual occupancy patterns such as holidays and discards them to avoid influencing predictions.

## Compatibility

- WebCTRL v6.5 or newer
- OnGuard version must be:
  - v7.0 or later if using DataConduIT interface
  - v7.4 or later if using OpenAccess interface
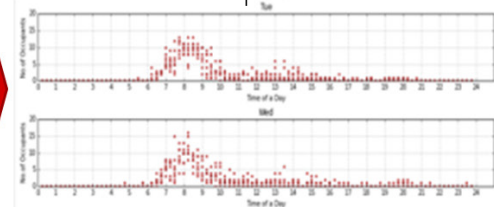
## Requires

- OnGuard Data Connector (ADD-OG-DIP)



**Collect Access Data**

**Trend > Analyze > Predict**

**Execute Optimized Schedule**

**WE MAKE BUILDINGS BETTER.**
Next level building automation engineered to help you make smart decisions.