

# ENERGY MANAGEMENT SOLUTIONS BY

**CARTER CONTROLS &  
CCM  
MANAGEMENT SYSTEMS**

Automation technology for HVAC systems,  
Lighting, Security and much more.

# WHAT IS AUTOMATION?

Definition: **Replacement of human resources with technology:** a system in which a process has been converted to one that replaces or minimizes human effort with mechanical or electronic equipment.



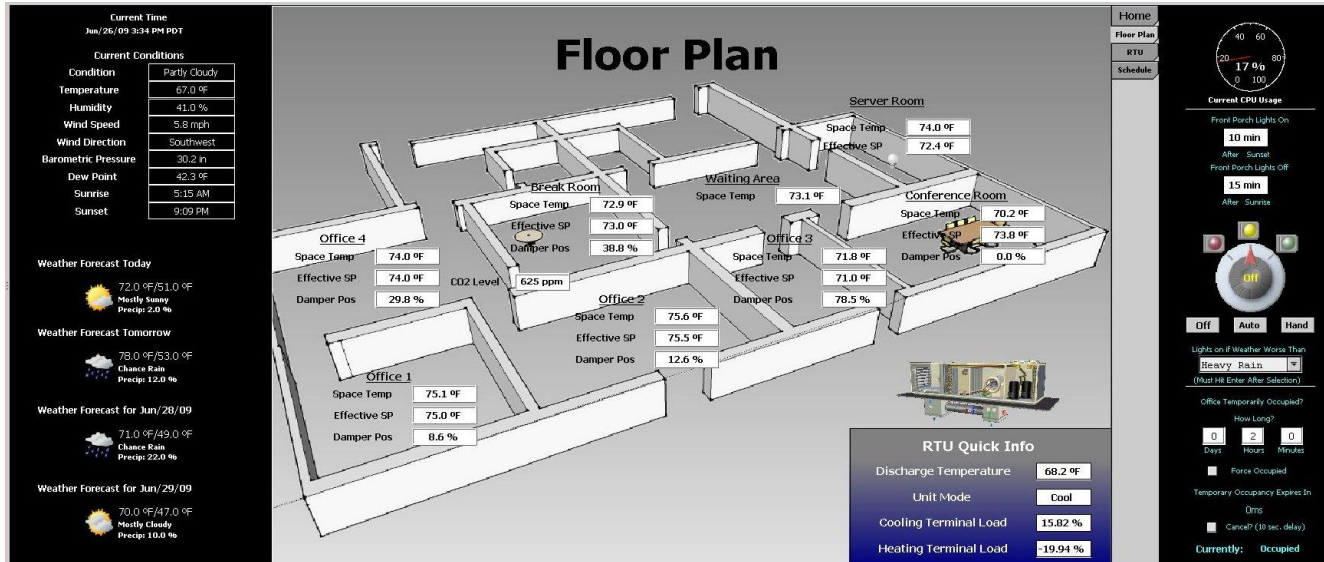
BUILDING AUTOMATION WITH  
A NEW SPIN — SAVINGS

Intricate Control  
Made Simple

# WHAT IS **TRiD!UM** ?

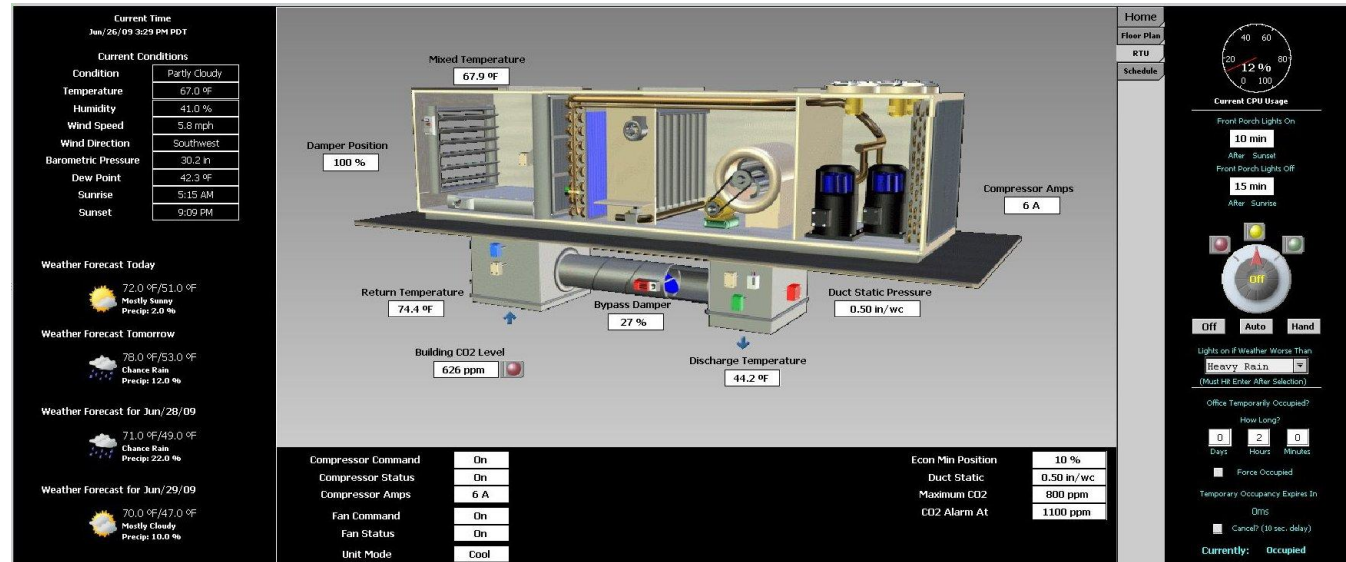
- ***Money saving*** energy management system
- ***Network configured*** system, that puts the controls of HVAC, lighting and other electronic devices at the finger tips of authorized persons through computer interface
- ***Scheduling System*** that *automatically controls* when and how systems operate 24/7/365
- ***Monitoring system*** that *communicates* how systems are operating and send alarms when errors occur
- ***Minimizes interruptions*** of comfort and convenience
- ***Creates Happy Occupants and Saves Money!***

# TRiD!UM USER SCREEN VIEWS



See and manage environmental conditions within an entire building from a computer on the network or over the internet.

View equipment details to ensure that systems are working correctly, and determine possible faults of system interruptions.



# **TRiD!UM** BENEFITS

- ***MORE RELIABLE*** THAN TYPICAL THERMOSTATS
- ***SECURE*** ACCESS TO CONTROLLED SYSTEMS
- ***SIMPLE*** INTERFACE ON THE NETWORK OR INTERNET
- ***CONTROLLED*** SYSTEMS AT ALL TIMES
- ***ENERGY SAVINGS*** BY ENERGY MANAGEMENT
- ***MONEY SAVING*** TECHNOLOGY
- ***EXPANDABLE*** TO MEET GROWING DEMANDS

# TRiD!UM NETWORK CONFIGURATION

Network Accessible

Internet Accessible



**TRiD!UM**  
Controller Server



Network Access  
Point



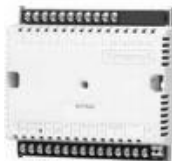
Internet Access  
Point



Plant  
Controller



Constant Volume  
AHU Controller



Smart VAV  
Actuator



Pressure  
Sensor



Supply Air  
Sensor



Outdoor  
Air Sensor



Room Temperature  
Sensor



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