

Crestron Fusion Viridian

Enterprise Energy Management Software

- > Track real-time energy usage
- > View reports showing consumption
- > Analyze, compare & project monthly costs
- > Display up-to-date energy prices
- > Monitor consumption behavior of occupants
- > Receive emergency alerts
- > Schedule daily events quickly from any touchpanel or web browser

Fusion Viridian is a complete energy management software solution for organizations of any size. From a school to a whole enterprise, Viridian tracks your carbon footprint while informing you of trends, usage, and ways to save money.

Viridian monitors every lighting, shade, heating, cooling, and water system independently. The program generates reports showing energy consumption and resource usage throughout a day, week, month, or year. Information is displayed in easy to read charts and graphs. With Viridian, it is easy to keep everything in check.

Every room can be monitored and managed from any touchpanel or web browser. View temperature, humidity, occupancy status, and even CO2 levels for a room, and then trigger a light scene or manually adjust HVAC accordingly.

liveVIEW™

Up to the minute details with graphic-rich liveVIEW show the vital statistics of your organization. Easy to read pie charts and bar graphs pictorially describe the usage of all utilities (electric, gas, oil, water, etc.). Simply see where the most energy is being consumed and take action to reduce costs and gain efficiencies.

Custom Reports

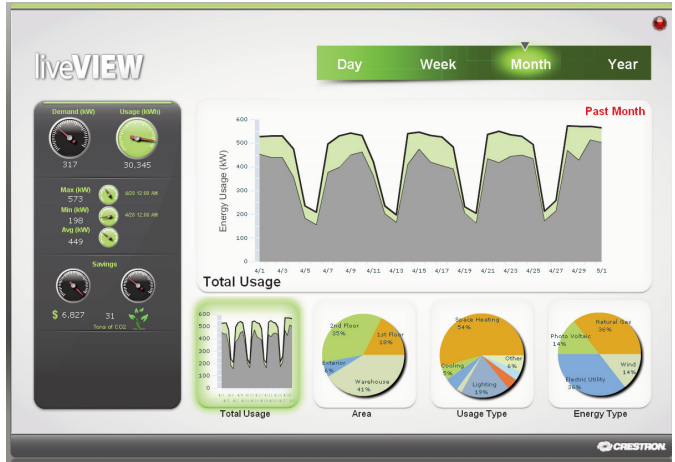
The data that is seen in liveVIEW is saved into the custom report database, enabling you to call upon an array of criteria to view historical consumption. Compare utility bills to the liveVIEW report. Project accurate monthly energy costs over the course of a year.

Scheduling

Built in to Viridian is the ability to schedule events around the building or enterprise. From simply switching lights on or off, to preventing water use during dry spells, Viridian provides the intelligence to help use resources wisely.

Emergency Alerts

A watchful eye on your consumption, Fusion Viridian sends you alerts if it notices something out of the ordinary. From abnormal water or gas volume, to excessive electrical current, to high CO2 levels in the air, Viridian can prevent disaster by shutting down a system or sending an alert.



Maintenance

Fusion Viridian remembers when lamps were last replaced and tracks the time of life for each lamp. As the end of life approaches, a message is sent out advising that the lamp should be replaced.

Renewable Energy

For buildings with on-site renewable energy sources, Viridian tracks the amount of energy generated. Viridian adds this information to liveVIEW for an easy display of energy savings. You can even present the savings in your lobby to earn LEED points and impress visitors.

SPECIFICATIONS

Minimum Client Requirements

- Mac running Mac OS or PC running Windows XP SP2, Windows Vista or Windows 7 or later with 10/100 network interface card (NIC)
- 500 MHz, Pentium III Processor (1.3 GHz Pentium 4 recommended)
- 256 MB RAM (512 MB recommended)
- 16-bit color (32-bit recommended)
- 1024x768 screen resolution
- Crestron 2-Series control system(s) with C2ENET card or built-in Ethernet

Minimum Server Requirements

- Crestron RoomView Server (preconfigured w/ all necessary software)
- or Server running Windows 2003 Server Standard or Enterprise, Windows 2008 Server Standard or Enterprise; 32 and 64 bit versions

