

## Energy Consulting and Retro-Commissioning

Vesta Technologies Inc. is a leader in Energy Consulting and Retro-Commissioning. With LEED-accredited professionals on staff and our status as a Focus on Energy<sup>sm</sup> partner, Vesta has the experts to help you meet the goals you have for your building.

Our feasibility studies show where your facility wastes energy and how to trim usage through smart energy choices. We examine your facility's plumbing, electrical, HVAC, and lighting to determine the correct course of action. From grey water collection to waste heat recovery, we know how to maximize your energy dollars, showing you where your energy costs should be and how to get there.

After we complete your study, we work on your behalf as a third-party consultant to protect your investment. As your trusted advisor, we oversee every aspect of your plan so that you realize the greatest benefit possible.

No matter what industry, function or style of building, Vesta Technologies is here to help.

### Capabilities

- HVAC Controls
- Lighting Controls
- Integration to UPS, Generator, Liebert, PLC etc.
- Access Control Systems
- CCTV Systems
- Fire Alarm Systems
- Fire Alarm System Inspection
- Intrusion Detection Systems
- Energy Consulting Services
- Retro-Commissioning
- Feasibility Studies
- Third-Party Consulting
- 24-hour Monitoring
- On-staff LEED Professionals



***Building Automation &  
Energy Management  
Specialists***

*Experts you can TRUST*



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Vesta Technologies, Inc., a Trend Technology Center, partners with Trend to provide our customers with the very best in Building Automation Controls and Energy Management products.

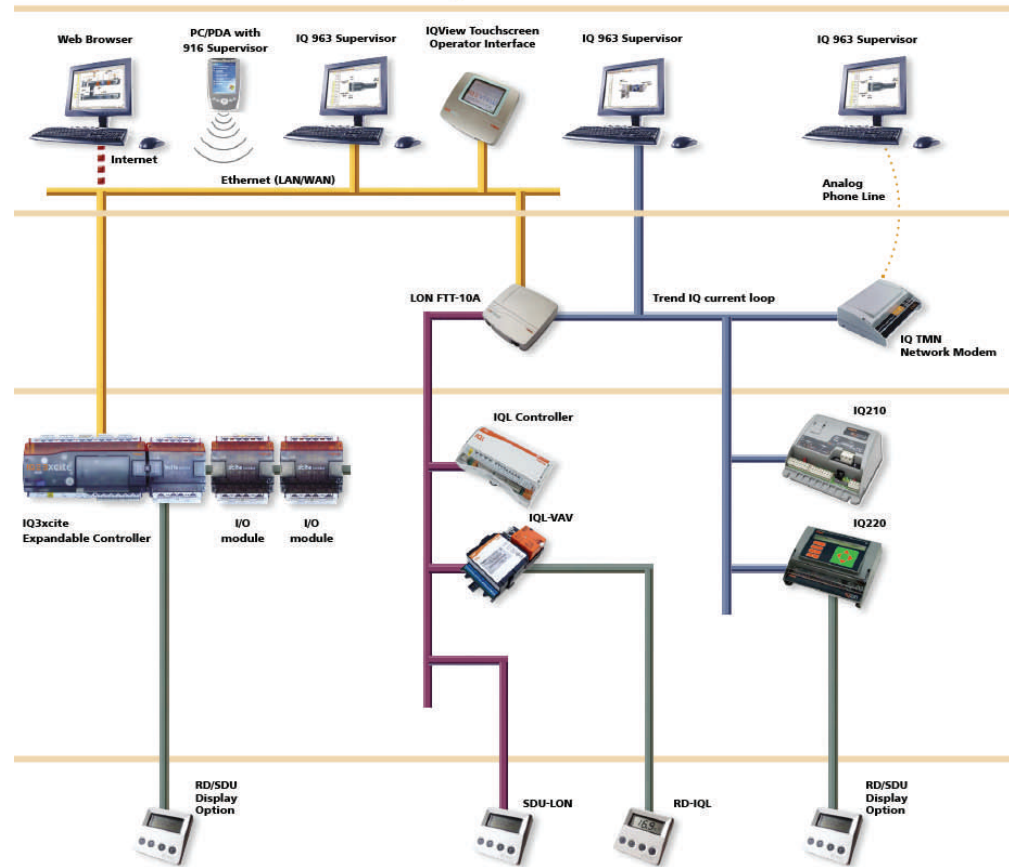
Trend offers some of the most robust Ethernet-based technology on the planet. Utilizing a true Peer-to-Peer (PTP) topology, Trend has paved the way to a new era in DDC controls. Most systems utilize a "Head-end" style of architecture, which leaves the system susceptible to a host of issues. With Trend, every device has its own scheduling and communication capabilities, and is not dependent on any one device.

The Ethernet-based controllers also employ numerous features that customers love. A built-in Web-server enables you to use nothing more complex than Internet Explorer to interrogate the controllers. The components' flexible design allows you to add onto existing controllers as your need to expand the system arises.

Trend also uses open protocol communications, effortlessly handling Lon, BACnet, Modbus, XML, and OPC to allow integration to everything in your buildings.

Perhaps the most important feature of Trend's product line is its Backward and Forward Compatibility pact. Trend guarantees that no matter what technology develops in the future, all its components will be backwards compatible with everything previously manufactured. The first Trend controller manufactured in 1980 will seamlessly communicate with the Ethernet controllers today, insuring your investment is always secure.

## Trend IQ System Architecture



**The IQ3 controller is the heart of a Trend system:**

- Embedded Web capabilities for easy remote management
- Backward compatibility to leverage existing investments and simplify upgrades or expansion
- Flexible and powerful programming for precise operations
- Simplified installations to quickly get operations up and running

*Vesta Technologies, Inc. incorporates state-of-the-art graphics to provide vivid, 3-D displays that make modifications fast and easy.*



### Mission Statement

Vesta Technologies, Inc. is dedicated to ensuring total satisfaction to all our customers. We will exceed all expectations of our customers by providing clear, concise, cost-effective methods and workmanship while maintaining a safe environment at all times.