

## **Eaton Power Experts Share the Vector Approach to Data Center Power Planning In the Latest Thought Leadership White Paper**

**July 9, 2009** ... Eaton today announced the release of its June thought leadership white paper titled “The Vector Approach to Data Center Power Planning.” Each month, Eaton power experts deliver content to address issues that are top-of-mind for customers and industry partners in today’s Information Technology (IT) environments.

Data centers consume 10–30 times more energy per square foot than the typical office building, a figure that has doubled in the last five years. More regularly and frequently, organizations are hitting fixed limits in their power systems and with the volatile rate of change in IT technologies, power demands can quickly exceed established barriers in a legacy distribution system. The cost of upgrading, augmenting or replacing the power architecture can be astronomical.

The latest thought leadership white paper provides an approach that considers the major milestones and thresholds in data center power requirements and ways to adjust a data center’s strategy as it passes through different evolutionary stages.

First the paper addresses typical myths that can cause power planning approaches to fall short. It then provides insight into Eaton’s dynamic approach to power planning that mirrors the transitional nature of evolving data centers. It is called “The Vector Approach” because it factors the magnitude and direction of change into planning processes. The Vector Approach defines four different stages of data center evolution, Type A – the legacy data center, Type B – the transitional data center, Type C – the next-generation data center and Type D – the next-generation, high-density data center. Eaton experts challenge end-users to identify where their data centers stand on the evolutionary scale to make wise choices when building an adaptable data center infrastructure.

To download the new white paper, please visit [www.eaton.com/pq/whitepapers](http://www.eaton.com/pq/whitepapers). To learn about Eaton’s line of power quality products and services, visit Eaton’s Web site at [www.eaton.com/powerquality](http://www.eaton.com/powerquality).