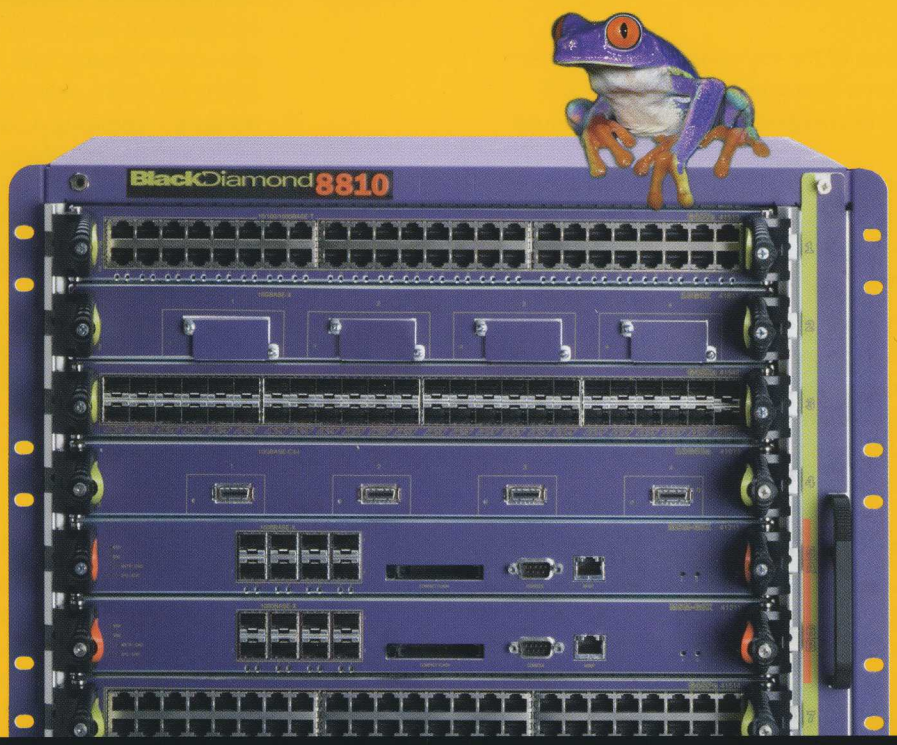
Purple.

The new

Green.



Eco-friendly Technology from Extreme Networks.

For a greener, leaner network.

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www.extremenetworks.com

extreme networks™

Extreme Networks® helps green your network with solutions and services that optimize power consumption and help reduce your overall energy costs and carbon footprint. Through innovative technologies and product architectures, we believe you'll find an Extreme Networks infrastructure greener to design, greener to operate, and greener to upgrade.

Greener to Design

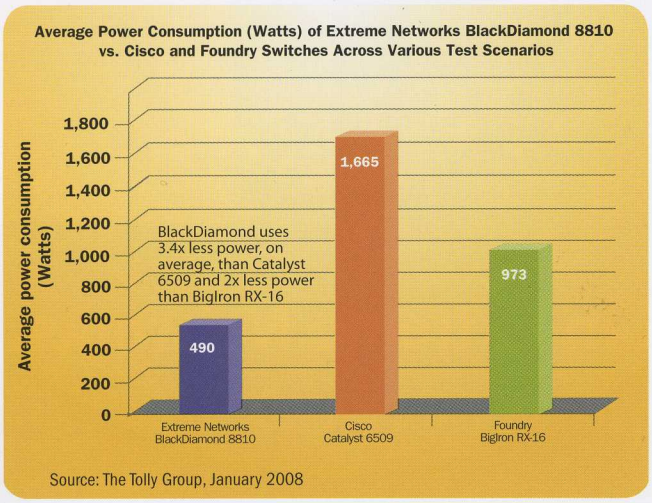
Extreme Networks employs a comprehensive, energy-efficient approach to network architecture that helps you design a greener network. For example:

- In many cases, Extreme Networks high-density switches allow you to deploy a two-tier (core/edge) rather than a three-tier network—reducing energy requirements and operational complexity
- Extreme Networks broad and deep product portfolio allows you to tailor switch throughputs to the task at hand—for example, using a 10/100 switch for Voice-over-IP (VoIP) while deploying a Gigabit Ethernet switch to support distributed data centers

Greener to Operate

Operational costs are one of the key concerns of the Green IT movement, and Extreme Networks provides tools and technologies to help tame energy consumption and reduce costs. For example:

- In testing, the BlackDiamond® 8810 consumed 3.4X less power than Cisco's Catalyst 6509 switch and 2X less than Foundry Networks BigIron RX-16 switch, when similarly configured and passing data traffic (see diagram below)
- Extreme Networks innovative Universal Port framework gives network managers an automated tool to conserve power—an example of Universal Port and VoIP is highlighted at right



Universal Port – Making IP Telephony Greener

- As a framework embedded in all Extreme Networks switches running the ExtremeXOS® modular operating system, Universal Port utilizes profiles to enable responses based on predefined events.
- Universal Port can be calibrated with power-saving policies that automate port activity and make IP telephony greener. For example, in an office with regular 9 to 5 business hours, Universal Port can be configured to identify non-essential PoE-powered IP phones and power them down during off hours—evenings, weekends and holidays —reducing power consumption as much as 70%, or potentially thousands of kilowatt hours per year.

Greener to Upgrade

Extreme Networks extends its commitment to Green IT throughout the product lifecycle through strategies that allow green reuse and recycling across the Extreme Networks product line.

- Using a single, robust and scalable operating system —ExtremeXOS—across all Extreme Networks products allows products to be moved within the network topology with little or no management overhead
- Even at the end of a product's lifecycle, Extreme Networks maintains its commitment to Green IT. Wherever possible, environmentally friendly components are used in product design, in compliance with environmental regulatory standards such as the China and EU RoHS (Restriction of Hazardous Substances), and EU WEEE (Waste Electrical and Electronic Equipment)

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