

Enterasys Green Solutions

A summary of our green initiatives and practices



1. Environmental Standards Compliance

- **RoHS (Restriction of Hazardous Substances)** – European Union regulation which restricts the use of six hazardous materials in the manufacture of various types of electronic and electrical equipment. Enterasys meets the highest level of compliance, RoHS-6, for the majority of our products, and we are working toward the future when our entire product line will be free from lead-based solders.
- **WEEE (Waste from Electrical and Electronic Equipment)** – European regulation placing responsibility for the disposal of waste electrical and electronic equipment on the manufacturers of such equipment.
- **RoHS, China** – China-specific RoHS standard detailing regulations around packaging, recycling and contents of products.

2. “Green” is Built into Our Products

- Enterasys takes into account product efficiency when developing our solutions. We are now requiring greater than 90% efficiency from our power supplies. This reduces the electricity required to operate our systems as well the cooling required in the data center.
- Enterasys products are all shipped in easily recycled and/or reusable packaging. Enterasys was an innovator in the use of environmentally friendly packaging starting back in 1993.
- Our products are designed from the ground up with long technology lifecycles of 7-10 years rather than planned obsolescence every 2-3 years that is common in the industry. This means our customers enjoy longer investment cycles for their networking infrastructure, resulting in fewer purchases and helping to reduce e-waste and conserving natural resources from the production and shipment of new equipment.
- Our products are at the heart of our customers’ telecommuting practices, with our switching and routing solutions optimizing video conferencing sessions and in turn reducing environmental waste from unnecessary travel.
- Enterasys wireless 802.11n access points are among the most energy efficient in the industry, specifically designed to use less than 12 watts of power when operating with all functionality enabled.
- Enterasys switches were named to CRN’s “Top 10 Green Switches” list for 2008, which required greater than 90% efficiency from device power supplies and reduced electricity for cooling the data center and overall network operation.



Enterasys is a strong believer in environmental accountability and is committed to being a good neighbor in the communities that we call home. Our company and employees have undertaken many efforts worldwide to help build those communities, especially as we grow and open facilities in new markets around the globe. We remain focused on continued progress both as a business leader and as an environmentally and socially responsible company. To the left is a summary of Enterasys practices and initiatives developed to help our customers meet their environmental goals.

**There is nothing more important
than our customers.**

3. At Enterasys, We Practice What We Preach

- **Smart Building Technology** – Enterasys leverages smart building facilities control systems to reduce energy consumption associated with lighting and HVAC at our headquarters in Andover, MA.
- **Virtualization** – Enterasys built a new green data center that features the extensive use of virtualization technologies. Enterasys has reduced the number of physical servers in our data center by 80% through the use of server virtualization and we are deploying energy efficient iSCSI technologies for our storage area network (SAN).
- **Telecommuting** – Enterasys believes it is vitally important we all do our part to reduce greenhouse gasses. To that end, Enterasys supports telecommuting and van pools for many of our employees to further reduce the production of greenhouse gasses.

4. Working with Our Partners

- **Dell's Plant a Forest Initiative** – Enterasys participates in Dell's Plant a Forest initiative which is a global community of organizations committed to improving the environment for the long-term. Through this program, Enterasys donates money to cover the carbon impact of the average amount of electricity used by our Dell equipment over three years.

- **Carbonfund.org** – Enterasys is collaborating with Carbonfund.org, who is leading the fight against global warming climate change, making it easy and affordable for any individual, business or organization to eliminate their climate impact and hastening the transformation to a clean energy future. Enterasys offsets the carbon impact of all our employees worldwide on an annual basis by working with Carbonfund.org to fund renewable energy, energy efficiency and reforestation projects.


- **Stephen Gould** – Working with our partner Stephen Gould, we are continually looking into ways to use environmentally friendly and efficient packaging in the shipping of our products. The majority of our packaging materials are curbside recyclable. In addition, our corrugated packaging contains 18% recycled post-consumer content. We are also working on a common pack for several of our chassis platforms to cut down on materials used in the shipping of each product.



5. Looking to the Future

- **Recycling** – Enterasys is investigating ways to make product retirement (through reuse or recycling) as easy for customers as a new product purchase. We recognize the challenges of recycling practices in a number of geographies and will focus on exploring product recovery services in emerging markets.

- **ENERGY STAR** - Enterasys is working with the US Environmental Protection Agency and EPEAT to define power consumption metrics for networking equipment in relation to ENERGY STAR compliance.

- **IEEE 802.3az – Energy Efficient Ethernet** – A working group was recently established to look at ways to reduce power consumption during periods of low link utilization. We are establishing requirements for upcoming product releases based on this developing standard.


Contact Us

For more information, call Enterasys Networks toll free at **1-877-801-7082**, or **+1-978-684-1000** and visit us on the Web at **enterasys.com**

