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Cisco's Green Story

Connected Urban Development



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Cisco's Green Mission

Operations

Impacting how we operate as a business

Products

Creating efficiencies and innovations in our products

Architecture

Providing solutions to our customers to address global environmental issues

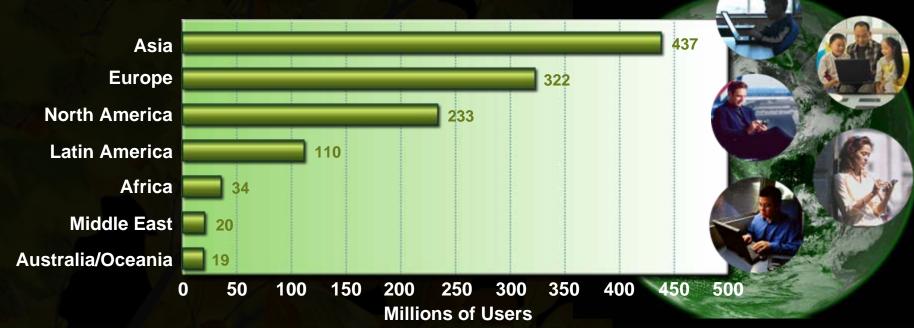
Employees

Inspiring our employees to get involved and take action



Green Networks

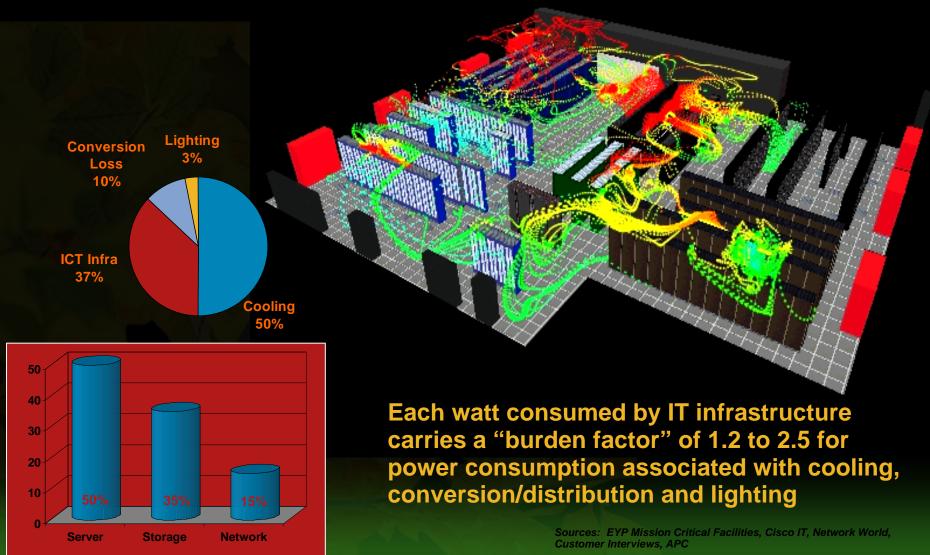
Helping our customers to meet their green goals by making every connection a green connection.



"If it can be connected to the Internet, it can be green."

Where does the Power Go?

Network has a small footprint and can reduce overall power requirements



Connected Urban Development

Cisco has launched an initiative that embeds advanced information communication technology in urban infrastructure and management systems in order to reduce global warming.

- Cities consume 75% of the world's energy and are responsible for 80% of greenhouse gas emissions.
- Piloting in three cities: San Francisco, Seoul, Amsterdam. Total investment in this initiative estimated at \$15 million. The Amsterdam initiative is expected to save 76K tons of CO2 over five years.
- Cisco's product development organization will determine how to use technology innovation to manage traffic patterns and create an urban communications infrastructure that increases the efficiency of traffic flows.

Cisco Connected Real Estate

The Cisco Connected Real Estate program integrates the control and management of disparate building systems over a single IP network.

- Converged network approach generated capital savings of 24%.
- Reduced operating expenses by 30%.
- 40% reduction in electrical demand.



Managing Operational Waste

Cisco strives to manage, reduce, or eliminate operational waste — which includes office, landscaping and cafeteria wastes.

- In San Jose, 74% of the total waste stream is now diverted from the landfill.
- In our Brussels office, installation of new recycling bins and an employee education program boosted the recycling rate from 40 to 80 percent.
- At our San Jose headquarters, we are testing a program to sort 100 percent of our office waste to make sure no recyclable materials end up in the landfill.



OPERATIONS

Reducing Water Use

Cisco installed waterless urinals in restrooms at our San Jose headquarters and installed 60 taps with sensors in our Brussels office.

- With the waterless urinal projects, we estimate that water consumption will go down by more than 8.5 million gallons per year once installation is complete in 2008.
- At our San Jose headquarters, Cisco uses only recycled water for landscape irrigation and fountains, which represents approximately 45% of our total 700,000 cubic feet of water consumption.
- In California alone, we are saving more than 81 million gallons of water each year due to our water conservation efforts.



GREEN PRODUCTS

Product Energy Efficiency

Cisco has incorporated power-reduction features into many of our consumer products.

- The hard drive in the Scientific Atlanta set-top box digital video records automatically goes into sleep mode between the hours of 1:00 am and 6:00 am.
- Cisco Unified Communications Manager V4 allows the displays on all the IP phones connected to a network go dark at a given time after business hours. This results in a savings up to 25% of a phone's energy consumption
- All Cisco power adapters meet the ENERGY STAR requirements (California).





Changing the Way Our Products Work

- Sustainable Product Design
- Commitment to Standards
- Product Efficiencies



Changing The Nature of Work

- Reducing energy use across the company
- Limiting the greenhouse gas emissions implicated in global warming
- Closely managing water use, food procurement, and water
- Monitoring and properly disposing of hazardous materials



