

## Cisco Infrastructure Efficiency Assessment Service

Benchmark Energy Efficiency, Lower Energy Consumption, and Plan for Borderless Infrastructure Growth



### Cisco EnergyWise

Cisco EnergyWise is a highly intelligent IP-based architecture to help measure, monitor, and control energy consumption across the enterprise.

Cisco EnergyWise further supports your energy management initiatives by:

- Reducing the environmental and economic effects of energy consumption
- Improving electrical efficiency and availability to realize capacity gains
- Meeting green regulatory, corporate, and social responsibilities
- Providing benchmarking, analysis, recommendations, and design expertise with professional services from Cisco and our partners

### Enabling Cisco EnergyWise for Cost Savings

Cisco® EnergyWise is a Cisco energy management architecture that allows IT operations and facilities to measure, monitor, and fine-tune power usage to realize significant cost savings. EnergyWise focuses on reducing power used by devices connected to a Cisco network, ranging from Power over Ethernet (PoE) devices such as IP phones and wireless access points to integration with IP-enabled building and lighting controllers. Using an intelligent network-based approach, EnergyWise allows IT and building facilities operations to understand, optimize, and control power for cost savings in your borderless network.

### Cisco Infrastructure Efficiency Assessment Service Overview

The Cisco Infrastructure Efficiency Assessment Service is a critical first step in building an active IP-based energy management program using EnergyWise for cost savings. This service establishes energy efficiency benchmarks for your physical infrastructure to help you utilize resources more efficiently and reduce cooling and energy consumption. The service also provides analyses and recommendations to help you effectively upgrade and expand the power, cooling, and space to support new equipment or design a new facility.

The Cisco Infrastructure Efficiency Assessment Service includes the following activities:

- Inspect and document the electrical infrastructure
- Benchmark energy efficiency across IT and facilities infrastructure
- Assess building electrical efficiency
- Identify inefficient systems, configurations, or operational practices
- Project efficiency effects of changes across the enterprise
- Create 3-dimensional models of mission-critical environments
- Provide best-practice recommendations for energy efficiency and management

### Increase the Energy Efficiency of Your Physical Infrastructure

This comprehensive assessment combines analyses of your operating practices and existing physical infrastructure to help you maintain high availability while reducing energy consumption and costs. You'll work with Cisco Professional Services and Cisco ecosystem partners with specialized expertise in infrastructure energy benchmarking. These experts use best-practice methodologies and advanced tools to identify problems that compromise availability, increase energy consumption, and degrade operating efficiencies. Furthermore, this service provides best-practice recommendations on how to improve operative electrical efficiency and availability.

The Cisco Infrastructure Efficiency Assessment Service helps you to:

- Establish benchmarks for the energy efficiency of your physical infrastructure
- Reduce energy consumption by providing recommendations and industry best practices
- Identify design, installation, or operating practices that compromise efficiency and provide recommendations for improvement
- Develop the business case for virtualization, including analysis of facilities savings and deployment risks

## Summary

By sharing our knowledge and leading practices, we support your success with analysis, recommendations, and design expertise on how to improve electrical efficiency and availability of equipment, power, and cooling facilities. Choose from a flexible suite of energy management services designed to meet your enterprise needs and help you maintain high network performance while controlling operational costs.

## Cisco and Partner Expertise

Cisco Professional Services are delivered by Cisco consultants and certified Cisco partners with extensive operational and energy management experience. Their expertise is supported by best-in-class tools, best-practice methodologies, and superior access to Cisco product development and support resources. Working with Cisco experts and partners can help you successfully implement an active IP-based energy management program.

## For More Information

The Cisco Infrastructure Efficiency Assessment Service is available globally. Service delivery details might vary by region. For more information about this and other Cisco energy management services, contact your local account representative or visit [www.cisco.com/go/energywise](http://www.cisco.com/go/energywise).

Enable the innovative, secure, intelligent edge in the Borderless Network Architecture with personalized professional services from Cisco and our partners. For more information about the Cisco Borderless Network, visit [www.cisco.com/go/borderless](http://www.cisco.com/go/borderless).

**Cisco Services.**  
**Making Networks Work.**  
**Better Together.**



**Americas Headquarters**  
 Cisco Systems, Inc.  
 San Jose, CA

**Asia Pacific Headquarters**  
 Cisco Systems (USA) Pte. Ltd.  
 Singapore

**Europe Headquarters**  
 Cisco Systems International BV  
 Amsterdam, The Netherlands

Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at [www.cisco.com/go/offices](http://www.cisco.com/go/offices).

CCDE, CCENT, CCSI, Cisco Eos, Cisco HealthPresence, Cisco IronPort, the Cisco logo, Cisco Nurse Connect, Cisco Pulse, Cisco SensorBase, Cisco StackPower, Cisco StadiumVision, Cisco TelePresence, Cisco Unified Computing System, Cisco WebEx, DCE, Flip Channels, Flip for Good, Flip Mino, Flipshare (Design), Flip Ultra, Flip Video, Flip Video (Design), Instant Broadband, and Welcome to the Human Network are trademarks; Changing the Way We Work, Live, Play, and Learn, Cisco Capital, Cisco Capital (Design), Cisco.Financed (Stylized), Cisco Store, Flip Gift Card, and One Million Acts of Green are service marks; and Access Registrar, Aironet, AllTouch, AsyncOS, Bringing the Meeting To You, Catalyst, CCDA, CCDP, CCIE, CCIP, CCNA, CCNP, CCSP, CCVP, Cisco, the Cisco Certified Internetwork Expert logo, Cisco IOS, Cisco Lumin, Cisco Nexus, Cisco Press, Cisco Systems, Cisco Systems Capital, the Cisco Systems logo, Cisco Unity, Collaboration Without Limitation, Continuum, EtherFast, EtherSwitch, Event Center, Explorer, Follow Me Browsing, GainMaker, iLynx, IOS, iPhone, IronPort, the IronPort logo, Laser Link, LightStream, Linksys, MeetingPlace, MeetingPlace Chime Sound, MGX, Networkers, Networking Academy, PCNow, PIX, PowerKEY, PowerPanels, PowerTV, PowerTV (Design), PowerVu, Prisma, ProConnect, ROSA, SenderBase, SMARTnet, Spectrum Expert, StackWise, WebEx, and the WebEx logo are registered trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries.

All other trademarks mentioned in this document or website are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (0910R)