



# Product Brief - DhaaniStar™ IT Energy Savings

## Overview

Enterprises world-wide are implementing green energy strategies for cost savings and carbon footprint reduction. Dhaani Systems has the industry's only solution that reduces power consumption for a broad class of networked devices by up to 80% and guarantees a pay-back period of 12 months or less.

## Save Energy Cost

An average desktop PC, in a business environment, consumes \$100-200 per year in direct energy costs. An average enterprise workstation or server consumes \$200-400 per year in direct energy costs.

Actual measurements in customer installations have shown that the DhaaniStar appliance will usually save at least half that cost.

The power savings capability of the DhaaniStar appliance allows existing hardware to be certified "Green" without any hardware replacement. This enables IT managers to dramatically reduce the overall operating expense of their IT equipment<sup>1</sup>.

## Higher Energy Savings

The DhaaniStar is able to achieve much greater energy savings compared to alternatives because of its patented technology which uses predictive-analytics with real-time, networked control.

The result is the only solution that saves power during business hours. Because of that, the DhaaniStar is able to save 50-80% for notebooks, thin-clients, desktops, workstations and servers. Traditional approaches save only 10-20%.

## Maximizes User Satisfaction

The DhaaniStar not only delivers 3-5x greater energy savings compared to other solutions, it is the ONLY product capable of optimizing end-user satisfaction (EUS). EUS means that a computer is not turned off when a user is ready to use it. This ensures that no end-user productivity loss occurs while achieving the industry's greatest energy savings.

<sup>1</sup> An average desktop PC consumes 124W when active. The average desktop in an enterprise is used 4 hours per business day, which is approximately 1,000 hours a year. The result is 88.5% idle time, the maximum possible energy savings for an otherwise always on desktop. DhaaniStar saves between 50% and 80% compared to the potential 88.5%. At \$0.12/kWh, that produces an annual savings of between \$65K and \$104K for 1,000 average desktops, compared with \$13K to \$26K for traditional approaches.

## Easy Installation and Management

The DhaaniStar is a plug-and-play appliance that requires NO client installation, and NO policy settings, and no end-user data entry.

It can be located either in the aggregation layer of the network or in the distributed wiring closets. The appliance automatically discovers most devices in the network; the ones that are not are easily added.

The IT administrator has the option to put devices in Energy Management categories to meet any special requirements of any department or user. Once configured, the DhaaniStar manages all devices automatically without requiring any IT or user activity.

Multiple DhaaniStar appliances can be managed from a single consolidated management interface.

Energy savings reports are automatically generated for internal use or for presenting to electric utilities that offer rebates.

## Rebates

Many electric utilities offer up to a \$15 rebate per end-point device managed by the DhaaniStar appliance. Contact your electric utility company or Dhaani Systems for further information and details.

## DhaaniStar Appliance

The DhaaniStar is an out-of-band appliance that is provided in either a small footprint shelf-mounted or standard 19" 1U rack mount form factors.

The DhaaniStar supports these Operating Systems:

- Microsoft Windows (XP and later, Microsoft Server 2003 and 2008),
- Macintosh OS X
- Linux
- Others upon Request

The DhaaniStar supports these end-point devices:

- notebooks
- desktops
- workstations
- servers
- virtualized VMware vSphere/vCenter managed hosts

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