BIGFIX
An IBM Company

BigFix® Power Management

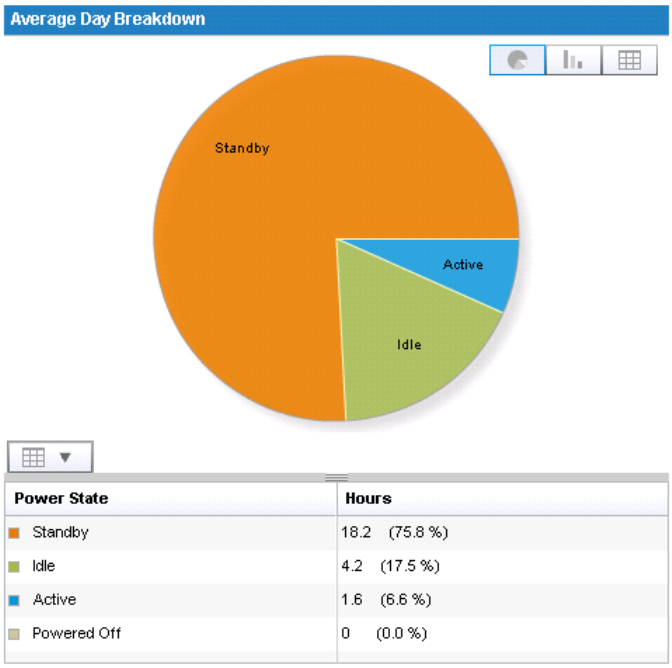
New Features

AUGUST 2010

Power Tracking Improvements

Customers can track actual time spent in idle, active, off, and standby/hibernate states for each computer in their deployment. This granular power state data enables customers to design more effective, customized power policies that are based on actual user behavior.

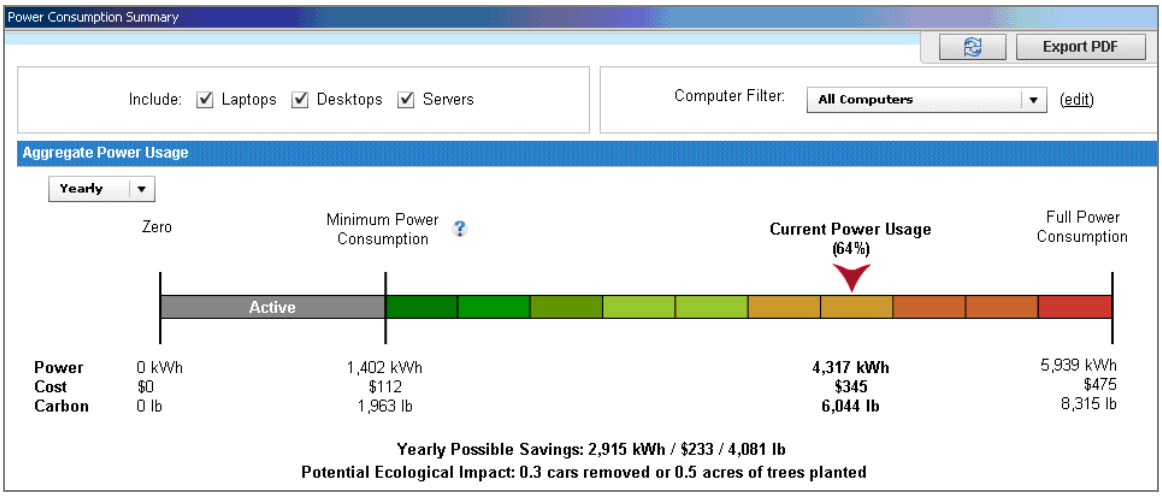
This granular data also increases the accuracy of all power consumption and savings calculations. In some cases, even the number of external monitors attached to a computer is incorporated into the calculations, to ensure accurate power consumption figures.



Power State	Hours
Standby	18.2 (75.8 %)
Idle	4.2 (17.5 %)
Active	1.6 (6.6 %)
Powered Off	0 (0.0 %)

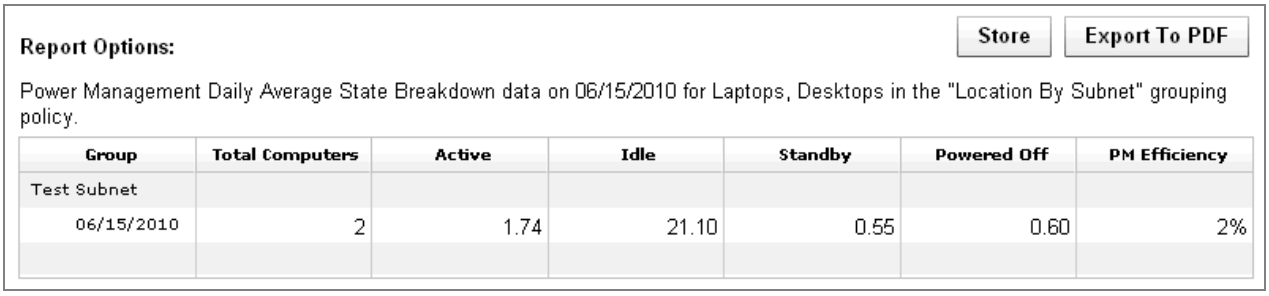
Reporting

New reports leverage the additional power tracking data now available, helping customers to make more informed decisions regarding their power management policies.



Power Management Daily Activity State Breakdown

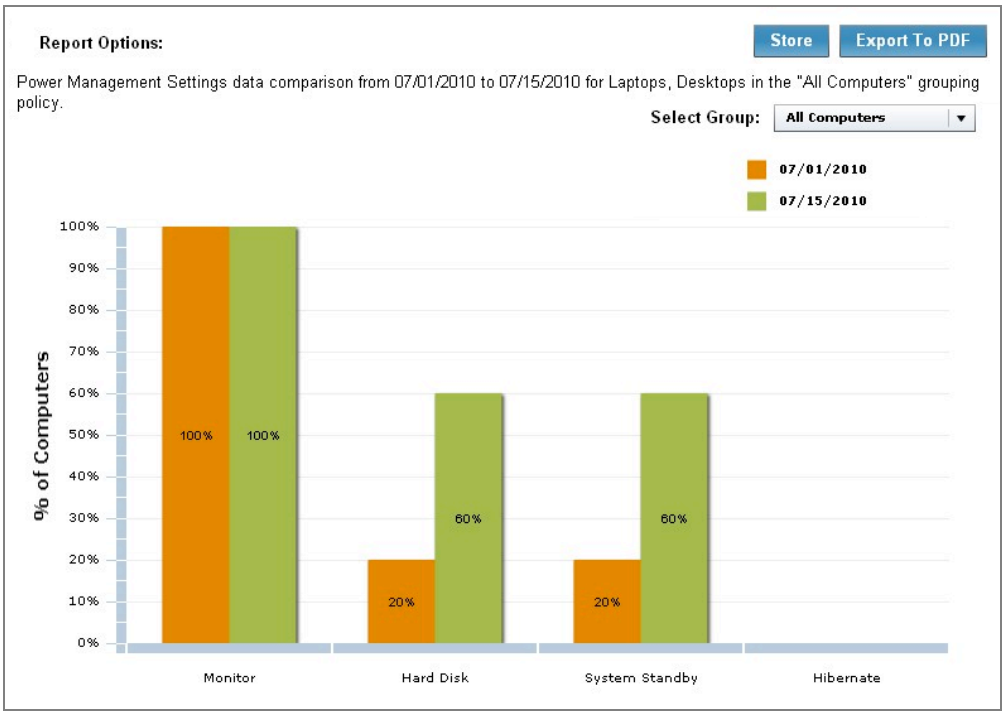
This report displays the time an average computer in the deployment spends in different power states on a specific day. This is useful for informing how you might make changes to your power policies. For instance, if many computers have high "idle" times, then setting a Standby power policy will likely save significant power. It can also be set to compare the improvements between two different days.



Group	Total Computers	Active	Idle	Standby	Powered Off	PM Efficiency
Test Subnet						
06/15/2010	2	1.74	21.10	0.55	0.60	2%

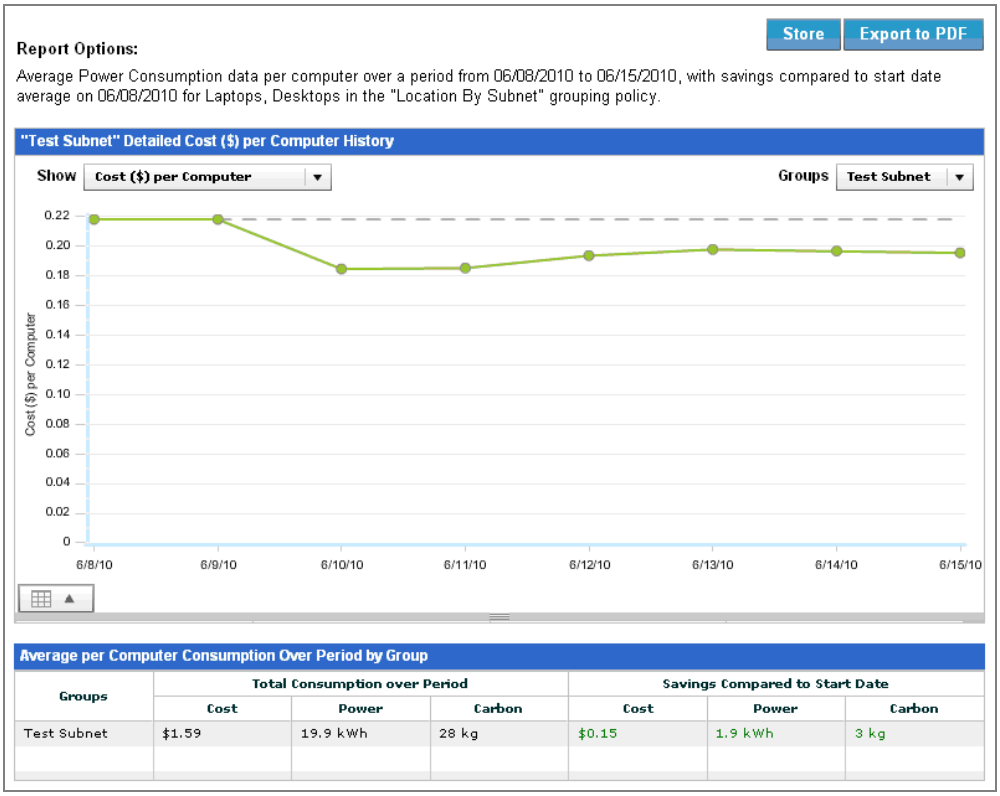
Power Management Settings

The Power Management Settings report displays the percentage of computers with power management settings enabled on a specific day. It can also be used to compare the improvements between two different dates.



Power Consumption Over Time

Power cost, carbon, and consumption can be tracked over time. Users can specify a baseline date against which savings calculations are made.



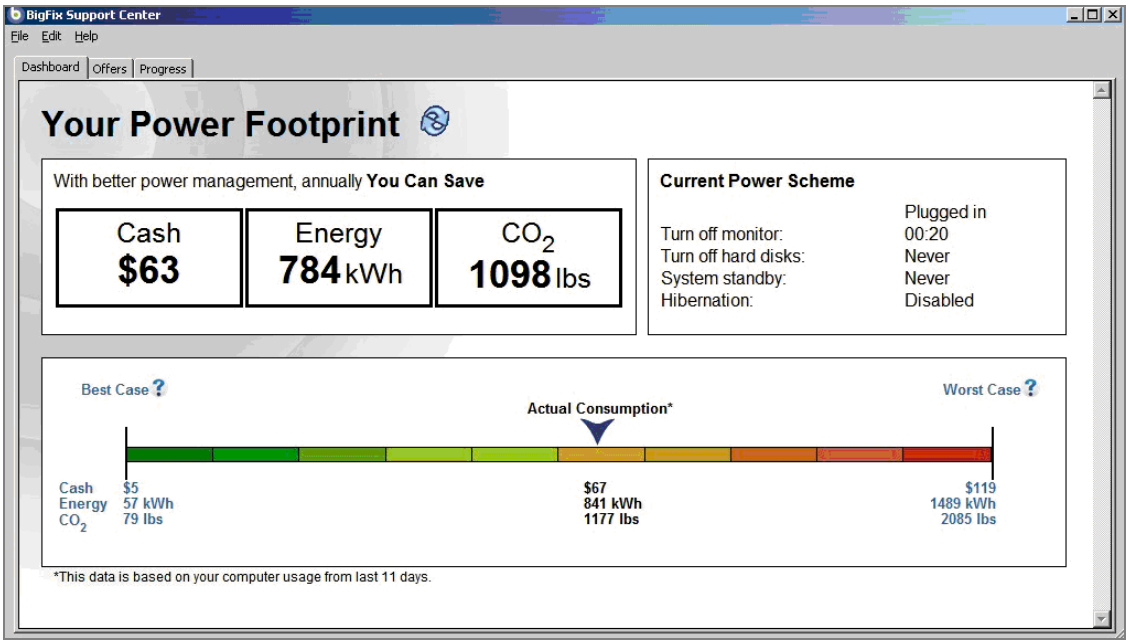
Model Power Savings

The “Model Power Savings” report displays the savings your organization would realize if certain power policies were implemented.

	Potential Standby Settings		Potential Total Savings			Potential Average Savings Per Computer		
Power Profile	System	Monitor	Power	Cost	Carbon	Power	Cost	Carbon
Minimal	Never	60 Min	-44 kWh	$-4	-62 lb	-22 kWh	$-2	-31 lb
Moderate	60 Min	30 Min	+41 kWh	+$3	+57 lb	+21 kWh	+$2	+29 lb
Aggressive	30 Min	10 Min	+51 kWh	+$4	+72 lb	+26 kWh	+$2	+36 lb

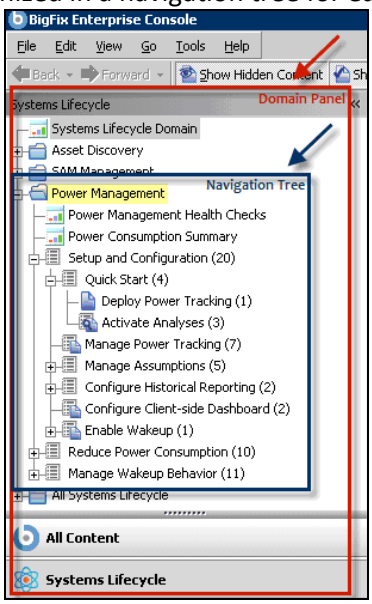
End-User Dashboard

To promote end-user engagement and buy-in to power management efforts, an out-of-the-box dashboard is available. If desired, administrators can enable the dashboard and make it available to both Windows and Mac users throughout the organization.



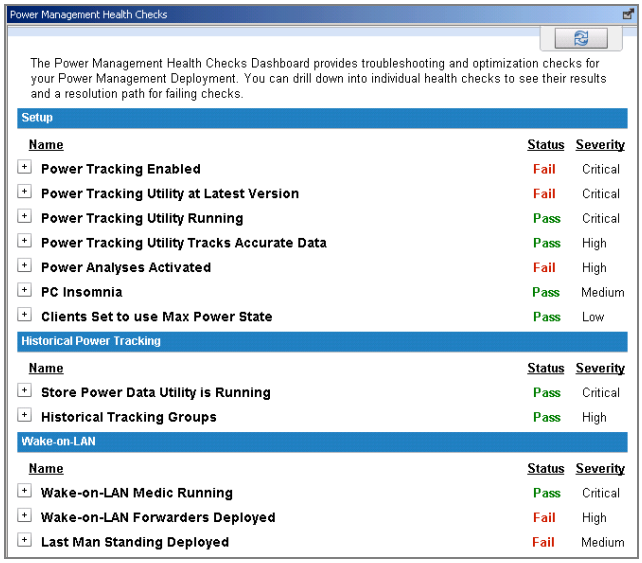
Usability Enhancements & Reduced Complexity

The new release of Power Management takes advantage of the user interface enhancements available in version 8.0 of the BigFix Platform, so dashboards and wizards have been updated to reflect a new look-and-feel, and all content is organized in a navigation tree for easy access.



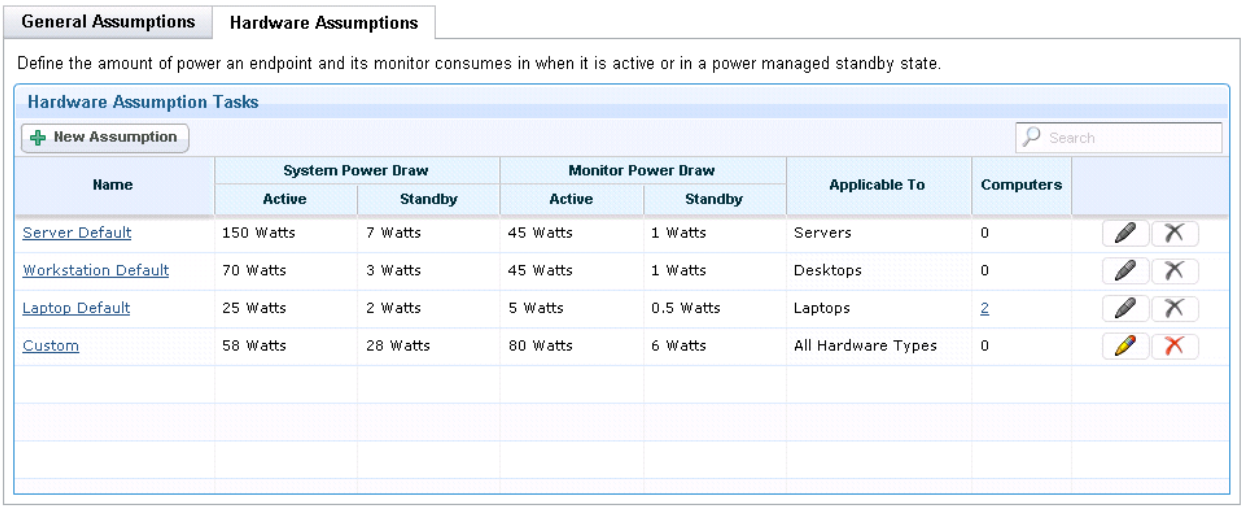
Health Checks Dashboard

A Health Checks Dashboard is included to assist with on-going product maintenance and administration. The dashboard includes content to both identity and resolve issues.



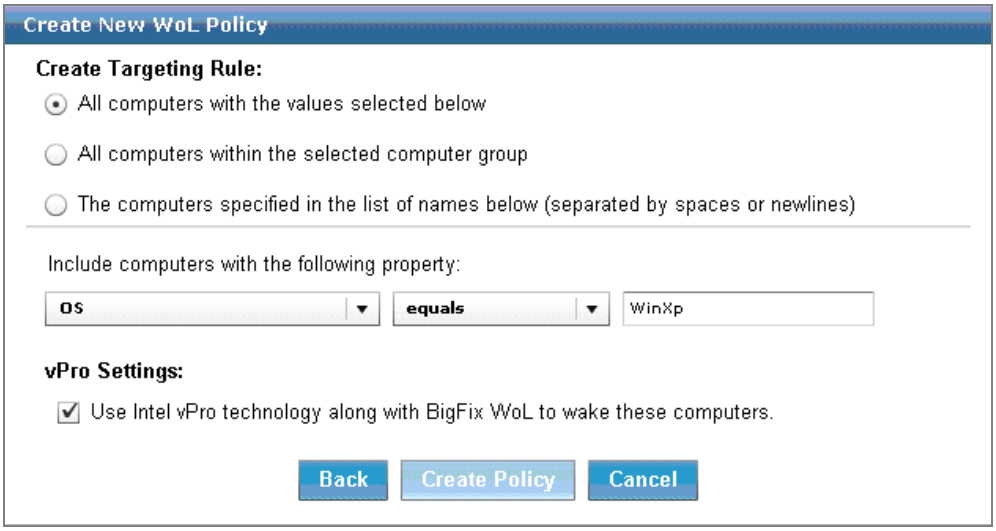
Managing Assumptions

Cost, carbon, and hardware assumptions can now be managed more easily through a “Manage Assumptions” wizard.

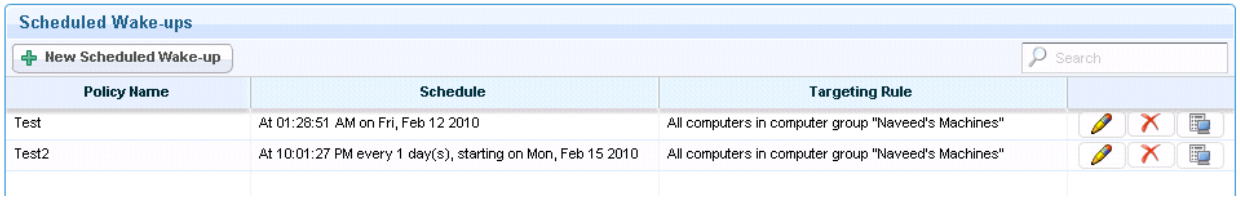


Scheduled Wake-on-LAN (WoL)

The Scheduled Wake-on-LAN wizard has been redesigned to make management, scheduling, and targeting of wake-ups much easier. Computers can be targeted by group, retrieved property, or computer name. Additionally, integration with Intel's vPro technology enables customers to use vPro WoL along with BigFix WoL.

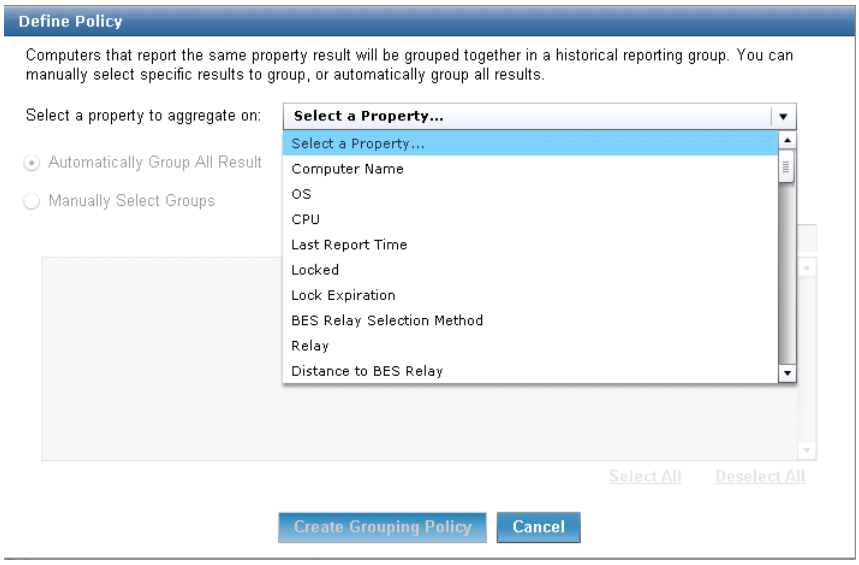


Scheduled WoL was previously action-based and used a separate utility to wake machines. In the new version, Scheduled WoL and On-Demand WoL (or right-click WoL) now use the same advanced platform mechanism to wake machines, so Scheduled WoL no longer requires an action to be run.



Historical Reporting Groups

Administrators can now create historical reporting groups using a simple wizard. They no longer have to create separate operators to track different sets of computer groups for reporting.



Last Man Standing

A wizard has been created to automate the process of selecting and designating Last Man Standing computers. This wizard is particularly helpful in organizations that have hundreds to thousands of subnets. Once Last Man Standing computers have been designated, the new Wake-on-LAN Medic will monitor these computers and automatically wake them back up if they are powered off.