BDNA

The IT Genome Company™

Customer Success Story

State of California

Executive Order S-20-04, signed by Governor Arnold Schwarzenegger, established the State of California's priority for energy and resource-efficient, high-performance buildings. The goal of the order was to support California's power conservation initiatives and reduce overall energy usage. One obvious candidate for conservation was the State's vast, power-hungry IT infrastructure, which included some 225,000 PCs, 9,500 servers, and more than 100 email systems.

Challenge

In order to effectively reduce energy consumption of its IT infrastructure, however, the State needed to know what it had, but it lacked accurate visibility of its IT assets. There was no central repository of asset information due to nearly 100 agencies and departments operating independently. And what asset information was available was based on unreliable and often incomplete surveys and manual inventories. What the State needed was a comprehensive, accurate view of its IT infrastructure, an in-depth baseline from which to drive informed decisions about policies and priorities.

Solution

After a rigorous evaluation, the State of California Office of the CIO selected BDNA, the leading provider of technology designed to help enterprises discover and eliminate IT waste and inefficiencies. The solution included Technopedia (then known as BDNA Catalog), and BDNA Discover (formerly BDNA Insight).

BDNA Discover, the industry's most comprehensive and fastest-to-deploy discovery solution, creates a trusted, complete system of record for all assets and layers of IT resources, delivering the transparency and insight necessary to measure and manage the business of IT. Technopedia is an encyclopedia of critical information of every major software and hardware product in the technology industry; it drives the discovery, normalization, and enrichment of the IT inventory discovered by BDNA Discover.

BDNA's ability to provide a single solution to gather comprehensive inventory information for servers, PCs, printers, storage equipment, and network devices was key to the State's selection of BDNA. Another important capability was BDNA's non-intrusive, agentless approach, which was well suited to gathering data across many agencies' infrastructure and locations with minimal support staff. In addition, the solution also met the State's tight deadline for completing the asset inventory.

The State used BDNA Discover to generate a detailed, accurate inventory of hardware and software across the various agencies supporting more than 180,000 State employees. Next, Technopedia, with its comprehensive power-rating data, was used to automatically match up hardware assets discovered by BDNA Discover with their energy consumption metrics. The intelligence gathered from this baseline data was then used to drive energy consumption analysis across the IT infrastructure.

Benefits

The information gathered by BDNA is providing the State of California with intelligence to inform and define its ongoing Green IT policy. The State will upgrade equipment to use lower power chips and migrate from desktop computers to laptops, producing long-term financial and environmental gains. The State of California expects to save over $40 million and reduce carbon emissions by 200,000 tons per year based on analyzing data provided by BDNA.

Although the original mission of the project was to provide an energy baseline for Green IT policies, the information gathered by BDNA facilitates other cost-saving opportunities for the State. These include:

- Standardization of hardware, software (configurations, versions, and editions), and operating systems

- Centralization of inventory control and asset management policies and processes

- Opportunity for fact-based software licensing discussions with vendors

- Enhanced security by identifying non-compliant systems and associated risks.

The added visibility into the State's IT infrastructure provided by BDNA will enable it to drive informed decisions around policies and priorities and improve operational efficiencies across all segments of the IT environment.

About BDNA

BDNA is the IT Genome Company™.

BDNA (www.bdna.com) has spent a decade mapping the Genome of Information Technology. The result is Technopedia™ – the world's first IT Genome encyclopedia, a complete collection of critical information of every major software and hardware product in the technology industry. BDNA's IT Genome Center, built around Technopedia™, enables IT organizations to sequence their own genetics to finally Know What They Are Made Of™, and eliminate IT waste. BDNA's diverse customer base includes HSBC, Lockheed Martin, Motorola, Pfizer, State of California, Telecom Italia, AstraZeneca, US Army and the World Bank. BDNA is based in Mountain View, California, with sales offices and partners throughout North America, Europe and Asia.

For more information, please visit theitgenome.com.

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