



BixData Cluster and Systems Management

**CROSS PLATFORM
MONITORING TO SIMPLIFY
COMPLEX ENVIRONMENTS**

**A FLEXIBLE APPROACH
THAT INCLUDES
AGENT-LESS OPERATION
AND REALTIME
INTELLIGENT AGENTS**

**INSTANT DEPLOYMENT
SAVES TIME INSTALLING
AND INTEGRATING INTO
EXISTING ENVIRONMENTS**

IT CHALLENGES

Businesses face numerous challenges in the data center resulting from the use of many different software and hardware technologies. Higher cost of managing heterogeneous server environments can be attributed to a multitude of factors ranging from complex environments and monitoring systems to the lack of scalable tools. The cost of training and knowledge transfer in complex environments limits the return on investment from existing solutions.

BixData solves these challenges by providing tools that simplify complex environments and presents a single suite of software that is easy to learn and manage.

COMMODITY HARDWARE AND SCALABILITY

Clusters composed of commodity hardware, usually with large attached storage, are fast becoming the preferred way of running large scale applications. Many search engines,

online web applications and scientific applications are running on commodity clusters. Even medium sized businesses require multiple servers to run their website, databases and company email.

The commoditization of server hardware and server software enables companies to build larger clusters more rapidly. This however presents a problem since there is less standardization due to fast paced product changes, shorter product availability and shorter product lifecycles.

BixData was designed from the ground up to run in mixed environments where commodity and higher end hardware is used and is certified to be compatible with most server software. Now companies can manage 1000 servers with the same ease as 2 servers. BixData scales through a set of new technologies that include our Binary XML communication system over TCP, Cross Platform Runtime and Operational Data Store.

