



Services

- Integrated view of VM's in VC console
- List installed applications on particular VM selection
- Support multiple virtualization technologies in a single dashboard
 - VMWare
 - Citrix Xen
 - Microsoft Hyper-V
- Track physical configuration and availability status
- Agent less deployment
- Auto discovery of VM's in the network
- Support for desktop VM's as well as server Vm's
- Scalable architecture
- Track OS licensing
- Template based comparison
- Remote patch management support for offline and online Vm's

Introduction

Virtualization is a key cost-saving strategy for businesses. Reduced total-cost-of-ownership, increased agility, energy efficiency are few of the primary goals of virtualization.

Aftek's Virtualization Expertise

Aftek has rich technical and solutions providing capabilities in virtualization, which has helped customers to regain control of their virtual infrastructure with unparalleled ease of its management. Aftek's aims to provide simple but effective and efficient solutions to complex and cumbersome virtualization management challenges.

Aftek's virtualization skills include

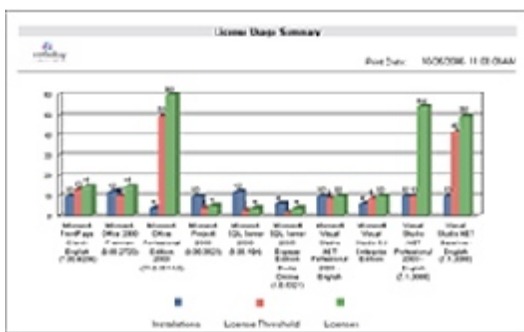
- Creation, installation and management of foundation for dynamic and automated virtual infrastructure with VMware ESX – market leading hypervisor.
- Rapid provisioning of virtual machines and monitoring performance of physical servers and virtual machines through VMware vCenter servers.
- Migration, consolidation and management of appropriate core infrastructure production workloads in virtual machines with Microsoft Virtual server.
- Live migration and centralized multi-server management at no cost with enterprise-class Citrix XenServer, cloud-proven virtualization platform that delivers the critical features.
- Discovery of online and offline VM images across the network to manage VMs from various virtualization vendors such as VMware, Microsoft and Citrix.
- Development of intelligent search engine to quickly locate desired VMs based on contents of virtual machines across the virtual infrastructure.
- Delivering data-mining capabilities by scanning and specifying level of details to be collected while scanning the images.
- Providing centralized reporting for birds-eye view of virtual infrastructure deployment with smart license tracking and compliance.
- Designing smart patch distribution console to ensure integrity and security of VMs by distributing applications and patches to multiple online or offline virtual machines.

Aftek's Virtualization Experience

VmGalaxy

vmGalaxy (www.vmgalaxy.com) is one of our satisfied customers who is engaged with us for the past 3 years. Aftek has helped vmGalaxy to serve their customers for their virtualization needs.

One of vmGalaxy's customers' setup consisted of over 400 VMs across 30 ESX servers over clusters that go across geographies. Aftek implemented a virtual infrastructure management system using Microsoft .Net based technology. It is an agent-less application that manages VMs on desktop computers as well as on virtual infrastructure from vendors such as VMware, Microsoft Virtual Server and Xen. The system keeps track of deployment data of VMs, configuration details, OS details and application usage. Smart patch distribution capability and intelligent search within VMs are additional highlights of the solution.



About Aftek

Aftek Limited is a full spectrum technology services company from India. Over last 20 years Aftek has gained significant exposure to variety of technologies. Rich technological capabilities, focused investments in Research & Development and industry exposure enables us to reach beyond the basic IT services to design and deliver projects, products and implement end-to-end solutions to customers in variety of industries. Our service spectrum covers key services as Application Development, Application Maintenance, Embedded Systems and Testing Services.

Prominent features

- Agent-less solution
- Provides single dashboard to manage VMs from various virtualization vendors such as VMware, Microsoft virtual server and Xen
- Gathers VM details
- Tracks the license usage for selected applications
- Ensures integrity and security with efficient patch management
- Provides search and filter for VM details on collected VM data
- Provides facility to group and categorize the VM in single dashboard

Performance results

Aftek's agent-less system has shown impressive performance results. Following is a sample data of scanning time for VMs on domain.

Virtual infrastructure	Quantity	Number of Vms	Scanning time for Aftek's agent-less system
VMware VCenter Server	5	250	22 minutes
VMware ESX Server	30	400	50 minutes
VMs on Workstation	40	500	75 minutes

