



"Xangati fights fire with fire."

Xangati's most recent initiative is maybe the most exciting thing to happen to network management since the MoM. The company is applying concepts from the Web 2.0 world like streaming, collaboration and user-generated content to bring network and application management into this century."

—Zeus Kerravala, SVP,
The Yankee Group



Xangati for Managing Virtualization

Xangati provides a new approach to help you **plan, monitor and manage your virtualized infrastructure**. Here are some of the aspects of the Xangati solution that make it uniquely suited to complement a bottom up management solution (e.g., VMware's vCenter) that your virtualization provider has likely bundled in with your hypervisor purchase:

- **Live, to-the-second visibility for a true understanding of what is happening on your network—right now.** The only way to see hiccups in performance is to have granularity down to-the-second for the end-user, application or server that is being addressed. Without this high-definition visibility, intermittent performance issues can be introduced and linger. They linger because traditional management solutions are primarily based on polling data which comes at intervals that are not frequent enough to capture dynamic performance changes that come and go “in the blink of an eye” in the virtual world.
- **Seamless management of both your virtual and physical infrastructures.** The Xangati solution can track anything that has a presence on an IP infrastructure, which includes IP-networked devices (e.g., hypervisors, VMs, iSCSI targets, thin clients, VoIP phones, physical servers, etc.), applications and network interfaces. For any of these elements, Xangati is aware of their application interactions with the rest of the infrastructure. The focus on interactions is essential as it shows the relationships between elements within your virtual ecosystem and between your virtual and physical domains. Only through this visibility can you see if elements on your infrastructure are communicating in the way you would expect. And because everything that is tracked is not only presented live, but has a history with it, you can monitor changes you make to show the positive effects and to ensure that nothing has been adversely affected.
- **DVR-recordings to catch and resolve hard-to-find performance issues.** In addition to presenting information live the system produces “DVR-like” recordings of any activity, so that there is full situational awareness at the time of a performance problem. This way, one does not have to wait to try to “re-create” the problem which in a virtual world can often be a futile effort. The system has three ways that DVR recordings can be triggered.
 - System user initiated: For example, a VM administrator can create a recording that shows that his VM's traffic is being slowed down on a bottlenecked WAN interface and can have a network engineer review that recording to see what adjustments can be made.
 - Event-driven: If an element is acting out of its normal profile, the system will alert an administrator of the issue and present them with a DVR-recording of what that element was doing at the time of the problem.

AWARDS



GARTNER COOL VENDOR, 2009



STARTUP TO WATCH IN 2009



TOP TECH STARTUP, 2008



IT MANAGEMENT SOFTWARE TO WATCH, 2008



INFORMATION WEEK STARTUP 50, 2009



NEW PRODUCT OF THE YEAR, 2009 FINALIST



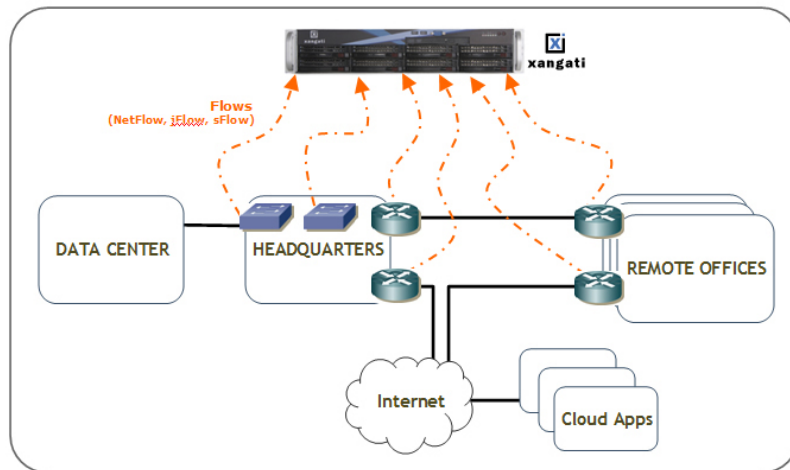
TECH STARTUP THAT MATTERS, 2007



- End-user initiated: The end-user can initiate a recording through a Visual Trouble Ticket™ portal which will capture their experience at the time that they have slow performance. This way IT has all the information they need to rapidly resolve that specific performance issue and to make sure that it is not just an isolated issue.
- **Zero-footprint—no agents, no probes for immediate visibility and an immediate ROI.** The Xangati solution gets its fuel from NetFlow which is a data feed supported by both virtual switches and physical routers/switches. NetFlow summarizes all communication that traverses the network and is pushed effortlessly to the Xangati appliance which then consumes that information in the unique ways highlighted above. In this manner, IT gets comprehensive coverage immediately upon deployment vs. the piecemeal and costly deployment scenarios that one sees with agents and probes.

Passively Collects Flow Data

Once configured the system begins to operate “out of the box” thanks to its reliance exclusively on pre-existing data sources already within your infrastructure. A primary source of information is NetFlow data or its “flow data” equivalents sFlow, cFlow, jFlow and IPFIX—there can be any combination of these processed by the same appliance. These solutions are protocols that can run natively on routers and switches and capture summary information about every IP-to-IP communication that traverses these devices. This incredibly rich information is often generated in the hardware processors of the routers/switches and can be continuously pushed to an appliance like Xangati to leverage the data. This push model allows a single Xangati appliance to passively receive data about all devices and interactions across the entire infrastructure.



For More Information

To learn more about the Xangati Application Management 2.0 solution, visit www.xangati.com to view product feature demos, watch customer videos and even take a test drive of the system.