



# xangati

## Xangati™ for ESX

### OVERVIEW

Xangati for ESX is a virtual appliance designed specifically to eliminate the blind spots that exist in VMware environments today. Xangati for ESX provides virtualization professionals live visibility into the communications activity within a VMware ESX host so problems can be solved fast and performance improved.

### BENEFITS

- Accelerates virtualization projects by reducing problem investigation and resolution time by up to 99%
  - Virtual Storage
  - Virtual Servers
  - Virtual Desktops (VDI)
- Reduces/eliminates problem re-creation time with ability to record and replay problems
- Accelerates virtualization savings by reducing barriers to virtualizing more servers, desktops and applications
- Scales with your deployment

### KEY FEATURES

- Live, video like views into ESX activity
- DVR record and replay of ESX activity
- Mapping of VMs to ESX host
- See intra-ESX communications
- See ESX and VM to physical communications including NAS, file servers, databases, end users
- Twelve weeks of historical reporting
- Consolidated views across ESX's with optional Xangati Management Dashboard

### “Live” Visibility Far Beyond Element Status

What you can't see you can't manage. Xangati for ESX is a virtual appliance providing live visibility into the otherwise invisible communications activity within a VMware ESX host. Unlike the red, green, yellow element visibility provided by tools like vCenter, Xangati provides live visibility into every communication within an ESX host – *right now* – including each resident VM. Are all VMs working? What storage is being accessed by each VM? Are the configurations correct? Which end users are accessing which VMs? How much bandwidth is being consumed?

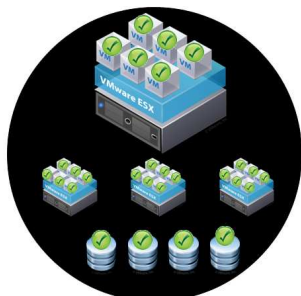
Xangati for ESX provides video like views into ESX communications so you can see what is happening *right now* – just like watching a live video feed of your favorite concert. As your infrastructure continues to become more dynamic, live visibility into what each device is doing on your network makes the difference between satisfied users and time with the family or frustrated users, wasted time trying to correlate availability with performance and project failure. With enterprises moving faster than they ever have before, you need live to-the-second “video like” visibility into your ESX communications to deliver on your expectations.

### Increase VM Density - Solve Problems Fast

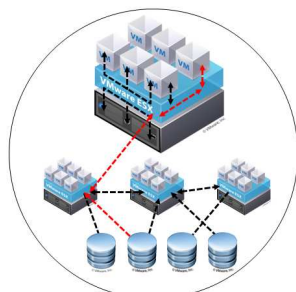
The more physical servers you can consolidate through virtualization, the more money you save. Increasing VM density however increases your risk of performance problems. Xangati provides the visibility you need to increase VM density beyond what you thought possible. With Xangati you can see every communication within the ESX host and how each of the VMs is communicating live within an ESX and out to other virtual or physical objects. This provides a true understanding of what is happening – *right now* – and the visibility to solve problems fast.

Contrast this with existing legacy tools where historical reports are the means of presenting information. Legacy tools are primarily based on polling data—meaning they look at what is happening only every ten to fifteen minutes. This leaves blind spots, and lingering performance issues, because problems come and go during these blind spots.

Instead of looking at a report of what was, look in real-time at what *is* happening. Xangati provides live visibility into an ESX and what it is doing so root causes stand out like sore thumbs you can send packing.



*Element visibility but communication blind spots with vCenter*



*Full communications visibility with Xangati to improve performance*

## Virtualize More Applications

One major obstacle to virtualizing more applications is the lack of visibility into how an application performs once virtualized. Xangati removes this obstacle and tells you what VMs communicate with to do their work. What storage is that virtualized application using, how much bandwidth is it consuming and how many people are using it right now? Only through live visibility can you see if elements on your infrastructure are communicating in the way you would expect – and delivering the performance you demand. And, because everything is tracked and presented live is also stored, you have a history to monitor changes against, show the positive effects of changes and ensure no adverse impacts.

## Mitigate Risk

Easy to implement, easy to use, easy to avoid pitfalls others have fallen into. Xangati doesn't need expensive agents or probes and implements in under 30 minutes – not weeks or months. Xangati offers DVR capabilities to record and replay communications – meaning you may never have to spend time re-creating a problem again. When a problem does occur, Xangati will show you what's happening and causing that problem fast – so you can resolve it and get back to business quickly.

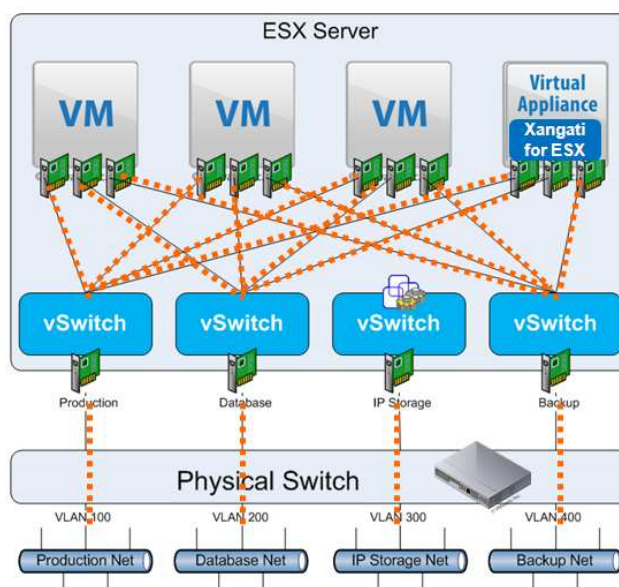
Below are some common issues Xangati has uncovered on its first day of deployment:

- Unscheduled back-ups dragging down the performance of a virtual Exchange server

- Misconfigured VLAN sending non-secure iSCSI traffic into secure areas
- Server clusters not being properly load-balanced
- YouTube traffic affecting the user experience of VDI pilot users

## How it Works

Xangati for ESX is deployed as a virtual appliance, providing visibility into all communications of its ESX host including each VM and all physical communications traversing that ESX. Xangati uses summarized communication flows obtained from the vSwitch in the ESX which it processes and analyzes in real-time to provide its unique live views.



*Deployed as a virtual appliance, Xangati for ESX shows all virtual to virtual and virtual to physical communications for an ESX.*

## Evaluate Xangati Today

Xangati develops virtual management software for today's virtual world. Xangati provides live, video-like visibility into the performance of each and every application, server, network, IP storage target and end-user device without agents or probes. This live visibility eliminates blind spots left by existing management tools and accelerates savings from virtualization initiatives. For more information visit <http://www.xangati.com/> [www.xangati.com](http://www.xangati.com) to view product feature demos, watch customer videos and even take a test drive of the system.

### SYSTEM REQUIREMENTS

- 1 vCPU
- 20 GB disk
- 1 GB RAM