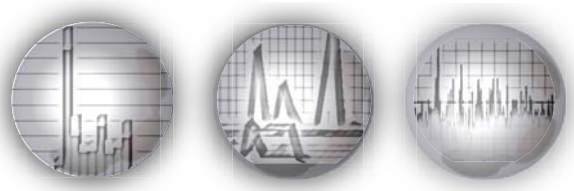
TOTAL VIEW ONE in a **VMware Environment**



Understanding Network Traffic is Critical to the Health of a Virtualized Environment

TOTAL VIEW ONE eliminates the guesswork:

Just as IT organizations are beginning to understand how revolutionary virtualization is going to be for their IT costs, they are also beginning to see the sheer complexity of the technology.

When provisioning machines is no longer constrained by physical realities, the potential for unchecked proliferation and fragmentation of systems is endless.

That is why at this stage of the technology's lifecycle, organizations need to gather information and, more importantly, understand what the collected information means. Virtualization is becoming increasingly core to IT systems management, and poor decisions today could have repercussions for years.

Monitoring with Connection Based Tracking

Connection Based Tracking is a technology that provides a depth of visibility into the network that directly improves performance and security and compliance. TOTAL VIEW ONE is the leader in Connection Based Tracking technology and is more than just a NetFlow or network analysis tool; it provides an easy to use, comprehensive view of the data traversing the network and reports on all network activity in real-time for organizations of all sizes.

The benefits of TOTAL VIEW ONE are realized across many facets of a virtualization strategy including test and development, server consolidation, business continuity, security, logging and regulatory compliance.

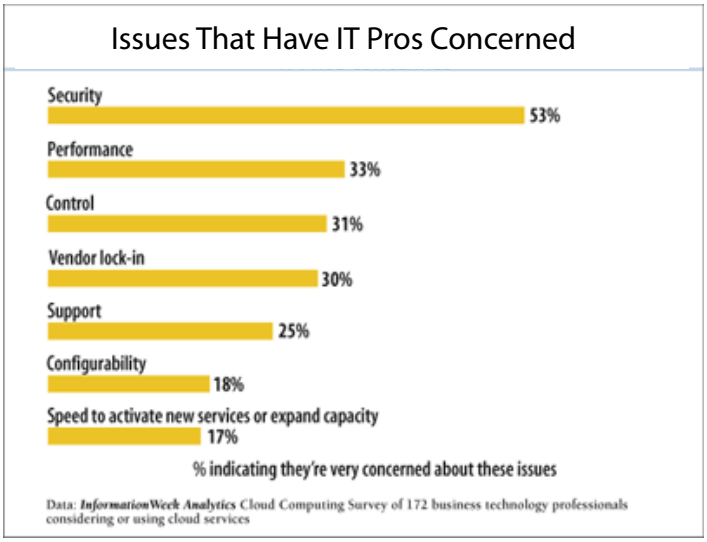
Here are just a few examples of the benefits of using TOTAL VIEW ONE:

- Workflow Analysis: By monitoring network activity to show peak system utilization, you can reduce OPEX by moving some processes outside peak utility rate hours (i.e. snapshotting and staging virtual system images across network connections can be done at night or on weekends.)
- Track network usage by user/location to aid in chargeback models
- Monitor bandwidth and connection loads anywhere in a network
- Identify Virtual Machines and services consuming excessive bandwidth
- Baseline virtual networks to identify anomalous and irregular traffic
- Track all denied access attempts to restricted assets
- Detect collapsed networks and applications
- Pinpoint network and application performance issues
- Ensure Regulatory & Corporate policy compliance (PCI, SOX, HIPAA)

Virtualized Network Infrastructure Management

A major aspect of running a virtualized environment is managing the traffic. Knowing the bandwidth and connection loads on a network and to each virtualized server is critical to ensuring your business IT is running smoothly. Specific network areas impacted by creating a virtualized environment include:

- Security
- Performance
- MAC address changes
- VM sprawl
- IP based storage (FC, iSCSI, NAS)
- Increased VLAN usage
- NIC bonding and load balancing



In most cases, network administrators have difficulty understanding their true network requirements and even more difficulty identifying performance and security issues. TOTAL VIEW ONE provides the intelligence to diagnose and address the challenges of virtualized environments and ensure they are optimally configured.

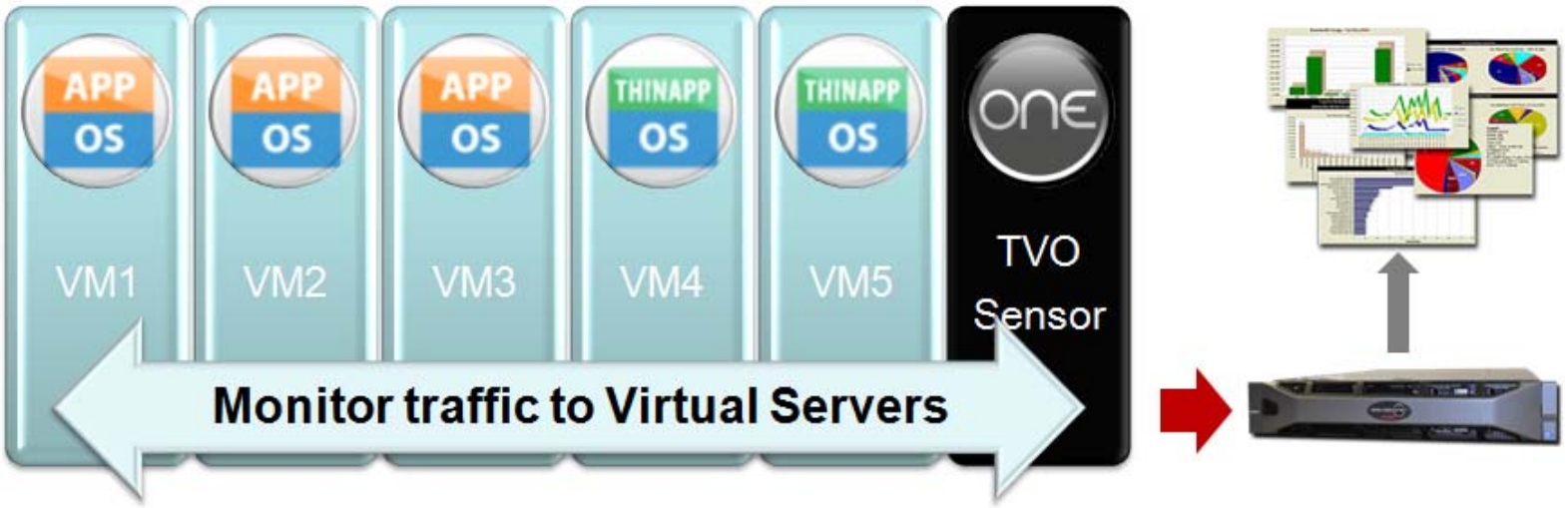
PresiNET & VMware™

A comprehensive virtualization strategy includes analyzing and managing network aggregation to servers and storage (FC, iSCSI, NAS). In fact, IDC predicts HALF of virtualized servers will be attached to iSCSI which all but guarantees the use of network based IP storage and the challenges associated with this. With this in mind, use PresiNET's TOTAL VIEW ONE on your virtualization network infrastructure to:

- Ensure available network capacity
- Get reports on load capacity vs. usage
- See historical and real-time reporting
- Define thresholds and generate alarms
- Compare pre- and post- virtualization network traffic analysis to ensure your network infrastructure supports your virtualization strategy

Monitoring VMware

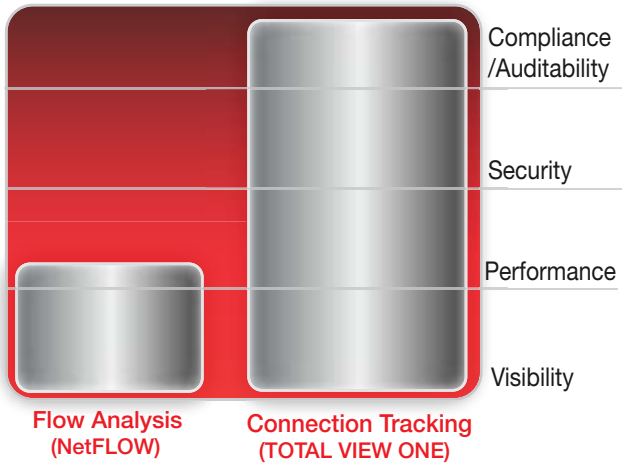
A Virtual TOTAL VIEW ONE sensor is installed on a VMware implementation which monitors all traffic going to and from the VMware Virtual Servers. The analysed connection data is sent to a TOTAL VIEW ONE server for further analysis, and display.



Why use TOTAL VIEW ONE

TOTAL VIEW ONE is the only technology to leverage Connection Based Tracking, Deep Packet Inspection and Historical Analysis to directly benefit Security, Performance and Compliance.

- Tracks 100% of all connections (no sampling)
- Only one to track the "State" of connections
  - identify anomalous traffic
  - collapsed connections
  - unresponded and denied connections
- Performance analysis on ALL connections
- Layer 7 detection
- Behavioral analysis and trending
- Load balanced traffic consolidation
- Digitally signed and encryped logs



Summary

Connection Based Tracking is not a one-time investment to solve a single problem or set of problems. Instead, it is a solution that will stretch across a continuum of customer requirements. Early adoption of Connection Based Tracking has largely been a solution aimed at network and user optimization, but is broadening significantly to include deployments and lifecycle management of virtualized environments.

TOTAL VIEW ONE is the leader in Connection Based Tracking and provides the intelligence you need to easily view and understand the traffic running on your network, enabling effective management, security, performance, and regulatory compliance in a virtualized environment.