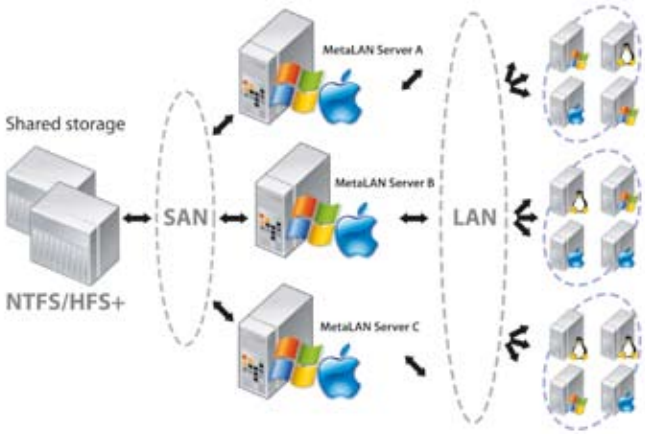
metaLAN

Improve LAN connectivity
with a cluster of servers

metaLAN represents an affordable and efficient way to connect LAN clients to a centralized shared storage. By leveraging your **metaLAN Server**, **metaSAN**, or **metaSAN iSCSI** servers, **metaLAN** delivers substantial benefits over a regular LAN share, including block-level access, automatic load balancing, transparent failover, client bandwidth usage control, and easy cross-platform integration between Mac, Windows, and Linux clients.

With **metaLAN**, your shared storage mounts as a local drive instead of a network connection. You benefit from block-level access over a regular TCP/IP connection, be it Gigabit Ethernet or InfiniBand. **metaLAN** also provides the cross-platform file-system translation technology required to enable your Mac, Windows, and Linux clients to connect to your shared volume.



Any number of **metaLAN** clients can connect to a single server, or a cluster of servers. A single server can be used as an alternative to a conventional NAS appliance while multiple servers can easily participate in a SAN cluster. A cluster offers the added benefits of virtualizing the shared storage thereby eliminating hotspots and I/O bottlenecks in addition to aggregating the total bandwidth of the individual servers for increased LAN performances.

metaLAN clients establish a dynamic, yet persistent connection with one of the available servers. Overall efficiency of your network is improved as the load from multiple clients is equally and dynamically distributed among the servers that are participating in the cluster. If a server fails, its client connections are automatically and transparently re-distributed among the remaining servers. You can therefore easily add/or remove servers, or clients without disrupting applications or service.

metaLAN is extremely easy to setup and does not require complex network protocols such as AFP, SMB, or CIFS to be installed and configured. Centralized management of client licenses greatly simplifies the deployment and maintenance of **metaLAN** in your facility. Authorized Windows, Mac, or Linux clients can mount the shared storage as long as there are licenses left in the pool. There is no need to activate **metaLAN** software on individual machines. You build your shared storage using off-the-shelf storage and networking components, such as Fibre Channel, SAS, or iSCSI. **metaLAN** also supports link aggregation (IEEE 802.3ad) to further increase the throughput available to LAN clients.

metaLAN is ideal for enterprises looking for a cost-effective way to centralize their assets without the performance bottlenecks and lack of scalability associated with conventional NAS file servers. **metaLAN** is also particularly well suited for render farms and rich-media environments. Bandwidth control lets you ensure a fair utilization of the available network resources so you can reserve or limit how much bandwidth each client gets. **metaLAN** is also compatible with standard applications, including Adobe Production Studio and Apple Final Cut Pro. In addition, the unique virtualization for Avid® feature enables sharing of media files among multiple users of Avid® software on Windows platforms for efficient workgroup collaboration.

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FEATURES	metaLAN	Other LAN/NAS management software
Heterogeneous operating system support	**Yes** – Windows, Mac OS X, and Linux users can share content and collaborate efficiently.	**Ask**
Automatic load balancing	**Yes** – combines the throughput of individual SAN servers participating in the cluster. Eliminates hotspots and I/O bottlenecks.	**Ask**
Transparent failover	**Yes** – if a server fails, its client connections are automatically redistributed among remaining cluster members.	**Ask**
Direct block-level disk access	**Yes** – mounts remote volumes as logical drives (as opposed to network shares) with direct block-level disk access to ensure efficient use of LAN bandwidth.	**Ask**
Complete integration with standard IT management tools	**Yes** – native NTFS or HFS+ file system simplifies maintenance and troubleshooting. Supports volumes up to 18 exabytes in size. Native OS access rights management means there is no need to manage additional accounts and passwords.	**Ask**
Centralized license scheme	**Yes** – metaLAN licenses are not tied to any specific machine or OS. Authorized Windows, Mac, or Linux clients can mount the shared storage as long as there are licenses left in the pool.	**Ask**
Save on Microsoft Client Access Licenses (CALs)	**Yes** – metaLAN is a client software that uses TCPI/IP socket connections and does not require Microsoft Windows Server nor CALs as it doesn't use standard network file protocol such as AFP, SMB or CIFS. Does not require Mac OS Server license either.	**Ask**
Per-node bandwidth usage control	**Yes** – bandwidth reservation and bandwidth quota for each client computer allows for a fair and optimal distribution of the available network bandwidth.	**Ask**
Soft zoning	**Yes** – enables the shared storage to be partitioned in a number of zones that permit the compartmentalization of data for increased security.	**Ask**
Virtualization for Avid®	**Yes** – Enables sharing of media files among multiple users of Avid® software on Windows platforms for efficient workgroup collaboration.	**Ask**
24/7 mission-critical ready	**Yes** – innovative multi-point gateway technology eliminates single-point server dependencies by providing persistent shared storage connection and transparent failover.	**Ask**
Affordable, time tested, field proven technology	**Yes** – thousands of users worldwide are already relying on Tiger Technology for their daily operations	**Ask**

metaSAN and metaSAN iSCSI can participate in a SAN as client or server workstations, metaLAN Server software can only be used as server for metaLAN clients (i.e. the metaLAN Server workstation does not have direct access to the SAN storage).

metaLAN represents a better alternative to traditional network shares. metaSAN, metaSAN iSCSI, metaLAN Server and metaLAN software are sold through a worldwide network of authorized Tiger Technology Resellers. These value-added Resellers can provide pre-sales consultancy, integration services as well as post-sales support.

Tiger Technology

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Tiger Technology is an innovative company focusing on providing new technologies in the field of networked shared storage.
Tiger Technology distributes its software products through OEM and a select reseller channel worldwide.

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