

# Omneon ContentBridge

**Omneon MediaGrid™ is a highly scalable content storage system that plays an active part in the broadcast workflow. More than just high-performance shared storage for all users within a facility, MediaGrid constantly adapts to the changing resiliency and bandwidth requirements of the broadcast workflow and can actively process stored media. The ContentBridge component of MediaGrid provides open access for clients over standard file system protocols such as FTP, AFP, NFS, and CIFS (Samba mount).**

## FLEXIBLE

For direct access to the MediaGrid file system, client software is available for a number of operating systems including Windows, Linux, Mac OS X and Solaris. For customers running other operating systems, the ContentBridge provides an open interface to allow access to the MediaGrid file system.

Non-native clients can access the MediaGrid file system through a ContentBridge using standard network file system protocols. In response to a client file access request, the ContentBridge interacts with ContentDirectors to complete the necessary operations before forwarding the result back to the client. For example, in the case of a read operation, the ContentBridge will compile file data together before presenting the complete file to the client.

The Omneon ContentBridge is an intelligent I/O device with two 1GigE ports. The ContentBridge mounts the MediaGrid file system, and exports data to clients over FTP and NFS, CIFS (SAMBA) and AFP file system protocols.

The following popular file system protocols are supported for access:

- FTP (RFC 959)
- CIFS (RFC 1002 / SNIA CIFS TP 1.0)
- AFP 3.1

## SECURE

All clients accessing MediaGrid are authenticated to prevent unauthorized access. Furthermore, content access is validated against robust access control lists to ensure content is protected from unauthorized use.

Each ContentBridge can support several clients accessing data simultaneously. For redundancy, additional ContentBridges can be added without interrupting any system operations.



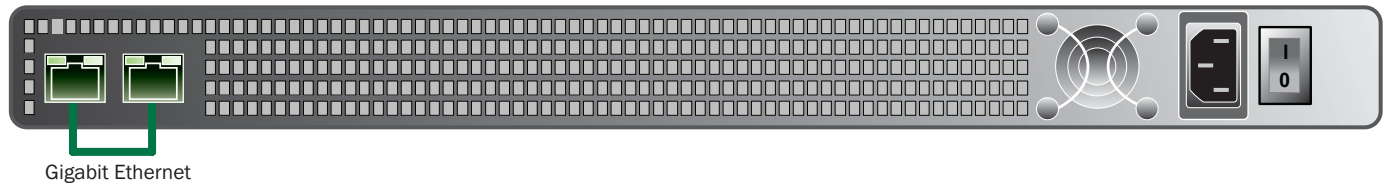
## › BENEFITS

- Simplified client connectivity for access to MediaGrid file system
- Flexible multiprotocol client support for most commonly used file system protocols
- Authentication and file permissions ensures only secure content access
- Quick and simple addition of a ContentBridge can be accomplished while the system is online

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## Omneon ContentBridge



*The Omneon ContentBridge includes dual Gigabit Ethernet ports used for network connectivity and communications with the ContentDirectors and ContentServers. ContentBridge allows clients to access MediaGrid over standard file system protocols such as FTP, AFP, NFS and CIFS (samba mount).*

Specifications	
<b>Capacity:</b>	2x Gigabit Ethernet ports
<b>Cache:</b>	1 GB
<b>Power Supply:</b>	Single power supply
<b>Field Replaceable Units:</b>	ContentBridge

 For an Online Demo, Visit Demos on Demand™

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