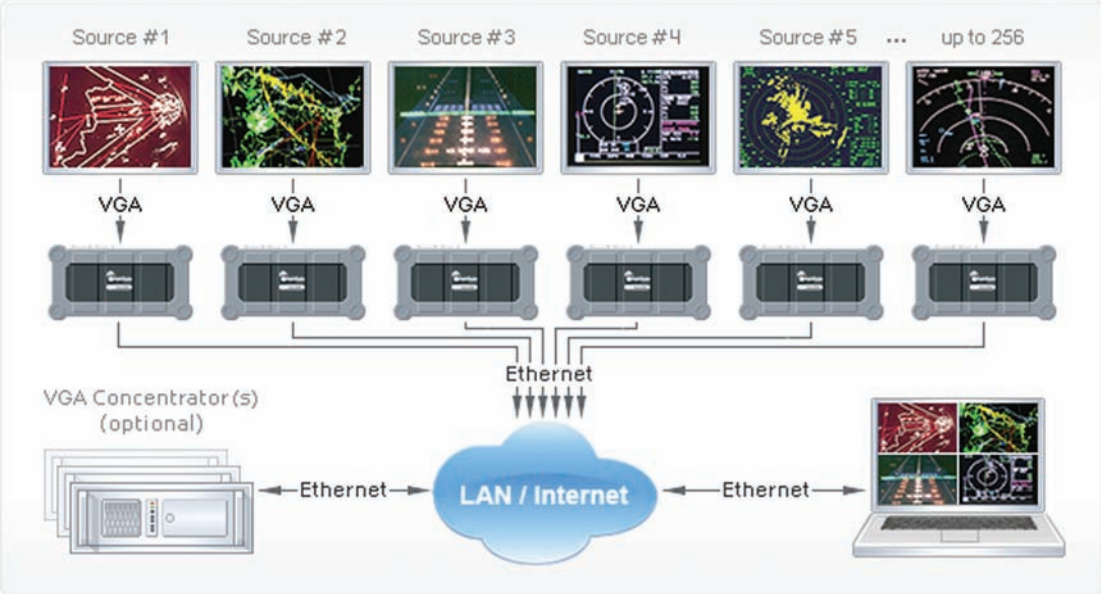
epiphan
SYSTEMS INC.


# VGA Grid


VGA Grid is a unique solution for relaying the signal from multiple monitors onto a single control panel. It is a highly configurable yet simple to use device for monitoring up to 256 VGA sources in real-time, all through a convenient web interface that lets you view the output of all VGA sources on one screen, zoom in on a single VGA signal, and even archive and save the VGA output.

VGA Grid works over LAN or Internet, meaning that as long as the VGA Grid devices are able to establish a connection with the VGA Bridge gateway, having remote access to any of your VGA monitors is just a click away.

## VGA Grid Connection Diagram




A VGA Grid device must be connected to the VGA output of each VGA source being monitored via a standard VGA cable. The VGA Grid devices are then connected to either a LAN or the Internet via a standard RJ45 Ethernet connector. Each VGA Grid device digitizes and compresses the analog VGA video signal and sends it over Ethernet to the VGA Bridge Gateway, which acts as a server and concentrator for up to 256 digitized VGA signals.

The user is able to monitor the VGA Grid outputs from any computer that is either connected to the Internet or LAN simply by logging in through a web browser. All VGA outputs can be viewed synchronously on a single screen. Each of the outputs may also be viewed individually in full screen mode.

Update rates vary from 1 frame per minute to 30 frames per second, and depend on the configuration and the bandwidth allocated for each VGA Grid and the VGA Bridge Gateway.

epiphan SYSTEMS INC.

www.epiphan.com
e-mail: info@epiphan.com

555 Legget Drive
Tower A, Suite 101
Ottawa, Ontario, Canada
K2K 2X3
Phone: + 1 (877) 599-6581
+ 1 (613) 599-6581
Fax: + 1 (613) 482-4613