



**MOVE AT THE SPEED OF BUSINESS.**

aCELERA VA DATASHEET

# **VIRTUAL WAN OPTIMIZATION CONTROLLERS**

**aCelera VA Virtual WAN Optimization Controllers accelerate applications, speed data transfers and reduce bandwidth costs using a combination of application, network and protocol optimization.**

Available for industry-leading hypervisors, aCelera™ VA virtual WAN optimization controllers accelerate data transfer and improve performance of business-critical applications. aCelera VA greatly improves bandwidth utilization, allowing businesses to reduce costs or increase ROI by doing more with less. Leveraging stream-based differencing, application blueprints, single-instance store, traffic prioritization and network, application and TCP optimizations, aCelera VA virtual appliances and software clients cost-effectively deliver LAN-like performance between any cloud data center, branch or user.

Array's aCelera VA delivers superior acceleration, the ability to scale seamlessly, flexible virtual and software options for data center, cloud and remote environments, comprehensive centralized management and integration with 3rd party management systems, end-to-end security and pricing that is 30-50% less expensive versus rival solutions – enabling greater ROI in less time.

aCelera VA virtual WAN optimization appliances include all features and software modules found on Array's aCelera dedicated appliances.

# Highlights & Benefits



- Improve application response times by up to 50x while reducing bandwidth utilization by up to 95%
- Supports 50% more accelerated connections as compared to competing solutions at significantly less cost, delivering ROI in extremely short timeframes
- Purpose-built to reduce the impact of network congestion, latency and packet loss that combine to slow end-user response times and the transfer of data
- Application-specific blueprints and specific protocol optimizations eliminate redundant and chatty traffic
- Stream-based differencing for eliminating the transmission of content previously received in local data stores
- Compression for reducing the amount of data transmitted over wide-area connections
- Integrated automated failover for high availability in business-critical environments
- Window resizing, persistent connections and small packet aggregation for dramatically improved TCP performance
- Integrated QoS, traffic shaping and SSL for optimizing, prioritizing and securing traffic in your network
- Deliver cost-effective, seamless audio and video using QoS to guarantee bandwidth and prevent jitter and latency from impacting audio, video and VoIP apps
- Future-proof deployment in data centers, clouds, remote locations and remote/mobile users – or any combination
- Simplified management of virtual and physical appliances via transparent addressing, statistical performance dashboards, comprehensive reporting, and auto discovery
- Centralized provisioning, Web services integration with 3rd party management tools or integration with virtualization management systems

## Specifications

### Server Hardware

- Certified to run on VMware ESX or ESXi
- Certified for Windows Server 2008R2

### 64-bit CPU

- Intel CPUs with VT (virtualization technology)
- AMD CPUs with AMD-V support

### Network Interface Card

- 1 available Ethernet interface for out-of-line deployments
- 2 available Ethernet interfaces for inline deployments

### Hardware

- 2 GB RAM; 30 GB free disk space