



The Network Functions Platform Company



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Array Networks develops purpose-built systems for deploying virtual networking and security functions with guaranteed performance. Proven around the world, Array is recognized by leading enterprises and service providers for next-generation technology that delivers agility at scale.



Host Array application delivery virtual appliances, or host virtual appliances from best-of-breed networking and security vendors; the choice is yours. With Array's virtualized hardware environment and a growing ecosystem of platform partners, businesses can finally reconcile their desire for agility with their need for performance.

Delivering Agility at Scale

Data centers continue to grow in complexity and expectations, with networking and security professionals looking for ways to gain agility through software-centric approaches. However, many still rely on hardware to meet the requirements of business-critical operations.

The competing imperatives force a trade-off – opt for agility and face significant expense and complexity for guaranteed performance, or opt for dedicated hardware appliances and sacrifice agility. IT leadership is faced with an unfair choice that pits one imperative against another and constrains their ability to achieve business objectives.

Array Networks is pioneering an innovative approach to eliminating this compromise. Our Network Functions Platform combines the best attributes of dedicated hardware, virtualization and software-centric computing to create an environment that provides guaranteed performance for virtual networking and security functions.

In other words, Array is enabling agility-at-scale.

Organizations can transition to an agile approach, without sacrificing the performance needed for business-critical applications. Racks of legacy gear can be consolidated to reduce space, power and cooling costs. Services can be provisioned on-demand with guaranteed SLAs. Security need not compromise the user experience.

AVX Series Network Functions Platform



AVX3600



AVX7600



AVX10650

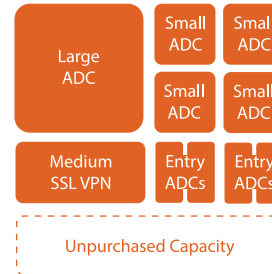
Agility of Cloud & Virtualization

Flexible Size Options

Mix and match up to 32 entry,
16 small, 8 medium
or 4 large VMs

Pay-As-You-Go Capacity

Available in 1/4 capacity
increments; purchase what you
need as needed



Multiple Network Functions

Deploy Array ADC and
SSL VPN, as well 3rd-party
networking and security functions

Management Integration



Full Resource Segregation

Dedicated resources for hypervisor
management eliminates
VM contention

Hypervisor Management



Guaranteed Performance

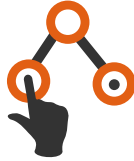
Dedicated CPU, SSL, RAM and
I/O per VM for guaranteed
application performance

Performance of Dedicated Appliances

Top 5 Reasons to Choose Array's Network Functions Platform

1 Software-Centric Agility

Gain the flexibility of private cloud virtualized infrastructure, with flexible sizing, functions, orchestration and pay-as-you-go consumption.



2 3rd-Party Ecosystem

Host Array application delivery virtual appliances, or virtual appliances from best-of-breed networking and security vendors.



3 Superior Economics & Value

Reduce costs associated with space, power and cooling, drive efficiency through orchestration and minimize reliance on costly hardware.



4 Guaranteed Performance

Reserved CPU, memory, SSL and physical interfaces per VM deliver both superior performance and guaranteed performance.



5 Streamlined Path to NVF

Abstract complexity associated with virtual and physical port mapping, CPU pinning, NUMA boundary settings, SR-IOV and drivers.



Certified Platform Ready

AVX Series Network Functions Platforms are capable of hosting virtual appliances (VA) and virtualized network functions (VNF) developed by Array Networks as well as third-party networking and security vendors. Our growing ecosystem of Certified Platform Ready third-party vendors ensures functions are tested and validated for optimal performance. As an open platform, the AVX Series may also be used to host any KVM-based virtual appliance including popular open source networking and security solutions.

FORTINET

POSITIVE
TECHNOLOGIES

NSFOCUS



For our competitors who offer only virtual ADCs, SSL processing can be a big problem. Using Array hardware to support load balancing-as-a-service, SoftLayer can assure both scalability and performance.

WILL THARP, NETWORK SERVICES MANAGER, IBM/SOFTLAYER

App Delivery & Security Ecosystem Functions

AVAILABILITY	PERFORMANCE	SECURITY
Server Load Balancing	Caching	Web Application Firewall
Global Server Load Balancing	Compression	Next-Generation Firewall
Link Load Balancing	SSL Acceleration	SSL VPN Remote Access
Traffic Management	WAN Optimization	SSL Intercept
Customized Scripting	Traffic Shaping	DDoS Protection



For App Delivery

Many data centers are home to a fleet of traditional hardware load balancers. These products typically deliver a high degree of performance; however, they are also inflexible and can incur significant expense in terms of space, power and cooling.

Array takes a more efficient approach. Consuming just two rack units, our platform hosts up to 32 load balancing virtual appliances, each delivering guaranteed performance equivalent to a one rack unit hardware load balancer.



For MSPs

MSPs face competing imperatives. Opt for the agility of virtualized environments and face significant complexity and expense for performance; opt for hardware appliances and sacrifice the agility needed for on-demand services.

Array eliminates this trade-off. Our purpose-built service creation platform reserves hardware resources for each hosted function, ensuring that best-of-breed networking and security virtual appliances operate at peak levels.



For Security

If security appliances do not have visibility to traffic, they are not effective; conversely, if tasked with decryption to provide visibility, system performance can decrease significantly.

Array's platform intercepts encryption from hosted security virtual appliances. Decrypted traffic may be routed to interconnected security services and re-encrypted prior to transport – providing an ideal combination of performance, security and agility.

Over 5000 Worldwide Satisfied Customers

SOFTLAYER®
an IBM Company



Humana.



BINGHAMTON
UNIVERSITY
STATE UNIVERSITY OF NEW YORK

HITACHI



eClinicalWorks

City of
SANTA BARBARA



LACCD

ORACLE®



Lbrands



amdocs



DELTA DENTAL®



atmosera®

Flexible Deployment Models

Array's ADC, SSL VPN and WAN optimization solutions support a full range of networking and security deployment models, from utility consumption at leading public cloud providers, to virtual appliances with broad hypervisor support, to our AVX Series Network Functions Platform, to dedicated hardware appliances powered by our SpeedCore® multi-processing technology for the ultimate in performance and scalability.

Public Cloud



Private Cloud



Dedicated Appliance



APV Series / vAPV

Application Delivery Controllers



An essential networking element responsible for the availability, scalability, performance, control and security of applications, Web sites, ecommerce transactions and cloud services

Integrates load balancing, SSL acceleration, caching, compression, application security, L7 scripting and other key networking functions

Achieves ROI by improving application performance and server efficiency

AG Series / vxAG

Secure Access Gateways



Provides secure access to business applications and resources from any remote or mobile device for any user anywhere

Integrates SSL encryption, L3 - L7 access, AAA, end-point and server-side security, single sign-on, dual-factor authentication and an SDK for developing mobile apps with built-in secure access

Achieves ROI by increasing productivity and mitigating business disruptions

aCelera / VA

WAN Optimization Controllers



Mitigates the effects of network congestion and low-bandwidth connections to improve application performance and data transfer rates over wide area networks

Integrates de-duplication, compression, caching, application blueprints, traffic shaping, SSL security and performance monitoring

Achieves ROI by reducing application latency and improving bandwidth utilization

Array Networks Company Snapshot

FOUNDED:

2000

HEADQUARTERS:

Milpitas, CA, USA

EMPLOYEES:

250+

MARKET:

Network Functions
Virtualization (NFV)

PRODUCTS:

Network Functions Platforms,
ADC, SSL VPN and WAN
Optimization

SEGMENTS:

Enterprise, Service
Provider, Public Sector

TECHNOLOGY:

30+ Patents

CUSTOMERS:

5000+ Worldwide



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