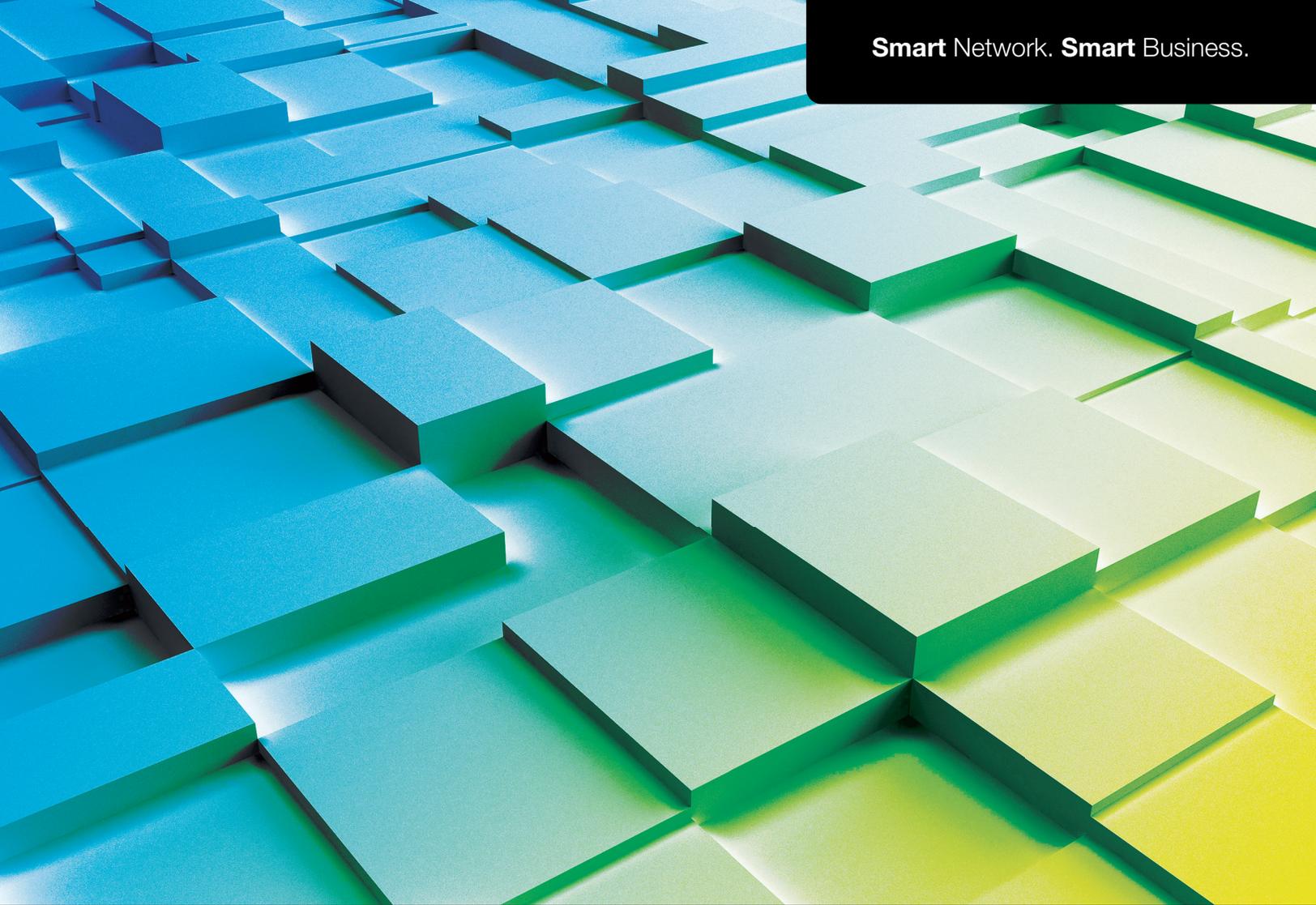


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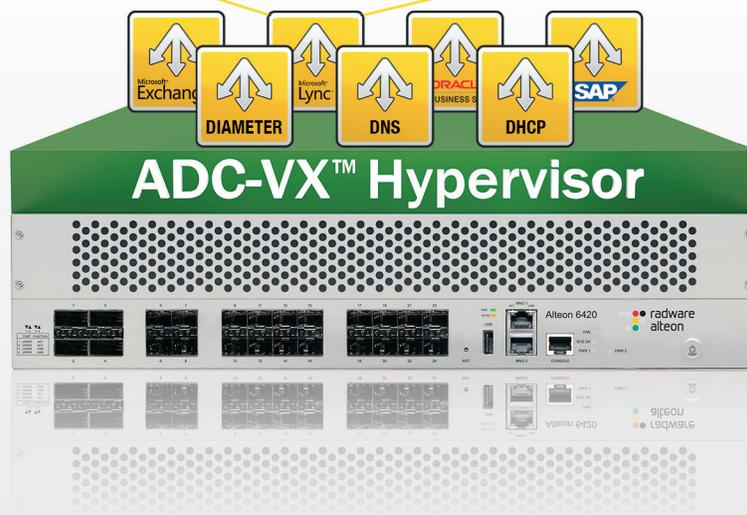
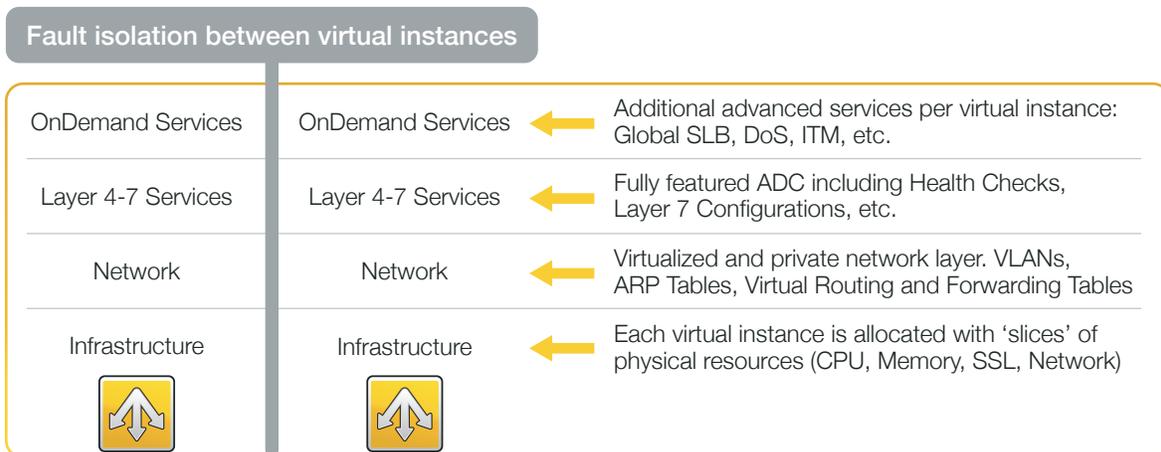
ADC-VX on Alteon NG

# Radware's ADC-VX on Alteon NG

## The Agility of Virtual, The Predictability of Physical

ADC-VX™ is the industry's first application delivery controller (ADC) hypervisor that runs multiple virtual ADC instances on Radware's OnDemand Switch platforms, a dedicated ADC hardware. ADC-VX is designed from the ground up to enable organizations to consolidate ADC hardware devices without compromising resiliency or performance predictability of ADC services — resulting in significant savings of hardware costs and operational expenses. ADC-VX provides the agility and the simplicity that is required in the dynamic, ever-changing virtualized data center, driving faster deployment of new services and better alignment of ADC services with frequent configuration changes.

Built on Alteon NG platforms, ADC-VX also provides all next generation (NG) services which enable organizations to ensure their applications' SLA, including application performance monitoring (APM), FastView web performance optimization (WPO) and AppWall web application firewall (WAF).



## Resilience & Complete Isolation

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Radware's ADC-VX is designed from the ground up to ensure complete fault isolation, network isolation and management isolation between neighboring virtual ADC instances. By providing this unique isolation architecture that is similar to dedicated physical ADC devices, Radware ADC-VX eliminates the risks involved with consolidation and physical to virtual (P2V) migration. In addition, the entire network layer is virtualized and private – including interfaces, VLANs, ARP and routing tables, which ensures that traffic is routed through isolated paths for maximum privacy.

## Predictable Performance & SLA Guarantee

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A unique resource guarantee mechanism ensures that each virtual ADC instance is allocated dedicated resources for its operation. This way, every virtual instance can utilize only those resources for which it was specifically allocated, resulting in predictable performance and service level agreement (SLA) guarantee for each instance. This approach completely eliminates the risks of resource starvation even under the most challenging scenarios. For example, a flash crowd event on one of the virtual instances will not affect the performance of other instances.

## Full Business Agility

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Instant provisioning, decommissioning and resource reallocation of virtual instances running on top of the ADC-VX drives business agility by significantly shortening the deployment time of new applications and services in the virtualized data center. Radware's ADC-VX makes it easy to reallocate resources and distribute them across virtual ADC instances, adjusting their performance and functionality to meet changing business needs.

## Simple to Operate & Manage

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ADC-VX hypervisor assigns physical resources such as CPU, memory, network and acceleration resources to capacity units, which are allocated to the virtual ADC instances by a simplified resource abstraction mechanism. This automatic process eliminates complicated calculation and reduces human errors. In addition, the centralized management system and dashboard provide a real-time view of the virtual instances' health and resource utilization, resulting in a scalable solution that is simple to operate and manage.

## Significant Cost Reduction & Accelerated ROI

Radware's ADC-VX ensures fast ROI achieved by significant CAPEX and OPEX reduction. With Radware's ADC-VX, the business needs less ADC hardware to support ADC requirements, reducing the operational costs of real estate, power, cooling and spare parts. Consequently, the ADC-VX significantly reduces product service costs compared to multiple dedicated ADC devices.

## Radware's Virtual Application Delivery Infrastructure (VADI)

ADC-VX is a key component in Radware's VADI architecture which transforms computing resources, ADC and virtualization services into an integrated, agile and scalable Virtual Application Delivery Infrastructure (VADI). It is designed to bridge across the underlying hardware resources and to cater for the various application needs in terms of SLA and performance predictability while delivering maximal agility to the application delivery space. Radware VADI transforms standard application delivery infrastructure into a virtual application delivery control plane.

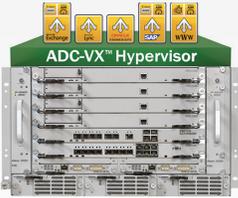
## Complete Application SLA Assurance with Next Generation Service

ADC-VX solution is built on Radware's Alteon NG platforms - our next-generation application delivery solution. It's the industry's only ADC built from the ground up to ensure application SLA at all times. Alteon NG innovatively leverages several next-generation services that are not available in any other ADC on the market.

- Architecturally designed to ensure application SLA by delivering resource reservation and full isolation per application
- Delivers application SLA monitoring capabilities, via the built-in application performance monitoring (APM) module, providing SLA visibility by application, transaction or location
- Accelerates application response time for higher conversion rates, revenues and productivity, by leveraging FastView, the industry's most advanced web performance optimization (WPO) technology
- Ensures application SLA even under attack by integrating Radware's Attack Mitigation System (AMS) and signaling attack information upon detection to mitigate it at the perimeter

## Supported Platforms

The following platforms support Radware's ADC-VX™ technology and next generation services:

Platform	Throughput levels (Gbps)	vADC density
 ADC-VX™ Hypervisor Alteon 5224	5, 10, 16	24
 ADC-VX™ Hypervisor Alteon 5208	6, 12, 26	24
 ADC-VX™ Hypervisor Alteon 6420	30, 40, 80	44
 ADC-VX™ Hypervisor Alteon 10000	20, 40, 60, 80	256
 ADC-VX™ Hypervisor Alteon 8420	100, 160	100

### About Radware

Radware (NASDAQ: RDWR), is a global leader of application delivery and application security solutions for virtual and cloud data centers. Its award-winning solutions portfolio delivers full resilience for business-critical applications, maximum IT efficiency, and complete business agility. Radware's solutions empower more than 10,000 enterprise and carrier customers worldwide to adapt to market challenges quickly, maintain business continuity and achieve maximum productivity while keeping costs down. For more information, please visit [www.radware.com](http://www.radware.com).

Radware encourages you to join our community and follow us on [Facebook](#), [Google+](#), [LinkedIn](#), [Radware Blog](#), [SlideShare](#), [Twitter](#), [YouTube](#) and the [Radware Connect app](#) for iPhone®.

### Certainty Support

Radware offers technical support for all of its products through the Certainty Support Program. Each level of the Certainty Support Program consists of four elements – phone support, software updates, hardware maintenance, and on-site support. Radware also has dedicated engineering staff that can assist customers on a professional services basis for advanced project deployments.

### Learn More

To learn more about how Radware's integrated application delivery & security solutions can enable you to get the most of your business and IT investments, email us at [info@radware.com](mailto:info@radware.com) or go to [www.radware.com](http://www.radware.com).