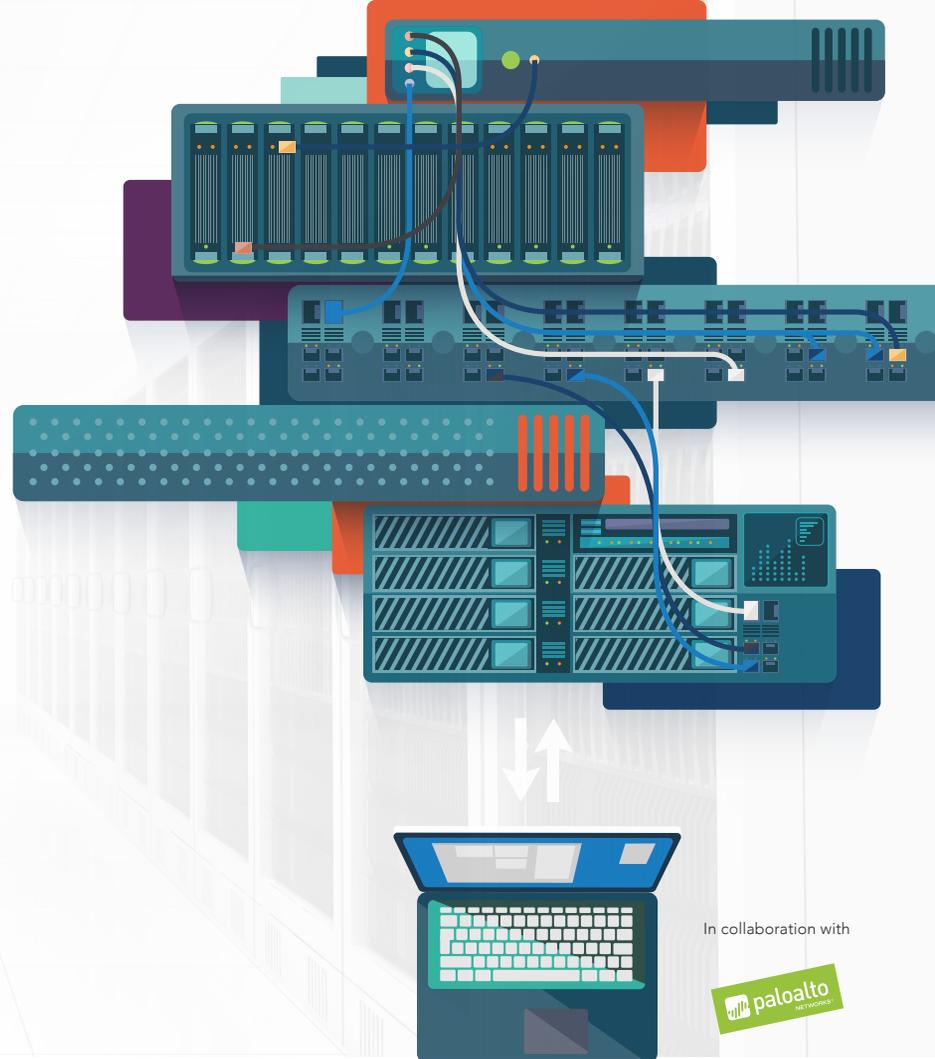




Dominate Data Center Security

Secure Your Data Center with Optiv and Palo Alto Networks



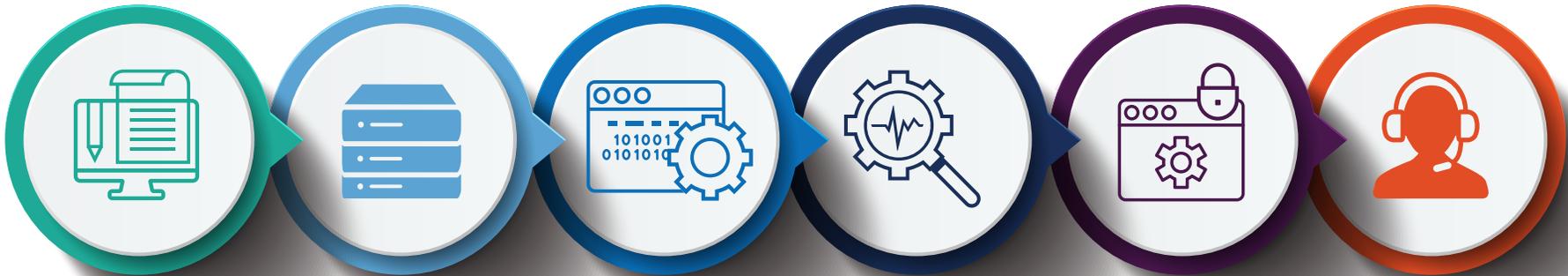
In collaboration with



As organizations look for ways to reduce costs and improve operational efficiencies, data centers are evolving to embrace the cloud and utilize hardware infrastructure more effectively. However, the shift to a combination of physical, private or public cloud computing brings with it a challenge to protect your cloud environment the same way you protect your physical data center. Together, Optiv and Palo Alto Networks can help you secure your data center and meet business needs no matter the structure of your environment.

Six Steps to Dominate Data Center Security

Partnering with Optiv and Palo Alto Networks to secure your data center is a smart choice. Whether it's physical or cloud based, use these six steps and gain complete visibility and protection to the data center.



Step One

Step Two

Step Three

Step Four

Step Five

Step Six

Design

Architecture based on business needs

Selection

Technology selection to address challenges

Implement or Migrate

Initial implementation using basic features

Testing and Validation

Collection period to plan for optimal configuration

Optimize

Advanced features and safe application enablement

Monitor

Periodic health checks and managed support for optimal efficiency

A data center security solution must be able to secure



a growing number of applications, maintain enterprise-class availability and minimize impact of any changes. Whether on-prem or moving to the cloud, **are you confident in your data center security strategy and technology?**

Design:

Architecture based on business needs

A large part of your budget is spent acquiring the technologies necessary to protect your data center assets, but often these products don't perform as expected, or end up as shelfware. Additionally, the move to cloud computing has changed the security challenges you face. **The first step to realizing a security defined data center is designing the right implementation strategy for the type of environment you seek.**

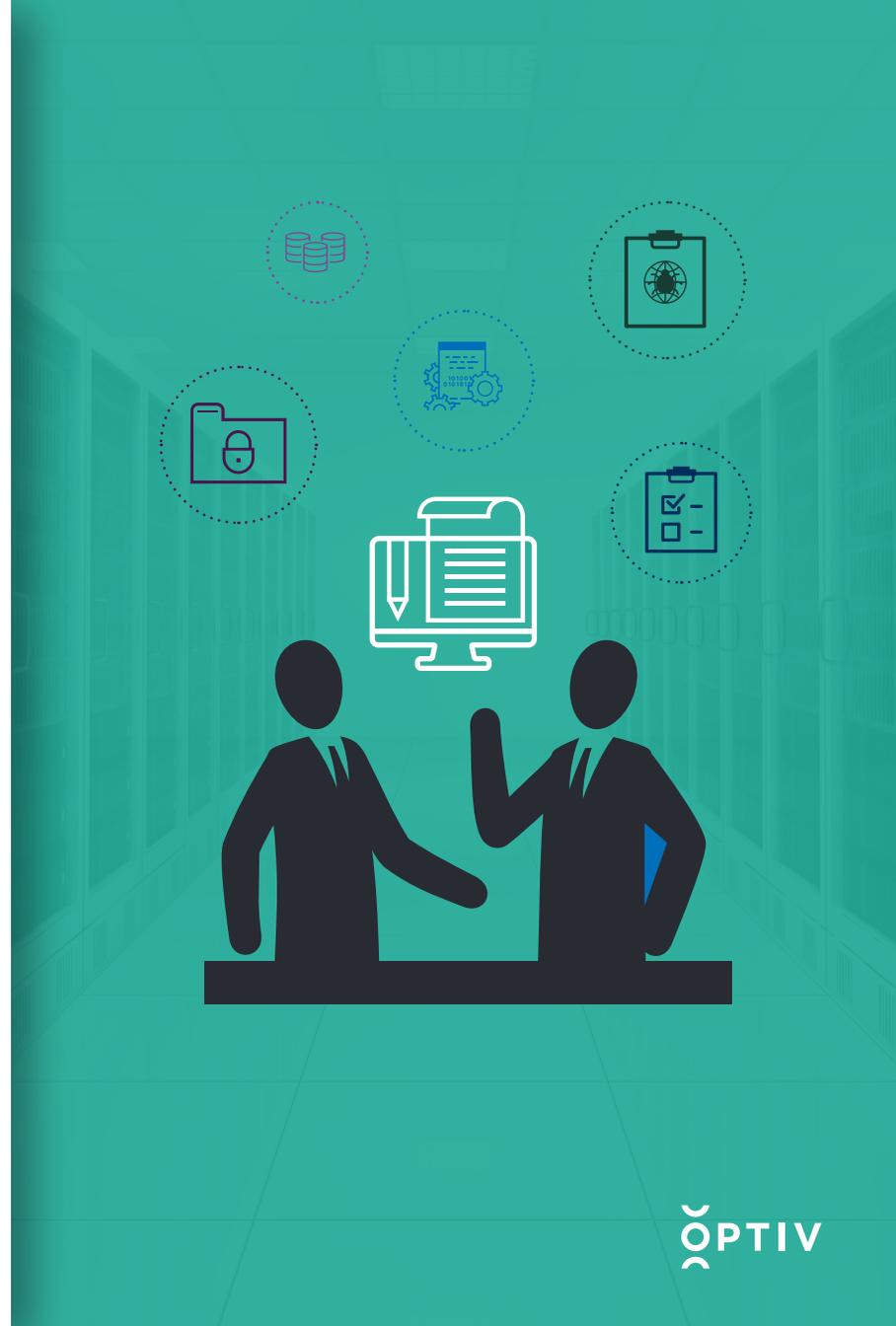
Optiv's Design services help ensure you have the right plan in place to implement your technology purchases with maximum efficiency and security. With your current infrastructure and business needs in mind, our team of product experts utilize industry and manufacturer best practices to provide a custom design suited to your environment.



DESIGN BRIEF
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CLOUD CAPABILITIES BRIEF
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Selection:

Technology selection to address challenges

After designing the right strategy for your data center, the next important decision is which technology supports your strategy most effectively. **The Palo Alto Networks trusted platform provides maximum level of control and security by using a consistent set of next-generation firewall and advanced threat prevention features deployed in either a physical appliance or virtualized form factor.**

Complementary to Palo Alto Networks platform, VMware NSX network virtualization platform integrates virtualized security and distributed firewalling directly into the hypervisor so granular security and micro-segmentation can be delivered to the individual workload. The power of these two platforms brings all of the benefits you've come to know and trust into the data center.



FIREWALL OVERVIEW
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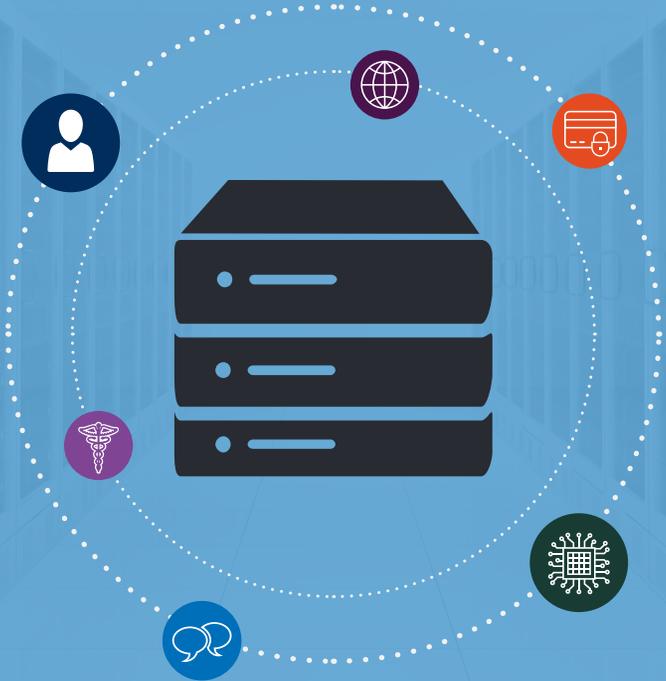
PALO ALTO CAPABILITIES
BRIEF [Download file](#)



AT A GLANCE
APERTURE
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VM WARE SOLUTION
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Implement or Migrate:

Initial implementation using based security features

Adding Palo Alto Networks (and potentially VMware) is a great step to realizing the value of a next-generation firewall in the data center. This quick implementation or migration of product ensures you continue protecting your network as you always have while gaining additional visibility.

Selecting our Quick Start service provides your team with a solid foundation on which to build the next steps of your program and helps to maximize your investment. **By engaging our highly-skilled team, you can reduce your time to deployment from weeks or months, to just a matter of days.**

Thinking about making the switch from on-prem data center to the cloud? Optiv also offers comprehensive cloud security services to aid you in migrating from an on-prem solution to an effective and secure cloud environment.



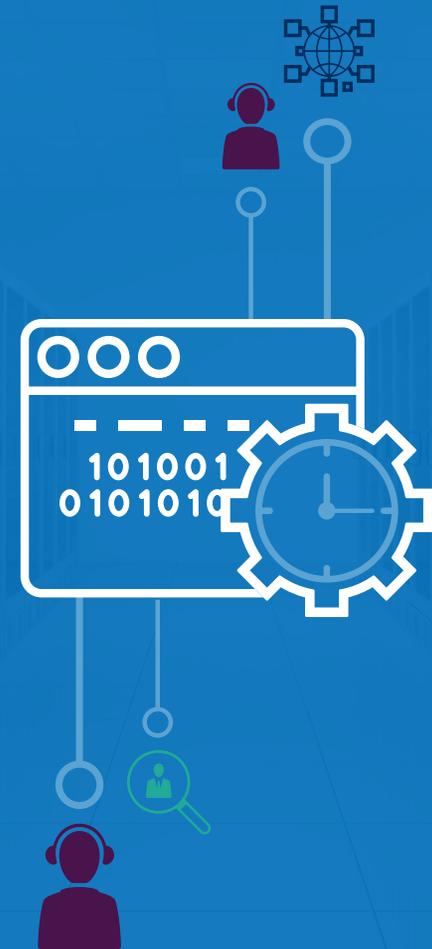
QUICK START BRIEF
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CLOUD SECURITY BRIEF
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Testing and Validation:

Collection period to plan for optimal configuration

Palo Alto Networks sees applications and interaction with your environment that other legacy firewalls may miss. **Implementing basic features enables our teams to peek into your environment over the 90 day collection period to plan for optimal configuration.** This validation will provide the insight to optimize and configure the settings and applications that will have the greatest impact on your overall security posture and user experience.



OPTIMIZATION BRIEF
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Optimize:

Advanced features and safe application enablement

A large portion of an organization's budget goes to procuring the technologies needed to protect assets and meet compliance requirements. To best achieve these goals, implemented technologies need to be utilized to their full capacity. Often Palo Alto Networks' firewalls are only implemented with existing firewall rules, leaving advanced features and protection unused. Some examples include App-ID, Zone Protection Profiles, DoS Profiles and Geo-Blocking.

Optiv's Optimization service helps you best utilize your security technologies and features as well as the networks and systems they were acquired to protect. We provide the technical leadership, professional services expertise, tools and best practices to help you intelligently run your security infrastructure for optimal performance.



OPTIMIZATION BRIEF
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Monitor:

Periodic healthchecks for optimal efficiency

Keeping technology current and running at optimal levels can be a challenge when faced with issues such as industry security advances, limited staffing, organizational expansion and architectural changes.

Optiv's Health Check service is a high-level technical review that identifies vulnerabilities and configurations which may compromise confidentiality, integrity or availability of information. We document our findings with a list of vulnerabilities requiring remediation, including recommendations to address issues and better integrate and leverage your technology.

Optiv also offers Authorized Support, Platform Management and Training services to keep your systems up and running.



MONITOR BRIEF
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MSS BRIEF
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TRAINING LINE CARD
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HEALTH CHECK BRIEF
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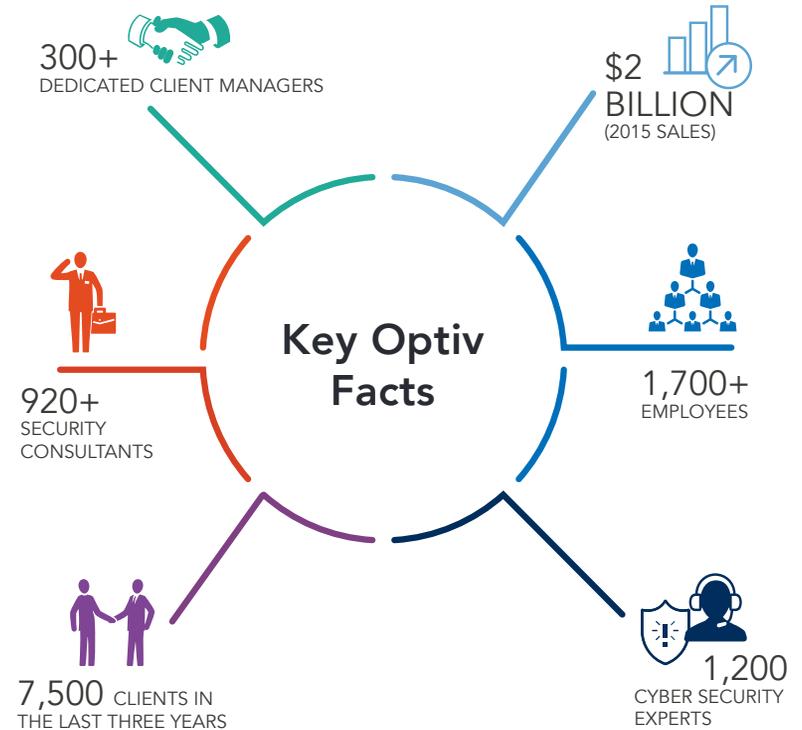


Our Unique Ability to Help

Optiv is your source for security success, delivering a comprehensive suite of solutions and services to help enterprise-class organizations plan, build and run effective security systems and programs – including data center security. We combine extensive expertise, field experience and research with powerful partnerships with industry leaders like Palo Alto Networks to help our clients achieve their security objectives.

Palo Alto Networks Experience

- Diamond Level Partner – Highest level and most certifications
- 107 ACE (Accredited Configuration Engineers) and 31 CNSE (Certified Network Security Engineers) on staff
- Over 150 Palo Alto Networks projects in 2015
- 2011-2016 Americas Partner of the Year
- 2016 Americas Excellence Award for Support
- 2016 Americas Professional Service Partner of the Year



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Optiv is the largest holistic pure-play cyber security solutions provider in North America. The company's diverse and talented employees are committed to helping businesses, governments and educational institutions plan, build and run successful security programs through the right combination of products, services and solutions related to security program strategy, enterprise risk and consulting, threat and vulnerability management, enterprise incident management, security architecture and implementation, training, identity and access management, and managed security. Created in 2015 as a result of the Accuvant and FishNet Security merger, Optiv is a Blackstone (NYSE: BX) portfolio company that has served more than 12,000 clients of various sizes across multiple industries, offers an extensive geographic footprint, and has premium partnerships with more than 300 of the leading security product manufacturers. For more information, please visit www.optiv.com.

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