



## Digital Defense, Inc. Introduces Vulnerability Management and Threat Assessment Solution Available on Cortex™ by Palo Alto Networks

Breakthrough Application Provides Active Threat-Focused Vulnerability Management Solution for Today's Hybrid Cloud Environments.

### BUSINESS PROBLEM

For years, attackers have successfully exploited different types of vulnerabilities, compromised systems and used advanced tactics for breaching networks. They take advantage of infrastructure blind spots, unpatched devices and overwhelming alerts, making it impossible for security teams to identify attack campaigns and prioritizing investigations and remediation efforts. In addition, security teams have been challenged with identifying and tracking dynamically changing assets, understanding risk in real-time that can significantly streamline prioritizing patching efforts.

Marrying the knowledge of where your most critical assets reside, which ones are most susceptible to attack and identifying under-attack assets in real-time enabling security teams to go on the offensive and pinpoint immediate actions with proper contextual data for preventing a successful breach. Even better, security teams can eliminate all the noise from traditional threat detection methods including false positive alert fatigue to know where to focus their immediate efforts and the most critical assets to protect when time is of the essence in the race against attackers during an attack campaign.

### SOLUTION OVERVIEW

Digital Defense's **Frontline.Cloud** platform has been purpose-built to be deployed and operate in today's hybrid cloud enterprise environments. Frontline.Cloud is hosted on Amazon Web Services (AWS) and incorporates Digital Defense's patented and proprietary technology that supports multiple software security systems focused on pro-actively protecting business critical assets. The Frontline.Cloud Software as a Service (SaaS) platform supports Frontline Vulnerability Manager™ (Frontline VM™), Frontline Web Application Scanning™ (Frontline WAS™), and Frontline Active Threat Sweep™ (Frontline ATS™) leveraging multiple

patents that eliminate the deficiencies in similar solutions that are also traditionally based on hardware appliances. Frontline.Cloud is the only solution in the market that can scale to operate on premise, in the cloud or in hybrid network-based implementations to fit the needs of organizations of any size, including even the largest financial, government, healthcare, retail and utility providers in the world.

Frontline.Cloud, the industry's only true on-demand vulnerability and threat asset risk posture assessment solution built for hybrid cloud environments, helps security teams focus on identifying and prioritizing the most important assets pro-actively harden against an attack without requiring agents. Utilizing data from Cortex Data Lake, the Frontline.Cloud app enables security teams to be more effective in identifying compromised assets in addition to quickly prioritizing and remediating systems under attack with active threat and business context.



#### SCAN

Quickly, comprehensively and accurately assess your network for vulnerabilities.



#### ANALYZE

Identify which assets are at risk and receive actionable intelligence.



#### SCORE

Benefit from a clear, easy-to-understand metric to determine your organization's security posture.



#### AUTOMATE

Seamlessly integrate Frontline vulnerability finding into my security workflow.

## CORTEX BY PALO ALTO NETWORKS

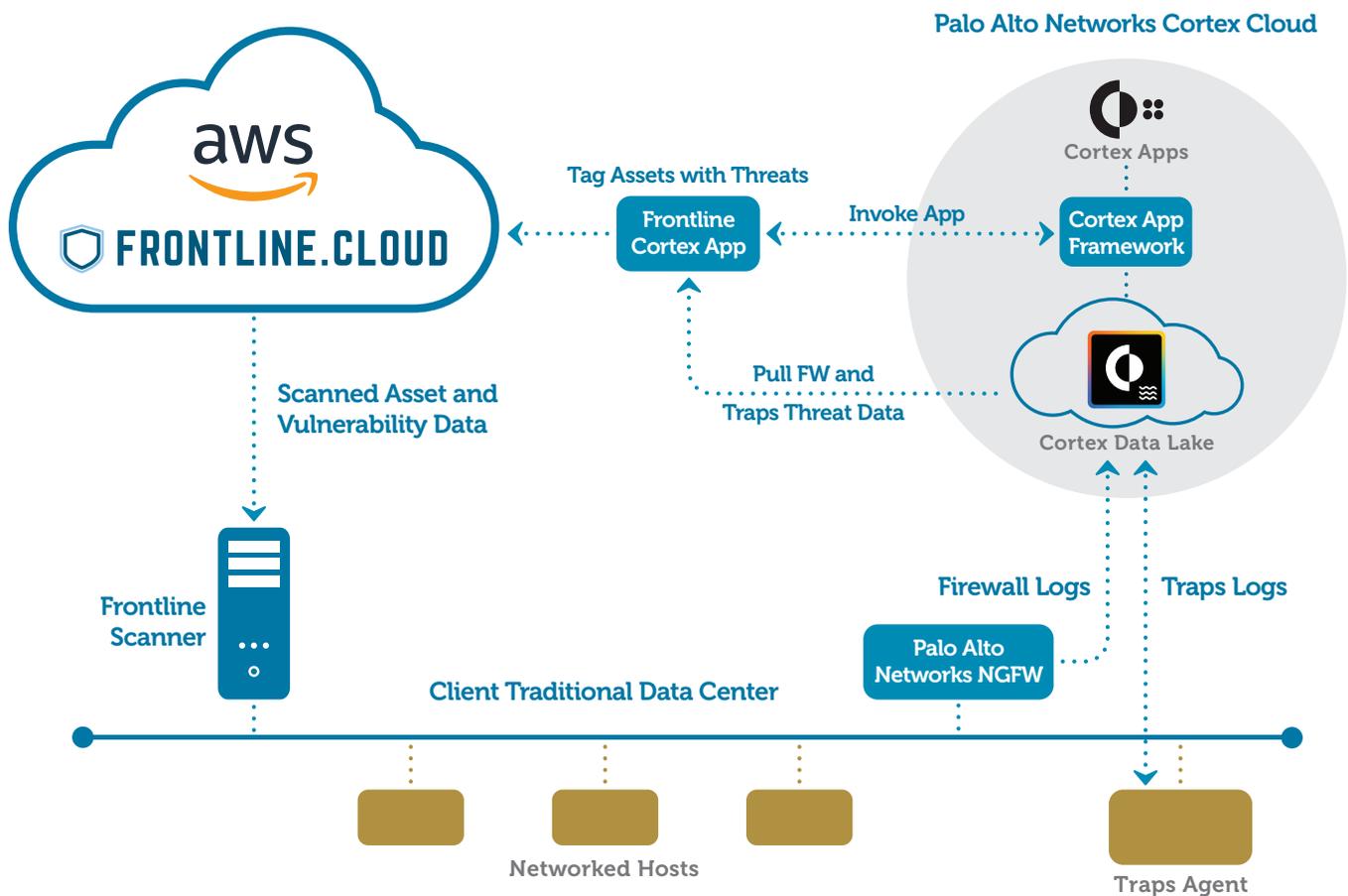
Cortex is designed to radically simplify and significantly improve security outcomes. Deployed on a global, scalable public cloud platform, Cortex allows security teams to speed the analysis of massive data sets. Cortex is enabled by the [Cortex Data Lake](#), where customers can securely and privately store and analyze large amounts of data normalized for advanced artificial intelligence and machine learning to find threats and orchestrate responses quickly.

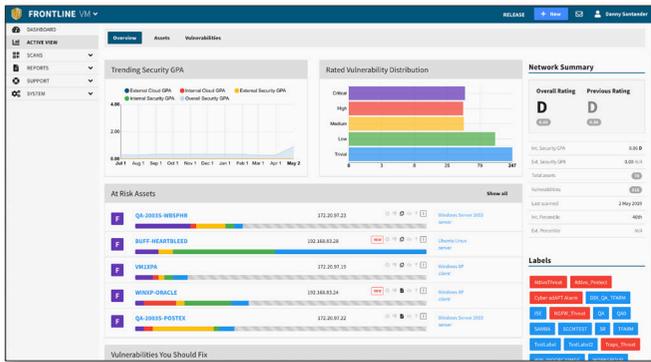
With the Frontline.Cloud app on Cortex, Palo Alto Networks customers can now leverage active threat information, identified by Palo Alto Networks devices, to pro-actively prioritize remediation and patching efforts for systems already under attack.

## SOLUTION SUMMARY

Digital Defense's Frontline.Cloud vulnerability management and threat assessment platform identifies high-risk/critical assets with business context that are highly vulnerable to exploits, remain unpatched, are un-patchable or have already been infected in real-time. Utilizing rich data from Cortex Data Lake, administrators can prioritize patching and remediation of critical assets based on real-time knowledge of actual active threats.

### FRONTLINE APP ON CORTEX ARCHITECTURE





## SOLUTION DESCRIPTION

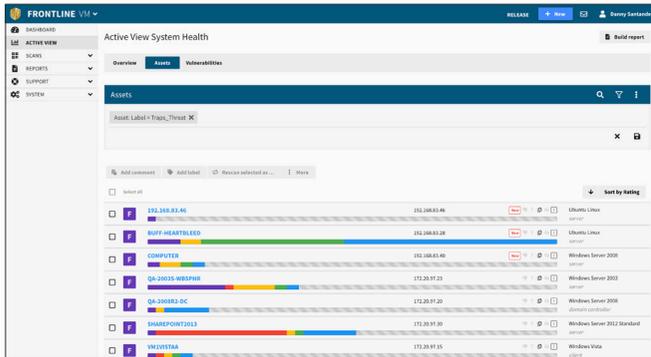
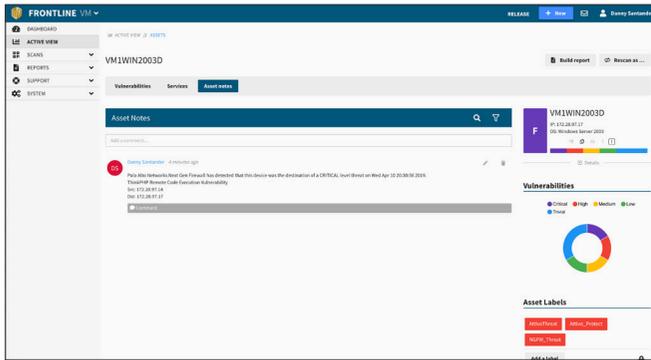
### Combine Vulnerability Risk with Threat Data

Digital Defense's Frontline.Cloud digitally fingerprints the hosts as contiguous entities, reconciles asset changes from scan to scan utilizing patented correlation algorithms (helping to minimize duplicates or unknown devices), prioritizes vulnerabilities, and automates workflow across the hybrid network to make better risk management decisions, quickly. Frontline.Cloud then consumes detected threat information from Cortex Data Lake to understand and convey which assets are at immediate risk.

### Optimize Patching and Remediation of Critical Assets

Cortex Data Lake contains threat data collected from endpoints, network firewalls and the cloud put through advanced machine-learning based AI to automate the detection of active threats. However, for security operations teams to take action, such as where to quarantine endpoints or determine changes to next generation firewall policies, they need to understand the most vulnerable mission-critical assets.

Frontline.Cloud provides the only on-demand real-time risk and threat assessment platform in the market today. As we add threat intelligence from Cortex Data Lake, we can determine the most business critical at-risk assets. As security teams are in a race to prevent a breach once a compromise or attack is detected, Frontline.Cloud provides the needed asset, OS and web application vulnerability and host threat data and context to accelerate their efforts.



## LEARN MORE

To learn more about the advantages of the Digital Defense, Inc. Frontline.Cloud app on Cortex:

Sales can be reached at: [sales@digitaldefense.com](mailto:sales@digitaldefense.com)

Technical support questions can be directed to: [integrations@digitaldefense.com](mailto:integrations@digitaldefense.com)

### About Digital Defense, Inc.

Founded in 1999, Digital Defense, Inc. is an industry recognized provider of security assessment solutions. Digital Defense provides vulnerability and threat assessment Software-as-a-Service (SaaS) solutions and services purpose-built to operate in today's hybrid cloud enterprise environments. Digital Defense's proprietary platform, Frontline.Cloud, incorporates patented technologies and offers multiple software security systems focused on pro-actively hardening business critical assets from being compromised and breached. The Frontline.Cloud platform supports Frontline Vulnerability Manager™ (Frontline VM™), Frontline Web Application Scanning™ (Frontline WAS™), and Frontline Active Threat Sweep™ (Frontline ATS™) that provide agent-less discovery, vulnerability and threat assessment of dynamic assets, while eliminating manual processes and integrating with market-leading 3rd party security and IT offerings to eliminate gaps in visibility and enable faster remediation. Frontline.Cloud is the only solution in the market that is built to be scaled across any size organization and operate on premise, in the cloud or in hybrid network-based implementations.

### About Palo Alto Networks

Palo Alto Networks is the global cybersecurity leader, known for always challenging the security status quo. Our mission is to protect our way of life in the digital age by preventing successful cyberattacks. This has given us the privilege of safely enabling tens of thousands of organizations and their customers. Our pioneering Security Operating Platform emboldens their digital transformation with continuous innovation that seizes the latest breakthroughs in security, automation, and analytics. By delivering a true platform and empowering a growing ecosystem of change-makers like us, we provide highly effective and innovative cybersecurity across clouds, networks, and mobile devices.