Array Networks and eClinical Works

Solution Brief

Application Delivery and Acceleration for eClinical Works

Array APV accelerates eClinicalWorks while improving high availability and security

Key Benefits

- Proven track record in understanding deployment challenges with eCW for large and small enterprises
- Array ensures the fine tuning of eCW software for enterprise level performance and stability
- Constant, reliable, SSL encrypted 24x7 access to eClinical Works
- Accelerates common eClinicalWorks flows such as "Create Claim, Create Appt" by 150% to 200%
- Cuts "Patient Hub Lookup" time on an average by half
- Provides a 15x reduction in the number of eClinical Works server side connections
- Meets and exceeds HIPAA and Sarbanes-Oxley standards

Integrated Solution Overview

Array APV application delivery controller is a high performance platform that ensures eClinical-Works software performs at the highest level possible for enhanced end user experience and productivity. Array APV application delivery controllers help scale eClinicalWorks deployments for large and small user bases while ensuring high availability, blazing acceleration and security.

Dell Professional Services conducted tests for the scalability of eClinicalWorks product line on an enterprise platform consisting of Dell, Intel, EMC, Array Networks and VMWare infrastructure.

The certification tests proved that Array APV can help eClinicalWorks customers by increasing application performance, faster response times, reduced server load, increased security and compliance.

eClinicalWorks Overview

eClinicalWorks is a privately held leader in the ambulatory clinical systems market. The company's unified electronic medical record (EMR) and practice management (PM) solutions are proven for every market segment. eClinicalWorks helps physicians with organizing their administrative records. The company specializes in providing medical software for managing medical documents for small and medium primary health care practices, medical specialities, as well as large practice groups such as the New York City Department of Health and Mental Hygiene and the Massachusetts eHealth Collaborative. eClinicalWorks, which serves some 4,000 customers throughout the US, operates from offices in Georgia, Massachusetts, and New York.

Array Networks Overview

Founded in 2000, and headquartered in Silicon Valley, California, Array Networks is a global company that addresses the problems related to securely delivering enterprise applications to users, regardless of whether they are employees, customers or partners. Array Networks APV series Application delivery Controllers provide highest availability, blazing acceleration, SSL offloading, caching and SSL security to applications. More than 3,000 customers worldwide including enterprises, service providers, government as well as organizations in healthcare, finance, insurance and education rely on Array to provide anytime, anywhere secure and optimized access. Industry leaders including Deloitte, Red Herring, Gartner and Frost and Sullivan have recognized Array as a market and technology leader.

Key Array Networks APV Features that enabled the solution

- Load balancing of web and application traffic
- Off loading SSL from application servers to purpose built appliance
- Central point of certificate management
- Compression to improve web application performance
- Caching of common application content data
- Global server load balancing for disaster recovery and or business continuity
- Connection multiplexing to free up application server resources

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