

### Implementation HIPAA Security Requirements for Mobile & Wireless Applications

#### Business Problem

The client is San Francisco's largest not-for-profit healthcare organization, operating twenty major facilities that support over 7230 medical and administrative staff and 420 independent physicians. To fortify their leadership position and to provide higher-quality patient care, the client uses mobile & wireless technology to access patient records and lab results at the point of care.

However, information resident on mobile devices is not protected by existing network security and poses new threats to the privacy of health information, which is governed by the Health Insurance Portability and Accountability Act (HIPAA) Privacy rule. The client needed a cost-effective security solution that would protect sensitive information from wrongful disclosure in the event the mobile device was misplaced or stolen.

#### Business Justification

The primary justification for the investment was to enable physicians to move around freely while leveraging mobile & wireless technology to access information needed to provide higher-quality patient care. However, without the ability to control security for diverse types of mobile & wireless devices, the HIPAA Privacy rule posed a significant barrier to the adoption of mobile & wireless technologies for the client.

Independent physicians have the option of choosing which hospital a patient is admitted to and will avoid a hospital that prohibits the technology they want to use to improve patient care and their own personal productivity.

#### Challenges

To implement secure mobile access to their users, the client required a solution that would:

- Control mobile & wireless security enterprise-wide
- Enforce compliance with mobile & wireless security policies with minimal impact to the user experience while satisfying HIPAA regulations

*The client leverages mobile solutions to provide business efficiencies and being San Francisco's largest not-for-profit health care organization supports all types of mobile devices.*

## Solution

With the SOLOVATSOFT solution, The client is assured that the privacy of healthcare information is protected, while enabling its physicians and medical staff to safely use mobile devices to access and update patient records and enter orders at the point of care - resulting in reduced errors and delays and higher-quality patient care.

### **Security Policy Enforcement**

The SOLOVATSOFT solution enables the client to move around freely while leveraging mobile & wireless technology to access information needed to provide higher-quality patient care while having security control for mobile & wireless users across diverse computing platforms, including Hewlett Packard iPAQ and Palm. Security policies enforced on the mobile device by SOLOVATSOFT Mobile solution mandates the use of a PIN or password to authenticate the user and protect information contained on the device; ensure data confidentiality.

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With multiple automated deployment options, the client was able to leverage their existing Tivoli software distribution process to distribute the SOLOVATSOFT application to their desktops and laptops and then leveraged SOLOVATSOFT solution to distribute software and policies to handheld mobile platforms not supported by Tivoli.

### **Implementation**

By detecting and authenticating devices before synchronization occurs, SOLOVATSOFT solution enables the client to control mobile device use and prevent rogue devices from accessing networked resources. Audit logs track mobile device inventories as well as change in security policies.

### **About SOLOVATSOFT**

SOLOVATSOFT is the premier provider of custom and integration solutions that enable an organization to go mobile by having full control security enterprise-wide for mobile & wireless users.

***To learn more about how SOLOVATSOFT Mobile Solutions can help your organization contact us today at 415-812-1504 or e-mail us at [sales@SolovatSoft.com](mailto:sales@SolovatSoft.com) for an immediate response.***