Healthcare's Unique Security Challenges

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Healthcare Hacks on the Rise

- Did you know over 4 million healthcare records were hacked in the first half of 2015?

- Now that healthcare records are all digitized and shared over networks and multiple devices, these records have become very valuable to criminals while hospitals, clinics and other organizations are still trying to find the best way to protect them.

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Personal Issues

- While the issues surrounding digital records and possible breaches are the most often reported, they are not the only challenge unique to healthcare organizations must concern themselves with personnel issues such as the need for multiple people to have access to records.

- Not only do doctors and nurses need access to patient records but now the billing department, insurance companies and regulatory committees do as well. Some of these positions can easily be credentialed with role based access; some of them are temporary employees or work across different functional areas and need access to different things at different times. It is hard for the organization to maintain proper access control and security with so many unique needs.

Multiple Devices Issues

- No longer are records and information kept behind the nurses' station in folders or on desktops; now healthcare professional are using multiple laptops, tablets, phones, and other mobile devices in their practices. The need to provision all of these devices for any new employee can take days – if not weeks – to get up and running. There is also the need to be able to remotely wipe access to all information if the device is lost or stolen. According to the most recent healthcare breach Report from bitglass, 68 percent all healthcare data breaches since 2010 were due to device theft or loss. It is extremely difficult to roll out a process that would cover all of these needs on so many different devices.

Specialized Medical Equipment

- Did you know that devices, such as drug pumps, may be hackable in fatal ways because they enable a hacker to increase or decrease the dosage of drugs?

- One of the reasons its so hard to regulate these devices is because they are on a closed loop and can't be easily scanned for malware.

- The IT department can't monitor what it can't see.

IAM for Healthcare

- The best way to mitigate these risks is to implement an Identity and Access Management (IAM) solution. These solutions are known to improve accuracy through their automated provisioning policies and are also instrumental in providing transparency into all access and credentials in an organization.

- An IAM program helps with personnel risk by giving role based access and visibility into all roles and credentials of any individual. It will also automatically grant credentials to any new employee across all devices and will take away that access once he or she is terminated.

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IAM for Healthcare

- The risks for healthcare organizations will continue to grow as both the internet of Things and the sophistication of hackers mature in the next few years. IAM solutions are driven by real-time data that allow you to make the most informed decisions possible.

- While the risks and attacks will never stop coming for your organization, with IAM, you will have the ability to recognize these attacks sooner and fight back.

Are You Ready for a Breach?

- Its no longer a question of if, but when you are breached.
- Be ready with an IAM solution from Courion to monitor your systems from data records to personnel profiles