
Securing Networked Biomedical Devices

- Why this is important to QH?
- How is QH going to ensure this?
- What is the role of the vendor?

Why is this important to QH?

- Interruption to services
- Infecting other devices
- Data Integrity
- Cost to repair

How QH secures its devices

- Installing virus software
- Regularly patching the operating system
- Hardening the OS
 - Turn off all unused ports
- Isolating the network
- Installing firewalls

How will QH determine the security risk of a device?

- Ask all vendors how they secure their devices
- Certify these devices before connecting
 - Run security tests against device
 - Network integration Tests

Wireless Devices

- IEEE 802.11a/b/g/n
- Shared SSIDs
- Do not use 802.11b where possible
- WPA2 encryption
- Custom Certificates vs Preshared Keys
- IEEE 802.11e Quality of Service