Preparing for the unexpected: cyber security strategy and response in a more connected world

ORLANDO HEALTH®

Orlando Health Overview

NOT-FOR-PROFIT
HEALTH CARE ORGANIZATION
$6.5 BILLION
ECONOMIC IMPACT

8 **AWARD-WINNING** **HOSPITALS**

CENTRAL FLORIDA'S ONLY
LEVEL ONE
TRAUMA CENTERS
FOR **ADULTS & PEDIATRICS** +6 ERs

25 Outpatient Centers +
2 Medical Pavilions

More than **18,542** Team Members caring for you.

MORE THAN **2,500 PHYSICIANS** IN OVER **FORTY** AREAS OF SPECIALTY

LOCAL REGIONAL NATIONAL & **INTERNATIONAL** PATIENT BASE

NEARLY **$204 MILLION** IN SUPPORT OF COMMUNITY HEALTH NEEDS

MORE THAN **65** **PRIMARY CARE** PRACTICE LOCATIONS

ORLANDO HEALTH®

What's Driving Security Strategy?

- Increased Cyber Threats

- IOT/Connected medical devices

- Cloud or Off premise based solutions

- Outsourcing and reliance on vendors

- Sensitivity to any service disruption

- And many more…

Developing a strategy: Focus on the basics first

- Policy and Education
- Secure Configurations
- Patch and Vulnerability Management
- Data Encryption
- Data Loss Prevention
- Privilege Access Management
- Incident Response
- Disaster Recovery
- 3rd Party Information Sharing (NH-ISAC, Infragard,etc)

Challenges with IOT/Network Medical Devices

- Limited security standards
- Proprietary Configurations
- Outdated Operating Systems
- Limited automated patch deployment
- Traditional security tools not available
- FDA certification process
- High sensitivity to downtimes
- Vendor supported in some cases

Incident Response

- Plan, plan and then some more planning
- Develop an incident response plan
- Conduct table tops exercises
- Insurance coverage and preferred partners
- Security firm retainer
- Third party review of incident response plan

Disaster Recovery

- Recovery Time / Recovery Point Objectives
- Plan, plan and then some more planning
- Test, Test, and then test more
- Collaboration tools to streamline recovery
- Communicate – Who does what, when, how?
- Backup strategy
- Data center locations & level of resilience

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