



Building a better working world

Cyber innovation and engineering health care ideation

Innovations to modernize health care through a security by design approach

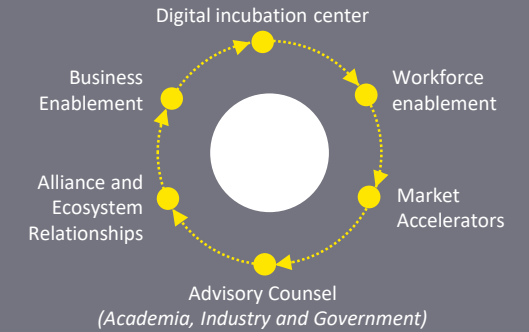
Key message

The health care industry is facing continuous challenges that require life-altering decision-making; some of the areas include clinical operations, security management, risk compliance and inventory use and allocation.

Objective: Develop a framework that enables health care professionals to safely and efficiently respond to any crisis that may enter their doors

Solution: A near real-time interactive application that aggregates medical, device and patient data that will enable medical facilities to maximize critical assets and streamline care delivery with embedded security measures

Model for driving innovation



Challenges

Hospital floor

Hospital staff working in close proximity to contagious patients with limited measures to keep them safe.

Timely analysis

Non real-time data analysis will result in inefficient investigations and increase risk

Cost of technology

Complexity and lack of scalability lead to high development costs

Data driven analysis

Lack of information prevents analysis critical to protect employees

How can Ernst & Young LLP help?

Using badge data in Splunk to help employers make informed decisions to protect their workers and enhance workspace

Real-time analysis allows for faster response times leading to overall operational efficiency

Leverage existing technology capabilities to design a response while avoiding costs of new tools

Access to health data enables hospitals to make data-driven decisions and improves situational awareness

Impacted audience

Compliance

Patients

Health care

Innovative Use Cases

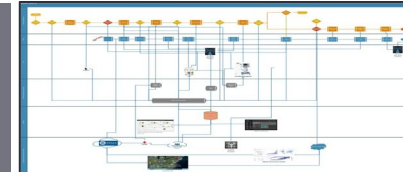
Real-time and predictive analytics dashboard



IoT inventory tracking and reporting dashboard



Data analytics life cycle mapping



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