

# Cyber innovation and engineering health care ideation

Innovations to modernize health care through a security by design approach

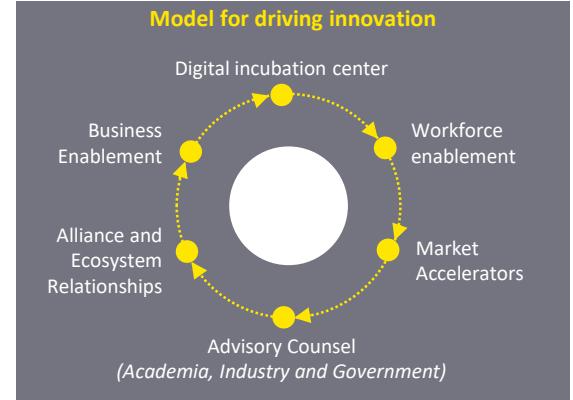
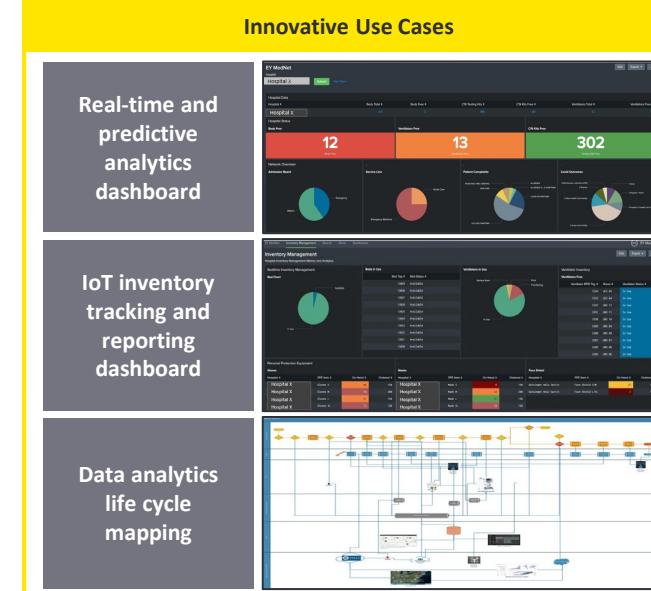
## Key message

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

	Challenges	How can Ernst & Young LLP help?	Impacted audience
Hospital floor	Hospital staff working in close proximity to contagious patients with limited measures to keep them safe.	Using badge data in Splunk to help employers make informed decisions to protect their workers and enhance workspace	Compliance
Timely analysis	Non real-time data analysis will result in inefficient investigations and increase risk	Real-time analysis allows for faster response times leading to overall operational efficiency	Patients
Cost of technology	Complexity and lack of scalability lead to high development costs	Leverage existing technology capabilities to design a response while avoiding costs of new tools	Health care
Data driven analysis	Lack of information prevents analysis critical to protect employees	Access to health data enables hospitals to make data-driven decisions and improves situational awareness	



### Ernst & Young LLP cybersecurity contacts

	<b>Kaushal J Patel</b> Managing Director <b>Technology Consulting</b>
	<b>Tony Pierce</b> Senior Manager <b>Innovation Lead</b>
	<b>Rupak Pandya</b> Senior Manager <b>US SIEM Delivery Lead</b>
	<b>Robb B Mayeski</b> Senior Manager <b>US SOAR Delivery Lead</b>

EY | Assurance | Tax | Strategy and Transactions | Consulting

#### About EY

EY is a global leader in assurance, tax, strategy, transaction and consulting services. The insights and quality services we deliver help build trust and confidence in the capital markets and in economies the world over. We develop outstanding leaders who team to deliver on our promises to all of our stakeholders. In so doing, we play a critical role in building a better working world for our people, for our clients and for our communities.

EY refers to the global organization, and may refer to one or more, of the member firms of Ernst & Young Global Limited, each of which is a separate legal entity. Ernst & Young Global Limited, a UK company limited by guarantee, does not provide services to clients. Information about how EY collects and uses personal data and a description of the rights individuals have under data protection legislation are available via [ey.com/privacy](#). For more information about our organization, please visit [ey.com](#).

Ernst & Young LLP is a client-serving member firm of Ernst & Young Global Limited operating in the US.

© 2020 Ernst & Young LLP.  
All Rights Reserved.  
US SCORE no. 10645-201US  
2009-3596760  
[ey.com](#)