Beyond Cybersecurity: Protecting Your Digital Business

Discussion Document June 5th, 2016

CONFIDENTIAL AND PROPRIETARY

Any use of this material without specific permission of McKinsey & Company is strictly prohibiter

McKinsey&Company

Overview

- Current cybersecurity approaches getting in the way of companies' efforts to capture value from digitization
- Better model for protecting critical information requires much tighter integration with rest of the business, but most companies aren't making sufficient progress
- Getting beyond cybersecurity to digital resilience is a crossfunctional change -- making progress requires:
- Designing change program to drive business engagement,
- Creating a culture of resiliency across IT
- Professionalizing cybersecurity capabilities

McKinsey & Company | 2

Rapid digitization raises the stakes for issues of trust and data protection in health care

Increased digitization of care delivery introduce new security risks



Vastly expanded technology environment introducing more surfaces and opportunities for attack



Increased interconnectivity with external systems (e.g., exchanges, vendors)



Increased exposure of individual assets across an organization (e.g., EHRs)



Increasing cost of data breaches (e.g., cost of breach, HIPAA fines from \$100-\$2K per

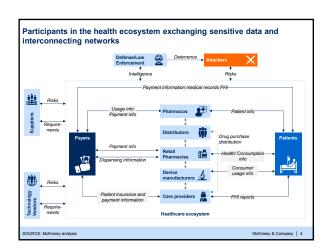


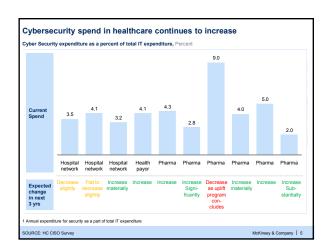
Emerging technologies becoming embedded in "everyday" operations and devices outside traditional IT function boundaries

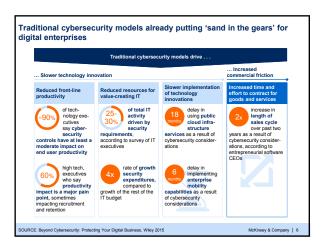


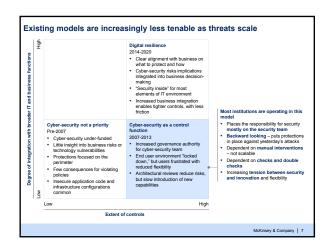
Additional customer demands for security and proof of security standards, from members and employee groups

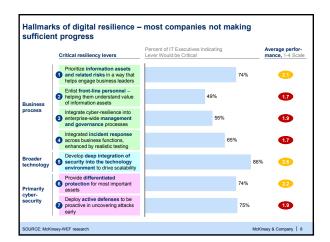
McKinsey & Company | 3

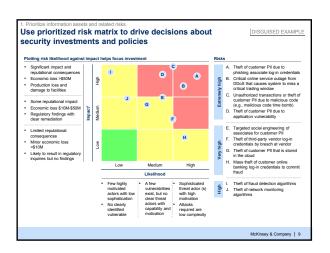


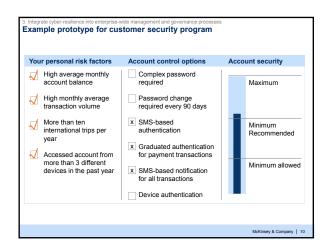


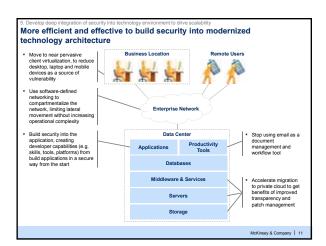


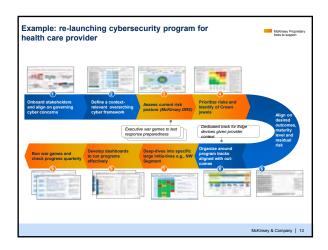


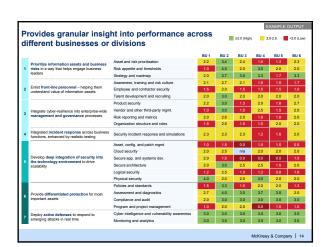














Services you could leverage: CyberFit, the healthcare cybersecurity services provider Utility What is the healthwhat is the health-care cyber utility? A not-for-profit, The healthcare cyber utility is in a unique position to: A not-for-profit, shared "utility" that is: Create member-supported healthcare-specific capabilities that do not and could not exist in the marketplace without the utility Owned by members, governed by members for the benefit of members Help "immunize" the entire industry – with larger organizations making critical cyber security services available to smaller healthcare organizations, which otherwise would not have access to these critical services Enabled by collaborative efforts of member Leverage scale to boost efficacy of solutions and benefits, and to increase ability to influence stakeholders in the healthcare cyber security value chain 6 healthcare Address the changing regulatory landscape better than a single organization organizations Structured to provide access to best in class cyber security services to healthcare organizations of all Establish standards or control framework that can provide adopting organizations better defensibility against legal issues Enable members to free up scarce resources from commodity tasks to focus on high value add activities types and sizes

McKinsey & Company | 16

