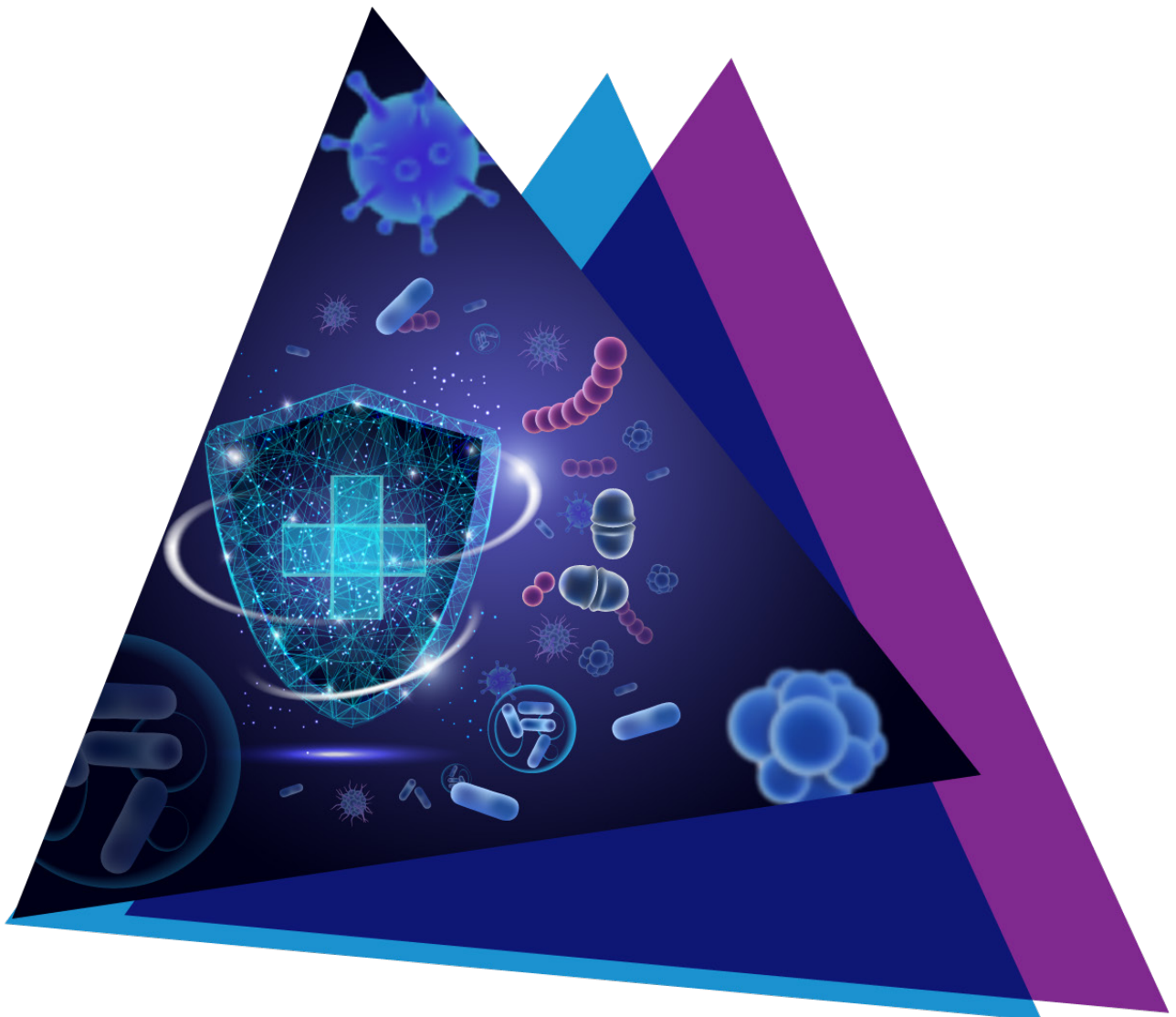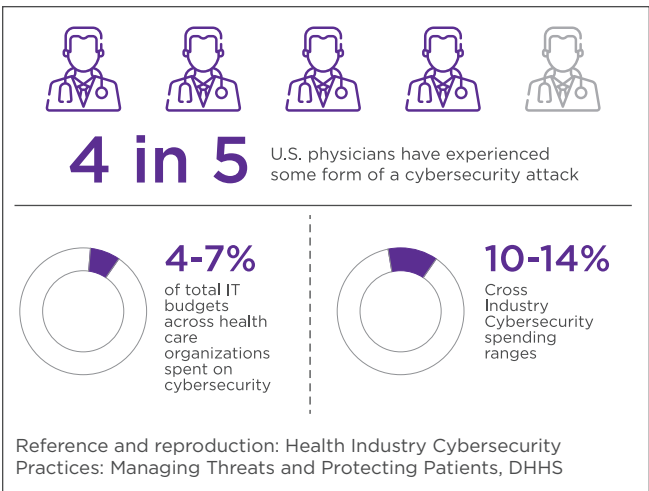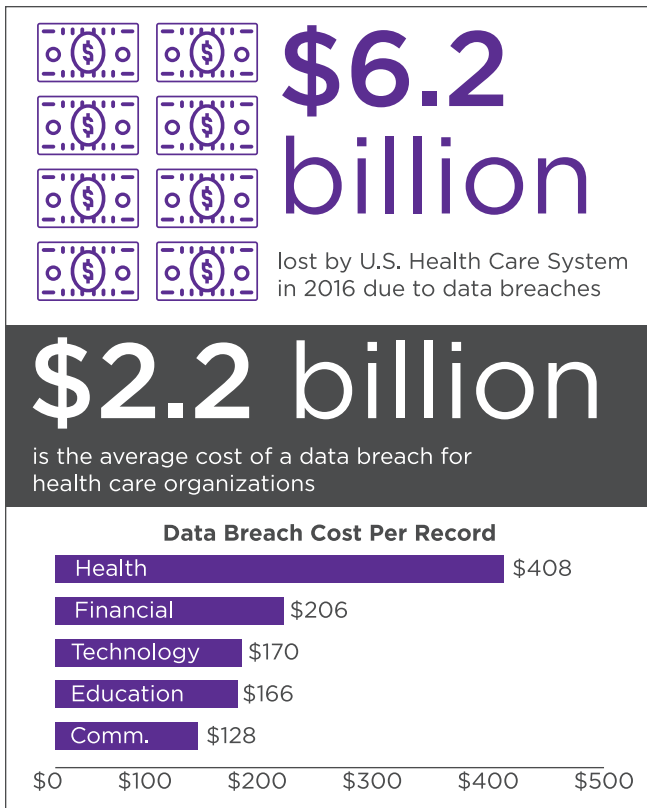**HCL**

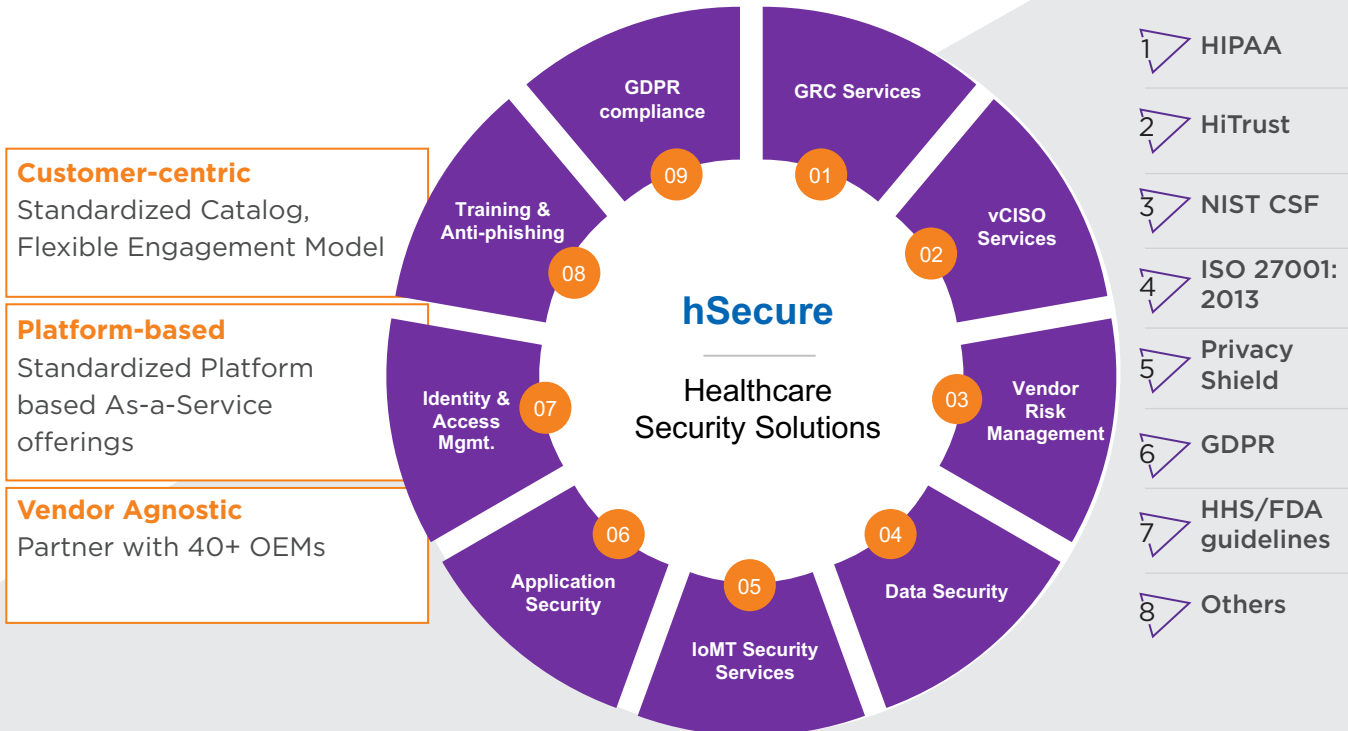# hSecure – The Security Solution for Healthcare Enterprises

Security Incidents on the Rise in Healthcare Organizations - In 2018, there were close to 15 million patient records compromised in more than 500 data breaches and growing year after year.

$6.2 billion

lost by U.S. Health Care System in 2016 due to data breaches

$2.2 billion

is the average cost of a data breach for health care organizations

Data Breach Cost Per Record

Category	Cost
Health	$408
Financial	$206
Technology	$170
Education	$166
Comm.	$128

$0 $100 $200 $300 $400 $500

4 in 5

U.S. physicians have experienced some form of a cybersecurity attack

4-7% of total IT budgets across health care organizations spent on cybersecurity

10-14% Cross Industry Cybersecurity spending ranges

Reference and reproduction: Health Industry Cybersecurity Practices: Managing Threats and Protecting Patients, DHHS

- Hospital employees open 1 out of every 7 phishing emails
- 18 percent of HC providers reported that medical devices were affected by malware – Dec 2018
- Stolen devices such as a laptop or a USB thumb drive contribute almost to 45% of data breaches in healthcare systems
- 58% attempts of data breaches on healthcare systems involve inside actors

hSecure: A Next-gen Security Solution for Healthcare Enterprises

The hSecure framework comprises modular and business-ready security solutions that tackles data breaches and suits the varied needs of different sizes of healthcare organizations. The hSecure cybersecurity solutions, defined and tailored by ex-healthcare CISOs and administrators, brings together HCL's investments in cybersecurity and GRC to address unique needs of healthcare enterprises with a comprehensive end-to-end security solution, strengthening of leadership, end-to-end threat and incidence management, and regulatory compliance.
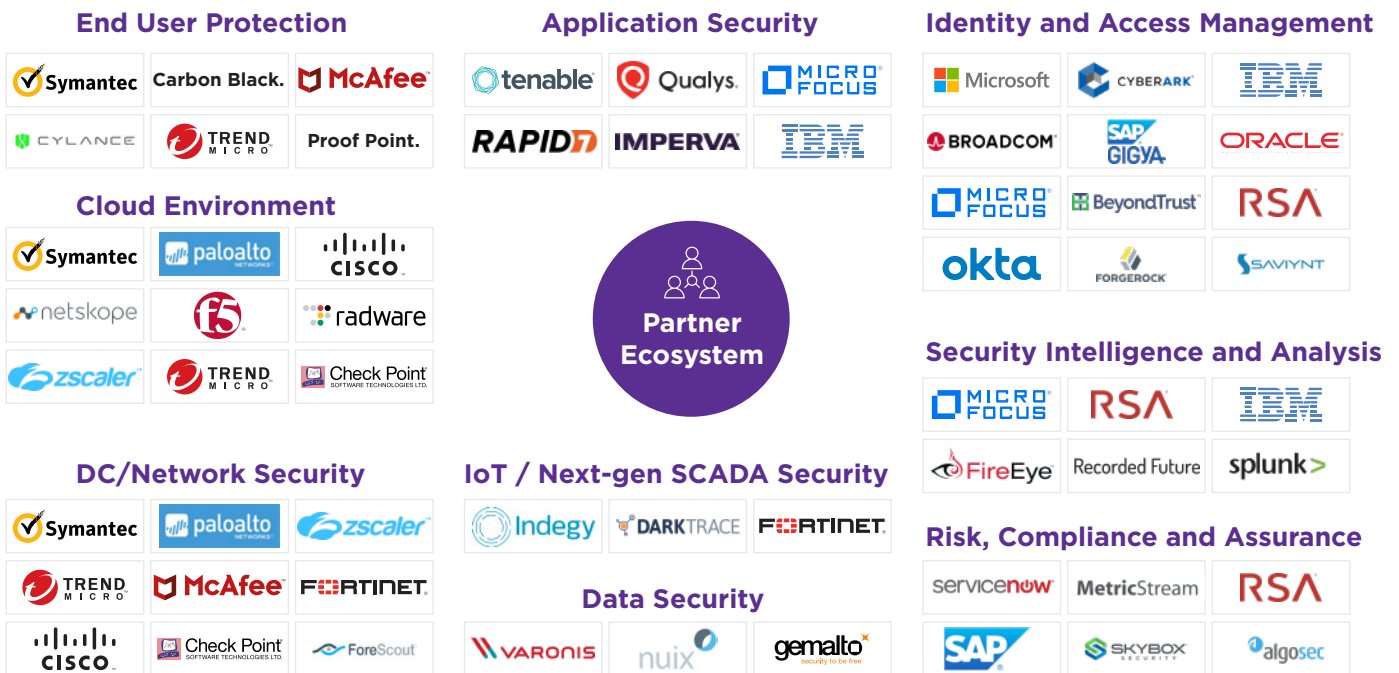
Customer-centric
Standardized Catalog, Flexible Engagement Model

Platform-based
Standardized Platform based As-a-Service offerings

Vendor Agnostic
Partner with 40+ OEMs

hSecure — Healthcare Security Solutions

- 01 GRC Services
- 02 vCISO Services
- 03 Vendor Risk Management
- 04 Data Security
- 05 IoMT Security Services
- 06 Application Security
- 07 Identity & Access Mgmt.
- 08 Training & Anti-phishing
- 09 GDPR compliance

1. HIPAA
2. HiTrust
3. NIST CSF
4. ISO 27001: 2013
5. Privacy Shield
6. GDPR
7. HHS/FDA guidelines
8. Others

Powered by INNOVATIVE SOLUTION FRAMEWORKS

Framework / Accelerator	Description
SAFE	Strategy and Architecture Consulting Framework based on industry standards and best practices
SecIntAl	Framework to deliver contextual and behavioral analytics
BRiCS™	Enterprise IT governance excellence through an integrated and holistic Business Risk and Compliance Management Framework
DIGI-I-FORT	Cutting-edge framework leveraging next-gen technologies for Infrastructure Protection and Ecosystem Assurance
IDaaS	Managing the new enterprise perimeter – "identity" for users, things, partners, and consumers
iBCM-iDRM	Integrated Business Continuity and IT Disaster Recovery Management Framework
Data Privacy Framework	Framework to assess the PII information process, policies, standards, and reports on the risk posture of organizations

Transforming Healthcare Security through a Diverse Partner Ecosystem

HCL's security capabilities are complemented by its rich partner ecosystem. HCL has adopted a multi-pronged strategy towards partner ecosystems in various areas of security such as end user protection, application security, identity and access management, cloud environment, DC/network security, next-gen security, data security, security intelligence, and risk and compliance.

End User Protection
Symantec, Carbon Black., McAfee, CYLANCE, TREND MICRO, Proof Point.

Application Security
tenable, Qualys, MICRO FOCUS, RAPID7, IMPERVA, IBM

Identity and Access Management
Microsoft, CYBERARK, IBM, BROADCOM, SAP GIGYA, ORACLE, MICRO FOCUS, BeyondTrust, RSA, okta, FORGEROCK, SAVIYNT

Cloud Environment
Symantec, paloalto, CISCO, netskope, f5, radware, zscaler, TREND MICRO, Check Point

Partner Ecosystem

Security Intelligence and Analysis
MICRO FOCUS, RSA, IBM, FireEye, Recorded Future, splunk>

DC/Network Security
Symantec, paloalto, zscaler, TREND MICRO, McAfee, FORTINET, CISCO, Check Point, ForeScout

IoT / Next-gen SCADA Security
Indegy, DARKTRACE, FORTINET

Data Security
VARONIS, nuix, gemalto

Risk, Compliance and Assurance
servicenow, MetricStream, RSA, SAP, SKYBOX SECURITY, algosec

Trusted by the Best – Client Success (USA)

Large Non-profit Healthcare System in Mid West

End-to-end Security Vulnerability Management Operations

Implement and manage Qualys Vulnerability Management, Symantec DLP, SEP, and CASB

CyberArk PAM Solutioning and CrowdStrike EDR

Leading BCBS in North East

Implementation, monitoring and support - DLP (Symantec), Two-factor authentication (SafeNet), Qualys scanning, McAfee AV, Checkpoint end point Proofpoint email scanning

Lead critical incident management process, including security incidents

Hospital and Medical Research Center in West Coast

Implementation of Fire Eye – threat intelligence

End of Life Product Upgrade – upgrades to Windows, Linux and SQL environments to make the security compliant

ForeScout – implementation, monitoring and support as a VAR partner of ForeScout

Member-based organization

Vulnerability management

Leading BCBS

Consulting Services to improve and optimize people, processes and technology aspects of the in-house Security Operations Center (SOC)

About HCL's Healthcare Security Practice

40+ Clients

10+ years Healthcare Focus

300+ Consultants

Everest Group® PEAK MATRIX™

HCL has been rated as a **Leader** in Everest Group's **Healthcare IT Security Services PEAK Matrix Assessment 2020** (the inaugural edition)

AVASANT

A leader in Avasant Cybersecurity Services RadarView™, 2019

ISG

A leader in ISG Provider LENS™ Research Quadrant for cybersecurity Solutions and Services

HCL Technologies (HCL) empowers global enterprises with technology for the next decade today. HCL's Mode 1-2-3 strategy, through its deep-domain industry expertise, customer-centricity and entrepreneurial culture of ideapreneurship™ enables businesses to transform into next-gen enterprises.

HCL offers its services and products through three lines of business - IT and Business Services (ITBS), Engineering and R&D Services (ERS), and Products & Platforms (P&P). ITBS enables global enterprises to transform their businesses through offerings in areas of Applications, Infrastructure, Digital Process Operations, and next generation digital transformation solutions. ERS offers engineering services and solutions in all aspects of product development and platform engineering while under P&P. HCL provides modernized software products to global clients for their technology and industry specific requirements. Through its cutting-edge co-innovation labs, global delivery capabilities, and broad global network, HCL delivers holistic services in various industry verticals, categorized under Financial Services, Manufacturing, Technology & Services, Telecom & Media, Retail & CPG, Life Sciences, and Healthcare and Public Services.

As a leading global technology company, HCL takes pride in its diversity, social responsibility, sustainability, and education initiatives. As of 12 months ending on December 31, 2019, HCL has a consolidated revenue of US$ 9.7 billion and its 149,173 ideapreneurs operate out of 45 countries.For more information, visit www.hcltech.com

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