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STARHUB INVESTOR DAY 2020 Ensign: Securing Our Future

18 November 2020



The following presentation may contain forward-looking statements by StarHub Ltd ("StarHub") relating to financial trends for future periods.

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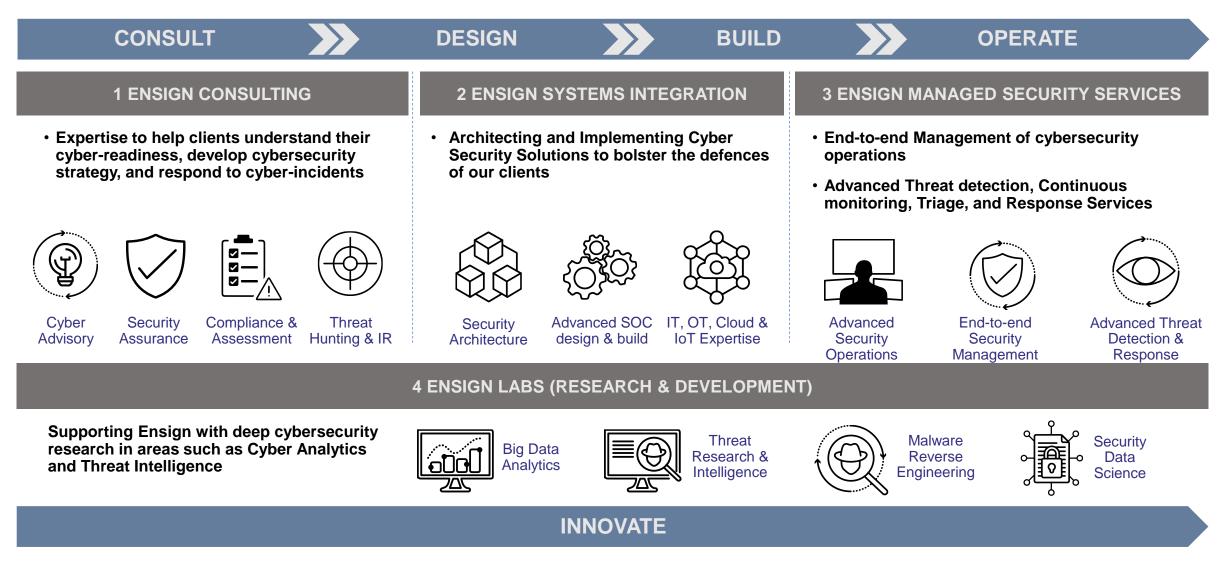
ENSIGN NFOSECURITY

Region's Largest Pure-Play Cybersecurity Expertise & Innovation



TRUE END-TO-END PUREPLAY CYBERSCURITY SERVICES PROVIDER









ARCHITECTURE DESIGN, BUILD & ON-PREMISE OPERATIONS

DEEP EXPERTISE IN BUILD-AND-OPERATE FOR COMPLEX PROJECTS

Unique insight into operational requirements

Experience in designing solutions that cater to specific and bespoke needs

Project builds with complex and interconnected parts

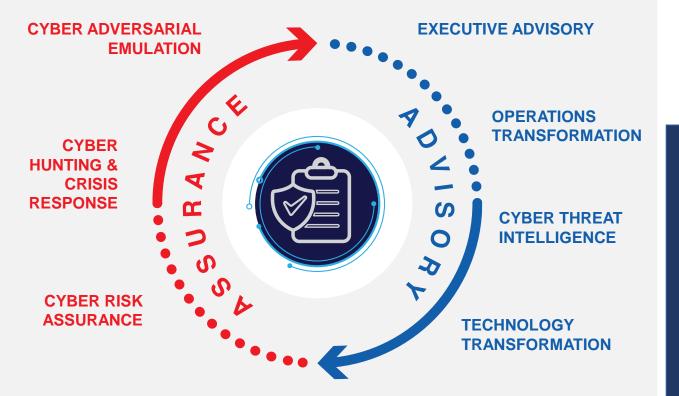


ADVANCED THREAT DETECTION & RESPONSE Consulting & Managed Security Services



CONSULTING

Enabling Robust Cybersecurity Strategies against the Threats of Tomorrow



MANAGED SECURITY SERVICES

Full Telemetry & Enhanced Visibility Over Data Environments & Networks

3 SOCs

Singapore, Malaysia, Hong Kong

~50 Enterprises

Monitored by Ensign's Commercial SOC in Singapore

KEY CAPABILITIES Enhanced Accuracy; Quicker Detection

Ensign Cyber Threat Intelligence Platform

Contextualised & actionable cyber threat intelligence Network Traffic Analytics

Complete visibility:

faster response time

Powered by Automation

Accuracy, consistency & efficiency in handling security alerts & incident investigation

LABS: PROPRIETARY CYBER THREAT INTELLIGENCE *Powered by Big Data & AI; Deep Domain Expertise*



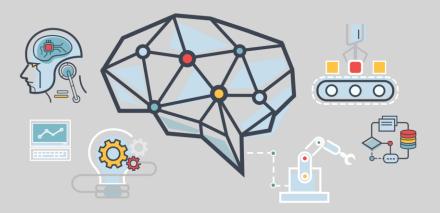
Augment and power Consulting, SI and MSS business units to provide more value to clients:

REAL-TIME STREAMING DATA



- Access to large volumes of network traffic data, including traffic that hackers use to exfiltrate sensitive data
- Ability to process massive data volumes to derive meaningful insights

MACHINE LEARNING ALGORITHM



- Apply efficient big data algorithms to high capacity real-time streaming data
- **Dynamically learn to differentiate** between normal and abnormal traffic behavior
- Identify anomalous/malicious activities that evolve faster than the known IoCs in typical threat intel feeds

ACCESS TO TOP-TIER CAPABILITIES & PARTNERS GLOBALLY



SYGN**/**A

Professional services firm founded by Team8 and former Unit 8200 personnel



Cyber IT analytics firm specialising in detecting threats on networks

CLAROTY

Cyber OT analytics firm specialising in protecting ICS assets



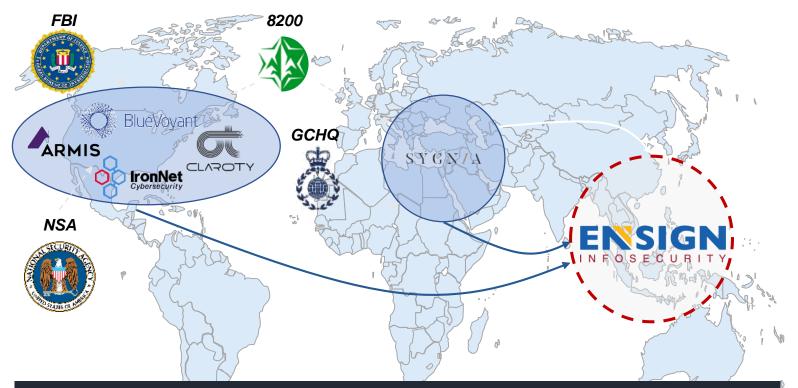
Agentless Cyber platform specialising in securing unmanaged and IoT devices

Threat intelligence firm with unique access to global DNS data, MSS and professional services capabilities



ueVoyant

Expertise in the research, design, and development of nextgeneration cryptographic solutions to address data security concerns

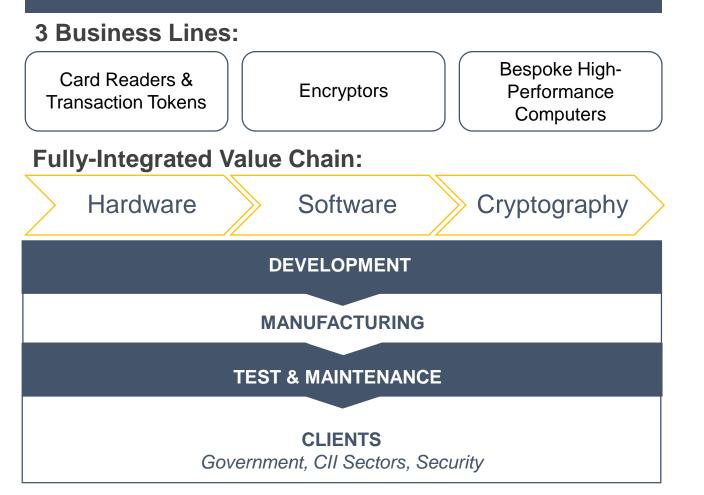


- Access to a large global pool of highly talented cyber operatives
- Tap on partners' expertise to strengthen delivery of solutions for Asia-Pacific region
- Cyber luminaries among Ensign's network of cyber strategy advisors (ex-NSA, FBI GCHQ, etc)

D'CRYPT: CRYPTOGRAPHY EXPERT D'CRYPT



Develop & Deliver Advanced Cryptographic Tech for High security Assurance Applications



PROVEN TRACK RECORD

MANAGING & DELIVERY OF LARGE PROJECTS

D'Cryptor ZE

Computational & security core used in the Electronic Road Pricing (ERP) IN-Vehicle Unit currently used in Singapore's existing ERP System.

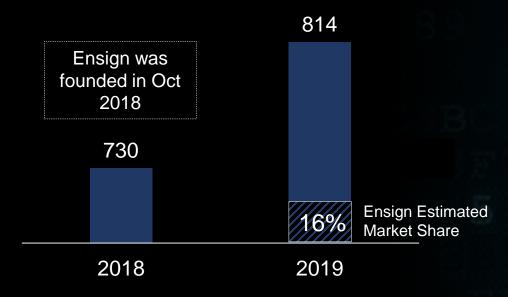
ADVANCED R&D NEW PRODUCTS; QUICK TIME TO MARKET

BluePass & BlueGate

Commenced delivery of over 450,000 enterprise IoT devices for contact tracing in 2020.

SUBSTANTIAL MARKET POTENTIAL

S\$'M



¹ Source: Gartner / Business Times, 15 August 2018

C4B2

F6

6E

E

R2

F

F

6

F

C3

PROTECTING THE CRITICAL INFORMATION INFRASTRUCTURE SECTORS





Regulatory agency in Singapore

Designed, built and resourced an Advanced Security Operations Centre GOVERNMENT that included CTI, SOAR, compliance and vulnerability management, and big data analytics



BFSI

Tier 1 banks in Singapore and Malaysia Providing Managed Security Services, on-site support and maintenance,

and 24/7 security incident monitoring services for top banks in the region





LAND TRANSPORT





WATER

INFOCOMM

















ENERGY

One of Asia's biggest chemical companies

Performed an Integrated

Assessment and Proactive

Managed 2 breaches since

Threat Hunting across 7 sites.

commissioning, and identified

480 unique malware variants

Cybersecurity Maturity

in 3 months



HEALTHCARE

Leader in Healthcare IT digitalisation for the country's health ecosystem

Implemented a sector-wide Database Activity Monitoring solution that discovers sensitive data, identifies vulnerabilities, and monitors database user activity to protect against data breaches

KEY GROWTH STRATEGIES

01

Deepen existing customer relationships, pursue larger & more complex projects

02

Diversify & broaden customer base Sectorial opportunities: Industrial, manufacturing, healthcare

03

Strengthen suite of capabilities and partner collaborations

04

Deepen footprint in existing markets; explore new regional opportunities

05

Ride 5G wave – increased need for cybersecurity services

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