



Ever-evolving solutions. For **ever-evolving threats.**

How NCS Cyber can help you **secure your digital transformation**, whatever comes next

Digital transformation and remote work has a complex relationship with security

CISOs and cybersecurity teams today must enable remote work environments, while protecting corporate resources



Adoption of multiple cloud services



Remote work as new norm



Changing communication patterns of working teams



Automation – machine learning is redefining cybersecurity

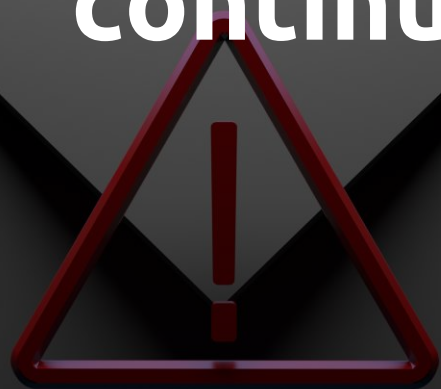


Emerging technology manifesting risks in new ways



Challenges on higher turnover with cyber and risk professionals

The cyber threat is very real, and continues to grow



47,000

phishing URLs with a Singapore link were detected

16,117

cybercrimes accounted for 43% of all crime in Singapore

Average 6,600

botnet drones were observed a day in 2020, more than double 2019 rates



Cybersecurity is not just about technology, code and processes. It's about people too.

When we understand behaviour and risk, we're better equipped to defend.



It's not if,
but **when.**

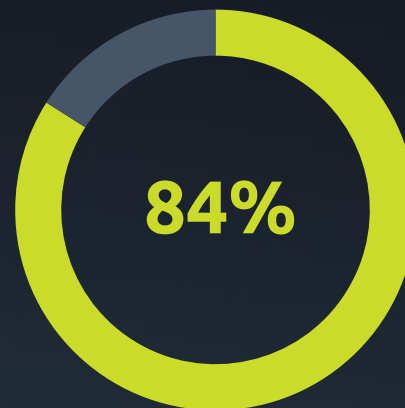
Everything we do
is about being as
prepared as possible
to pre-empt attack
and mitigate impact.

Preparation is your protection

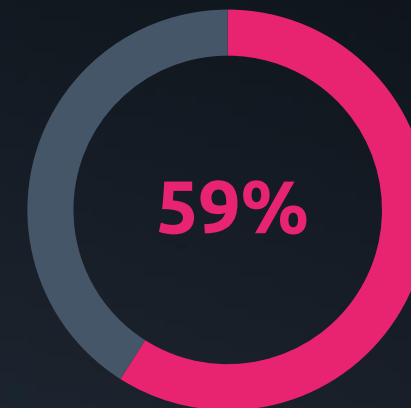
Cybersecurity must be seen as a strategic business issue that impacts decision-making.



AP risk management executives see cyber incidents as their #1 business threat in 2021, cited by 41% of experts¹



of security focused executives and business executives considered cyber resilience as a business priority yet a third has yet to integrate that in their enterprise risk management²



of executives found it challenging to respond to a cybersecurity incident due to the shortage of skills within their team³

¹ Allianz Global Corporate & Specialty, Allianz Risk Barometer 2021

² World Economic Forum Global Cybersecurity Outlook 2022

³ World Economic Forum Global Cybersecurity Outlook 2022

A comprehensive approach



NCS Cyber is built on an end-to-end philosophy.

We bring together a comprehensive suite of solutions to help organisations build resilience and protect what matters most as the world around them changes.

nCS  **cyber**



NCS has been a trusted advisor for
governments and enterprises across Asia
for over 40 years.

Who better to help protect and secure your
digital transformation, than the people who
can build and implement it too?



**We are the cyber experts
that sit within this regional
technology powerhouse.**

Able to tap into its growing network
of experience, resources, and talent.

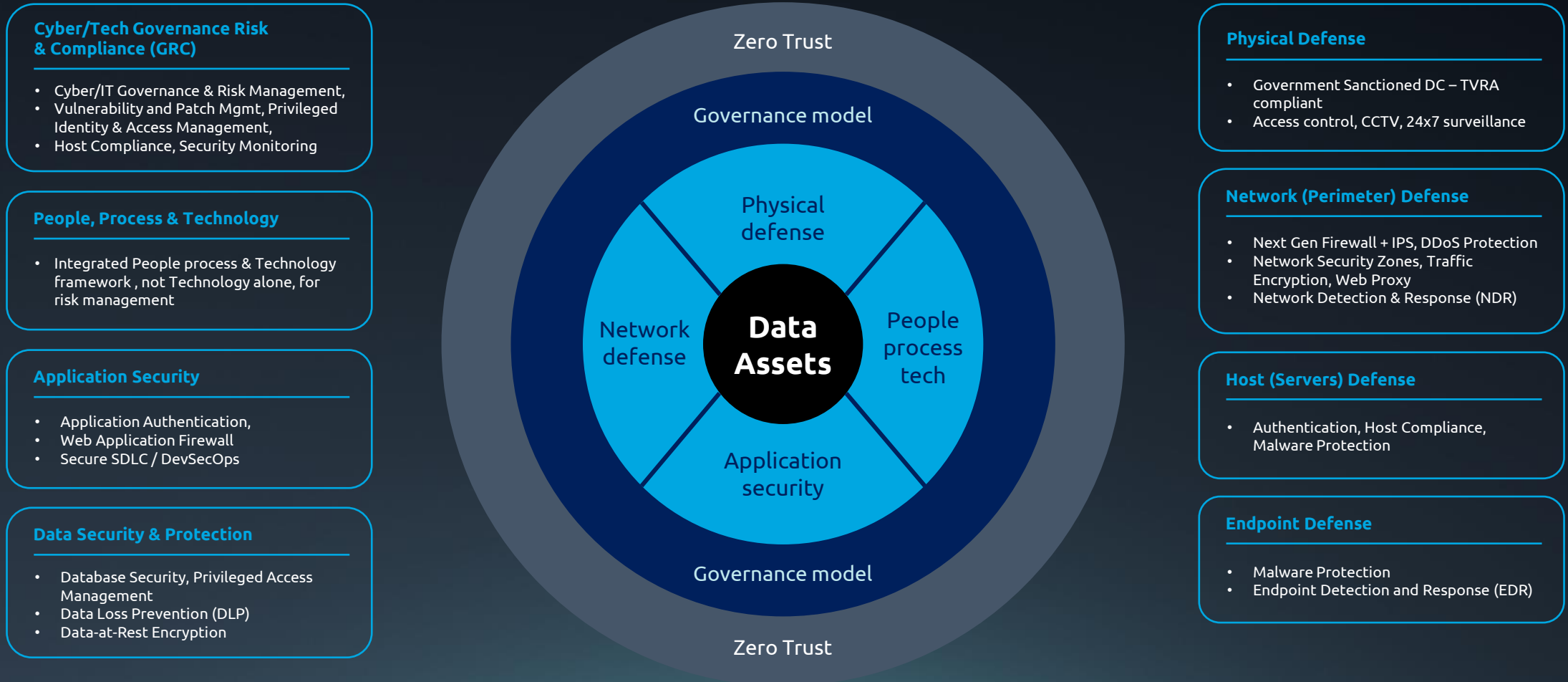
Offerings and solutions to secure every aspect

Advisory / Consulting	Cyber Special Ops - R&D	Project & Service Leadership	Managed Security Services	Services	
<ul style="list-style-type: none"> • C-level Advisory • CISO-as-a-service • Governance Risk & Compliance Advisory • Technology Risk Mgmt (TRM) Advisory • Cybersecurity Maturity Assessment* • IT Risk Assessment • IT & Security Governance • Data / Cyber Security Improvement Program • Control Gap Assessment (e.g. ISO, MAS TRM, CSA) • Security Testing (VA/PT/HCR) • Policies / Standards & Procedures Review • Security Training 	<ul style="list-style-type: none"> • Cyber <-> AI/Data Analytics (Cyber Analytics, AI Security) • Cyber Physical Security Systems – OT/IOT/5G Security • Data Security & Privacy (including data loss prevention – DLP) 	<ul style="list-style-type: none"> • Cyber Project Mgmt / Leadership • Security Service Delivery Management 	<ul style="list-style-type: none"> • Operate cybersecurity operations centres • Manage information security functions • Manage and maintain security appliances 		
	Cyber Access Management	Threat Monitoring	Endpoint & Network Security	Solutions	
	<ul style="list-style-type: none"> • Privileged Identity & Access Management • Enterprise Identity & Access Management • Multi-factor Authentication (MFA) • Key Management / Hardware Security Module (HSM) • PKI / Certification Authority 	<ul style="list-style-type: none"> • Security Info & Event Management (SIEM) • Security Orchestration, Automation & Response (SOAR) • User & Entity Behavior Analytics (UEBA) • Database Activity Monitoring • Threat Intelligence Platform 	<ul style="list-style-type: none"> • Endpoint Detection & Response • Network Detection & Response • Content Disarm & Reconstruction (CDR) 		
	Cloud Security				Business and operational
	<ul style="list-style-type: none"> • Cloud Security Posture Management • Cloud Workload Protection Platform • Cloud Security Mesh Architecture* 		<ul style="list-style-type: none"> • Secure Edge Cloud Compute* • Secured Access Service Edge (SASE)* 		
Cyber Architecture					
<ul style="list-style-type: none"> • Design, build and deliver security architectures • Holistic system integration from cyber security solution & service domain • Review client Cyber architecture 					

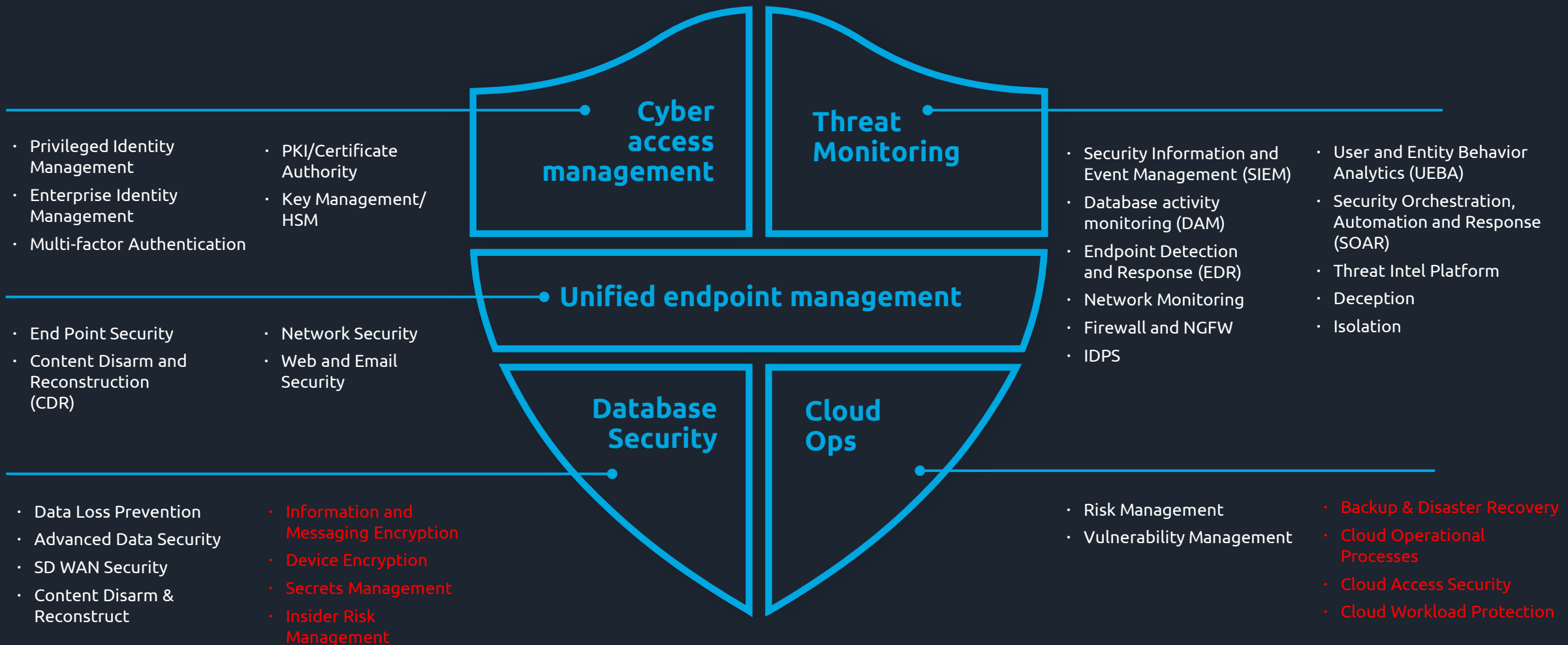


We help you stay ahead with defensive strategies and models built to protect every aspect of your organisation.

Our model to assess the threat landscape within the organisation



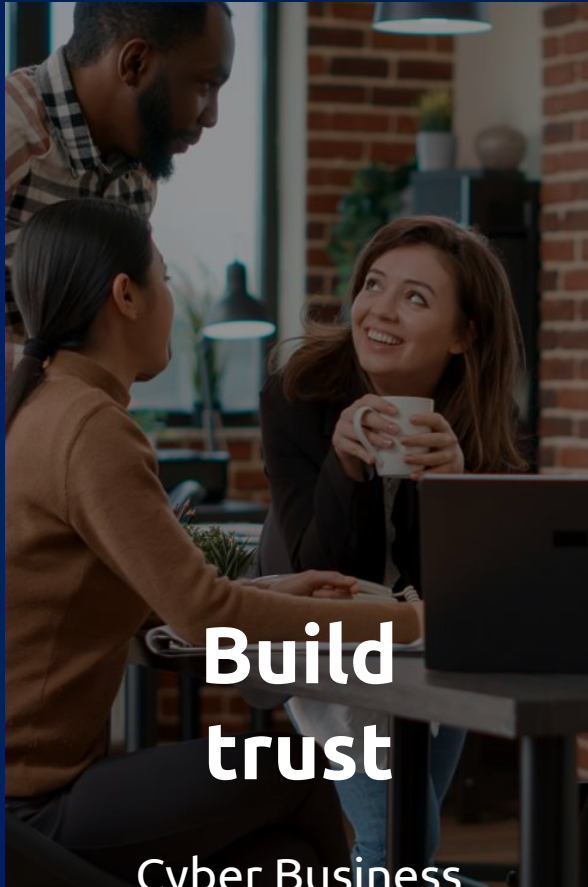
We build multi-layered security controls



Partner-agnostic and customer- centric approach

We're not tied to one technology provider, so we can bring together the best solutions for clients' specific needs. Integrating them into one end-to-end solution you can count on.





Build trust

Cyber Business Solutions & Services



Optimise Security & Tech

Cyber Technology Solutions & Services



Instill resilience

Cyber Managed Security Services

Our Services



Gaining leadership support

- Consulting & CISO services
- Cybersecurity Architecture
- Governance, Risk & Compliance
- Technology Risk Management
- Cybersecurity Maturity Assessment
- IT Risk Assessment and Governance
- Control Gap Assessment (ISO, MAS TRM, CSA)
- Security Testing (VA/PT/HCR)
- Policies, standards & Procedures review
- Security training
- Cloud Security
- Cyber Architecture
- Special Ops

Cyber Business Solutions & Services (CBSS)

Specialized services for security testing, cloud and data security, as well as Governance, risk management and compliance

Executive Sponsorship

Secure top down support to drive organizational change through c-suite and board advisory

Translate cyber risk into business impact

Elevate cybersecurity and cyber resilience from infrastructure conversations to business strategy

Stakeholder Alignment

Align application owners, IT & Security/compliance teams

Partner engagement

Identify expert partners and bring cyber to any infrastructure

Our Services



Gaining leadership support

Cyber analytics

Cyber-physical system security

Data protection and privacy

Cyber Business Solutions & Services (CBSS)

Specialized services for security testing, cloud and data security, as well as Governance, risk management and compliance

9

Filed patents

35

Research staff
(NCS + NUS)

70

Research
publications

Continuation from NUS-Singtel Cyber Security Corporate Lab

Contribution to top-tier international conferences



3rd in Asia University
Rankings 2022*
21st in World University
Rankings 2022*

* Source: Times Higher Education, 2022



Leader in digital and
technology services



ACM Conference on
Computer and
Communications
Security



Our Services



Optimise security & technology

Technology governance (SASE, Endpoints, DNS exploit, ransomware)
Operational leverage (Solution architect, project management, One Care)
Strengthened cyber posture
Streamlined operations
Total customer experience

Cyber Technology Solutions & Services (CTSS)

Design and implement market-leading cyber technology solution to secure client's digital environment

Cyber access management

Unify identity management and secure identities to implement zero trust and manage security state of hybrid workloads with a single view

Threat monitoring

Comprehensive, multi-layered cyber protection through cloud-native SIEM and AI-driven security analytics

App, endpoint & network security management

Encrypt data, and protect keys and secrets used by apps and enhance the protection of your workloads for the full control lifecycle for your customers.

Addressing Digital Boundary shifts



Current

Infrastructure has been **closely aligned** with cyber from a network perimeter & endpoint protection perspective

1



Trending

Digitalization of services with cloud adoption and enterprise mobility has **expanded** the threat vector beyond the traditional perimeter defense

2



Response

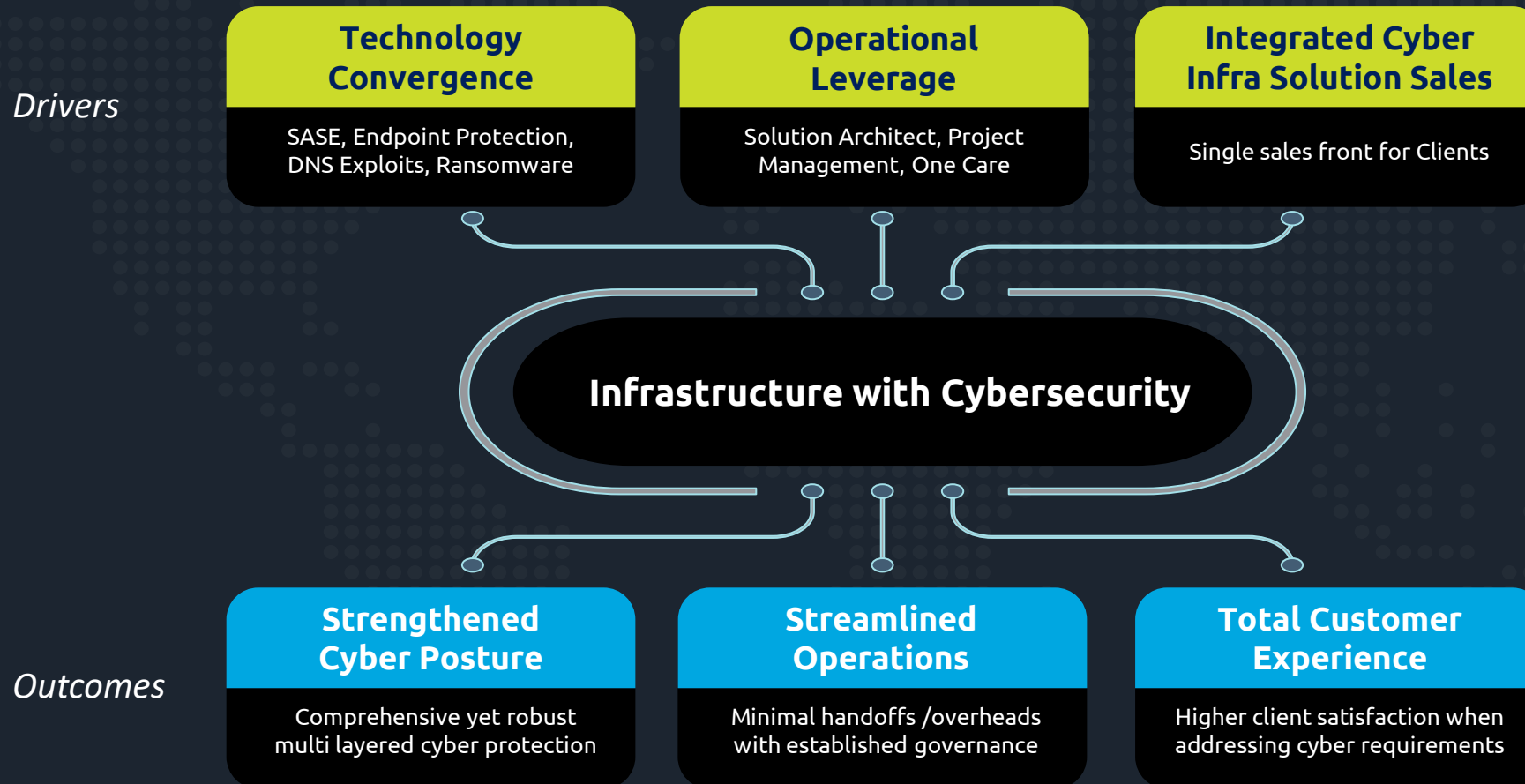
Housing Infrastructure and cyber service groups together will **strengthen** our client's security posture against **increasingly sophisticated** cyber attacks

3

Stronger Together

Stronger Together

Infrastructure Integrated with Cybersecurity



NCS Cyber Infrastructure Offering

Enabling intelligent borderless IT



Customer Experience



Digital Transformation



Employee Experience

Focused Solutions



Workforce Evolution

Empower workforce productivity and mobility as the future of work



Hybrid Cloud Acceleration

Adapt any applications to scale on any platforms as required



Intelligent Insights

Provide data driven insights to enable right timely decisions



Always Connected

Intelligent connectivity based on user roles and intention



Secure First

Securing business and its critical assets against cyber threats



Service Driven

Delivering platforms to govern efficient service and operations management

Features Integrated | Automated | Secured | Consumption Based | As A Service Model

End to End Service Lifecycle

Consulting Services

Design, Assess, Consult

Technology Services

Build, Integrate, Migrate

Support Services

OneCare

Managed Services

Operate, Optimize

OneCare **Cyber** Support

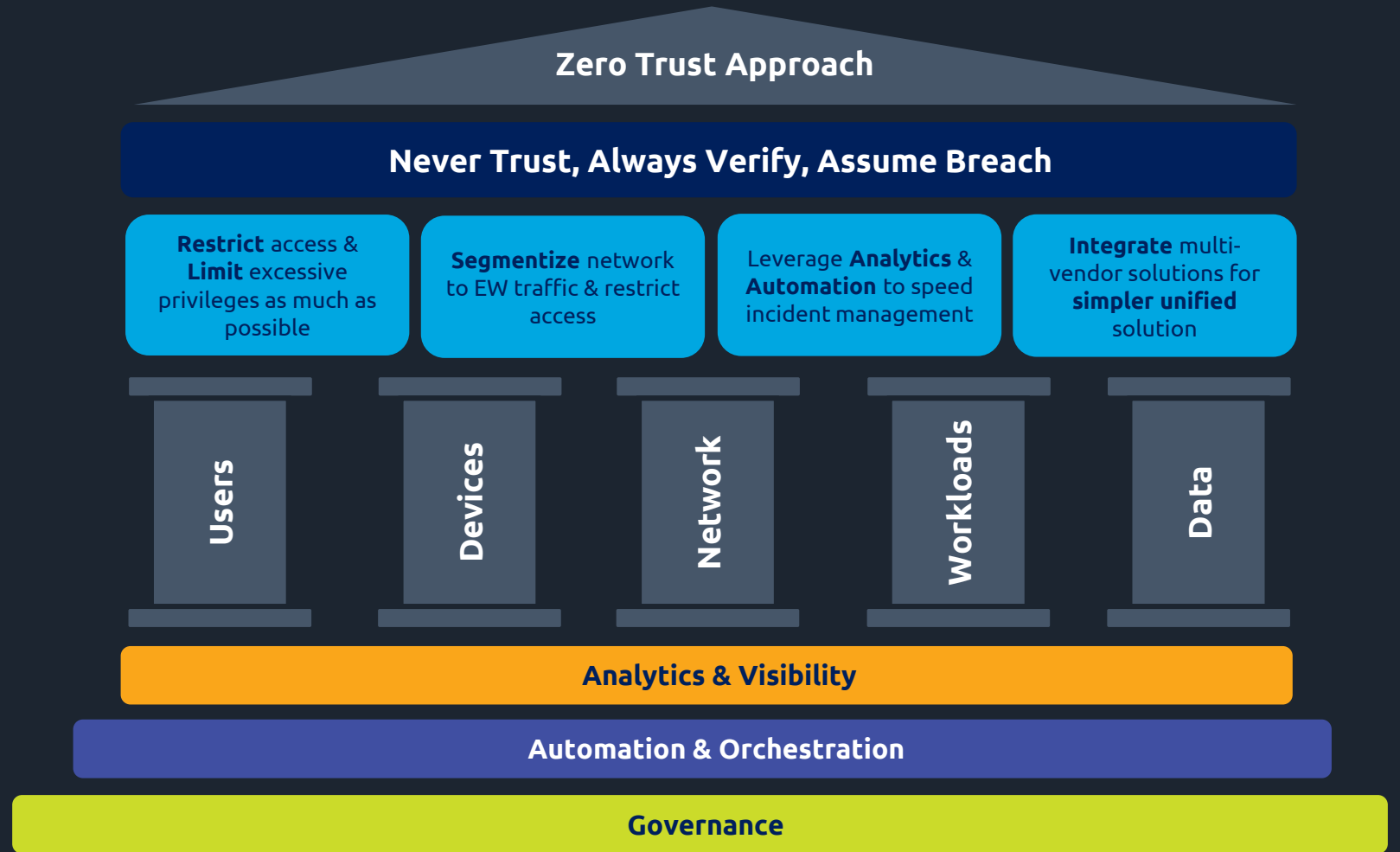


Zero Trust Security Model

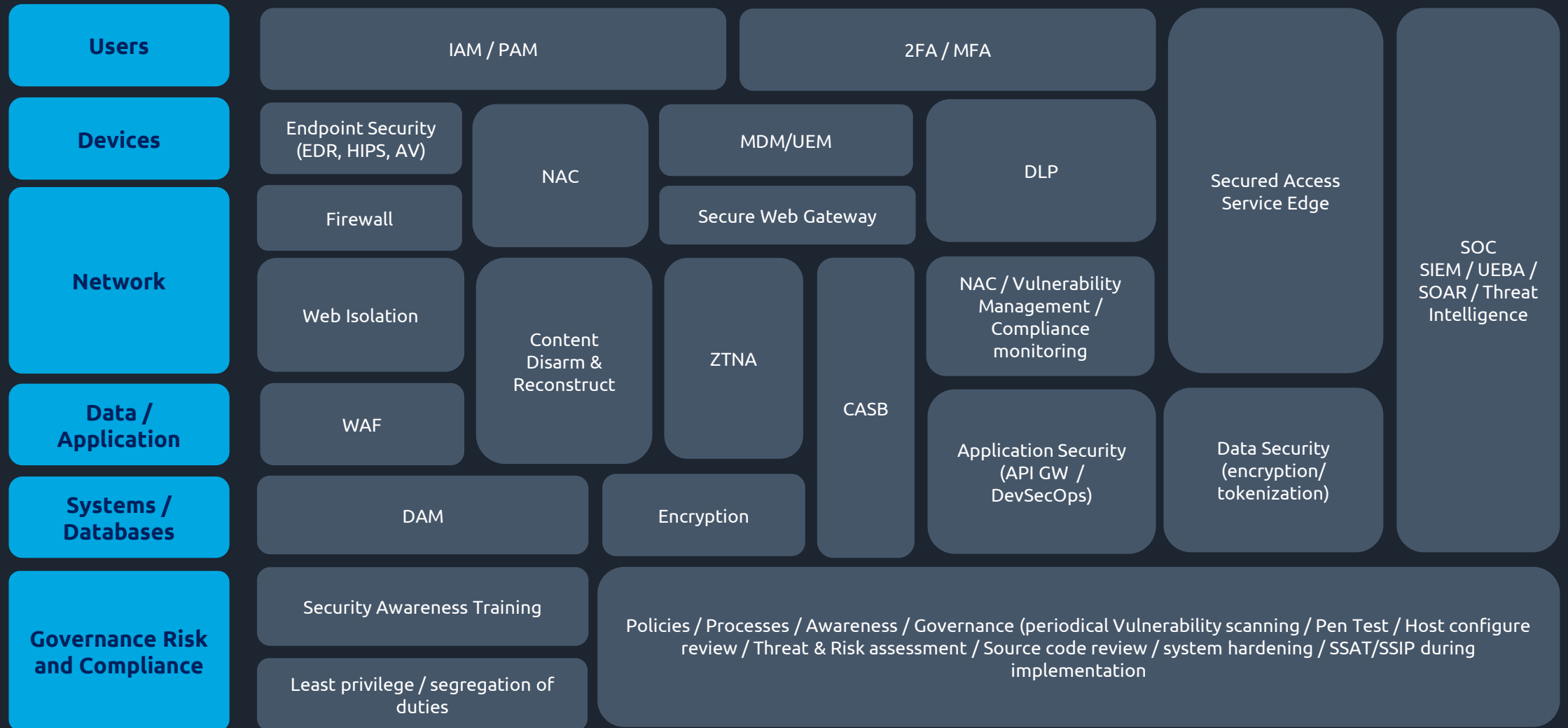
(People, Process, Technology)

“ Zero trust...is useful as a shorthand way of describing an **approach** where implicit trust is removed from all computing infrastructure. Instead, trust levels are explicitly and continuously calculated and adapted to **allow just in time, just enough access** to enterprise resources ”

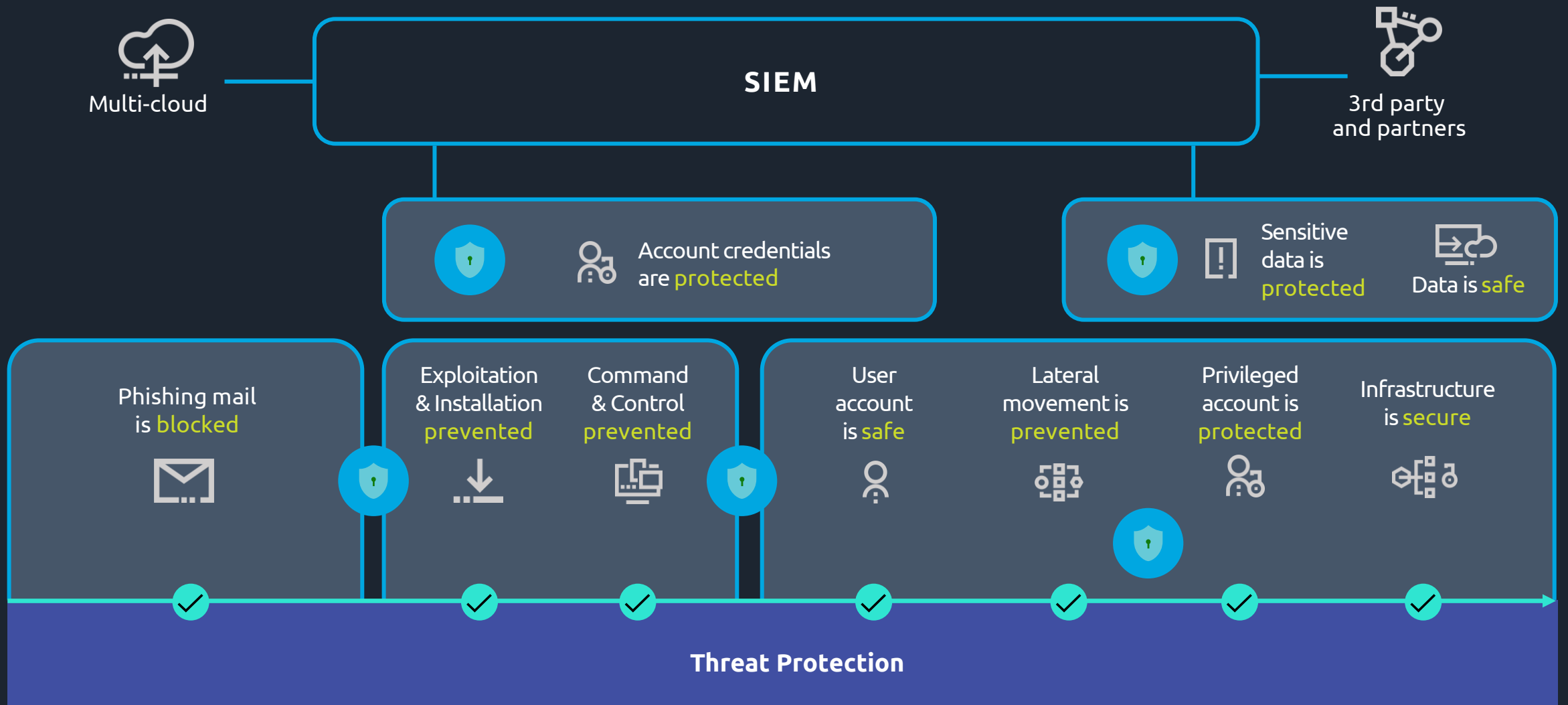
Neil Macdonald
VP Analyst
Gartner



Zero Trust Based Solution Framework



NCS cyber closes the evolving cyber threat gaps



Our Services



Build resilience

Cyber project management, leadership
Security service delivery management
Cybersecurity operation centres
Managed cyber functions
Managed cyber devices and appliances

Cyber Managed Security Services (CMSS)

Managing client's cyber environment to secure client's digital assets

Service leadership

Delivery of cybersecurity services ensure service obligations (SLA) are fulfilled and ensure business continuity to avoid costly disruptions.

Managed cyber ops

Take advantage of the resilient NCS foundation, process, tooling and program investment which runs every type of workload.

Managed cyber devices

Manage cyber security appliances that clients have implemented in their environment to ensure uptime, configuration, security updates and incident management services

NCS Cyber Managed Security Services (CMSS)

(People, Process, Technology)



Service Leadership

Oversee the continuous delivery of cybersecurity services to major clients

- Ensure Service obligations (SLA) are fulfilled.
- Our Service Delivery Managers work with clients to identify gaps and propose improvement plans.



Managed Cyber Ops

Manage our client's cybersecurity operations

- Operate client-owned security operations centres on their behalf
- Develop and oversee security framework and policies; assess adequacy and effectiveness of security controls and monitoring compliance to legislative, regulatory and organizational requirements.
- Provide Security Operation Centre (SOC) analysts and responders and IT Security Manager and Officers (ITSOM, ITSO) to clients



Managed Cyber Devices

Manage cyber security appliances that clients have implemented in their environment.

- Maintain uptime, provide configuration and update services to our client's managed devices.
- Incident management and change management services
- Provide security and SOC engineers to our clients.

Why NCS Cyber?

Securing our client's digital business post Covid

Client Benefits

- Focus on business outcomes, not technology complexities
- No partner or technology lock in
- Harness on technology to enable business
- Single partner across Apps, Infra and Cyber
- Integrated Solution that is fit for purpose
- Cyber Risks mitigation

Why NCS Cyber



Brand Agnostic Approach



Large Scale Systems Integration Projects



Deep Sectorial & Broad Cyber Domain



Integrated Solution & Delivery



Strong Cyber Partnerships



Security Built in by Design

OUR EXPERIENCE

OUR EXPERTISE

OUR EXCELLENCE

20

Top Tier Partnerships

50+

Professional Cyber Certifications (eg CISSP, CISA)

460+

Cyber Projects in 2021

300+

Cyber Professionals

100+

Cyber Products

93

Client Accounts

20+

Cyber Architect

100k+

Endpoint Protection

And we work with different teams to support your goals

Different levels of engagement to address different security imperatives

Cyber Technology & Operations (T&O)



CTSS

Cyber Architecture & System Integration (SI) Services



CTSS

Implementation of Cyber Technology Products



CMSS

MSS / SOC

Cyber & Tech Governance, Risk and Compliance (GRC)



CBSS

Governance, Risk & Compliance (GRC) Advisory / Risk Assessment



CBSS

Security Testing VA/PT



CBSS

IT/Security Control Review/Audit

Business priorities



CBSS

C-level Advisory & CISO-as-a-Service

Your end-to-end cyber security partner

Large Complex Project Experience

- Multi-technology cyber competencies
- Cyber Integration across infra / apps / cloud / DevSecOps
- SOC implementation for HTSOC / IHIS

Broad Security Consulting Domain

- Governance, Risk and Compliance
- Enterprise and Cloud Security Architecture
- Cyber / Tech Risk Assessment & Training
- Security Testing / Systems Hardening

Deep Client Sectorial Experience

- Ex-CISOs / former GRC heads with years of experience from different sectors esp. FSI
- SG Govt Security Standards (MAS TRM, IM8)

Joint Collaboration with NUS

- Access to 15-20 researchers
- IP Creation / Innovation (5 IPs created till date)

Focused Research Areas

- Cyber with AI/Data Analytics
- Cyber-Physical Security Testing (OT/IOT/5G, Vulnerability Research)
- Data Security & Privacy (quantum resistance, advanced crypto, enhanced data sharing)

A man and a woman are looking at a tablet together in an office setting. The man is on the left, wearing glasses and a dark shirt. The woman is on the right, wearing a light-colored blazer over a striped shirt. They are both smiling and looking at the tablet. The background is a blurred office environment.

Threats never
stop evolving,
neither do we

Always-on and always evolving

NCS works with all kinds of organisations to build flexible solutions from different modules, iterating and adding components as needed to adapt to the evolving needs of cybersecurity.

We work with multistakeholder communities to enhance cyber resilience by developing and scaling forward-looking solutions and promoting effective practices across digital ecosystems.





nCS // // **cyber**