RICHARD TEE MSC CENG CISSP

IT and Information Security Manager
CEng CISSP CCSP CISM C|EH

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SUMMARY

A very experienced and competent cybersecurity Expert who has secured most domains, such as Traditional IT and Cloud. OT and IoT are also across most sectors, with examples being but not limited to business, automotive, aviation, telecoms, and military verticals. Has kept abreast of new regulations and requirements like DORA, TBEST, CBEST TIBER-EU etc.

A cybersecurity expert who is a true engineer and holds chartered status, who learnt their trade in the military where they worked on heavy electrical, hydraulics as well as the computer systems that controlled them, they used this knowledge to help contribute to the UK's Centre for the Protection of National Infrastructure SCADA Information Exchange(CPNI SCSIE now managed by the NCSC).

Managed significant complex deliverables and policy-based and innovative technology solutions on time and within budget.

Has led, created and formed teams to deliver complex projects and consultancy engagements. This started in military at twenty-three and has continued as a thread of their career.

EXPERIENCE

Principal Cyber Consultant
02/2023 - 03/2024

NTT

NTT is an IT services provider that supports customers by providing critical solutions, managing services, consulting, and selling software. During employment, they:
· Manages cybersecurity using globally recognised standards, including in-country and industry-specific ones.
· Has assisted customers in the identification and documentation of cyber risks.
· Has assisted customers in creating tailored policies and procedures for their organisation's risk management.
· Maintains their knowledge to advise on new legislation and regulations, e.g., DORA, NIS2, etc, and subsequent schemes such as CBEST, TIBER, etc.
· They were accountable for advising the secure migration of a significant global consultancy to its stand-alone infrastructure, which included the policies, procedures, and technical infrastructure, including AWS, Azure, PAM, IAM MFA, SASE, etc., and policies and procedures.
· They have carried out a gap analysis of customer ISMS and given recommendations for improvement.

UK Cybersecurity Team Leader
05/2022 - 02/2023

EXPLEO
Location

Expleo is a global engineering and technology consultancy that supports the public and private sectors. Unlike other consultancies the focus was on IoT and OT using such standards as ISO 21434 as well IEC 62443.   Standard IT was also covered where was required to support the "live environments". He was the UK-based Cyber team lead for the consultancy, doing:
· Responsible for delivering cybersecurity to diverse customers across multiple verticals, including IoT, Aviation, MOD, Automotive, Trains and critical infrastructure.
· They created and reviewed secure architecture documentation.
· They analysed existing consultancy capabilities and processes to develop a roadmap for improvements.
· Furthermore, they trebled the size of a consulting team whilst increasing utilisation.
· They interviewed and recruited for general and specific contracts. Has managed internal stakeholder relationships whilst improving external customer engagement.
· Mentored staff and created training plans.

SKILLS

Cybersecurity · Management ·
Architecture · Leadership · Mentor ·
Cloud Security · Disaster Recovery · IAM ·
Information Security · IoT · ISMS · JSP ·
PCI · Customer Focused ·
Requirement Management · NIST CSF ·
TSA · DORA · CBEST · TOGAF · JSP ·
DOD · Mitre

TRAINING / COURSES

CISSP

CEng

CCSP

CISM

C|EH

MSc Engineering Management
University of Portsmouth

BSc(Hons) Technology Open
University

DipM - Diploma in Management

STANDARDS USED

◈ ISO 27001

◈ IEC 62443

◈ ISO 21434

◈ CIS

◈ NIST CSF

◈ PCI

◈ Cyber Essentials

EXPERIENCE

Senior Cybersecurity Consultant/Architect
11/2017 - 05/2022

Fujitsu Defence

Fujitsu DNS is a specialised part of Fujitsu focusing on delivering secure government services. This role included:
· Accountable for secure design and assurance activities for significant HMG investment.
· Training of Cyber apprentices and summer placement students.
· Championed policy-led security architecture ensures security risk is managed in the present and incorporated into future developments.
· Accountable creation of new procedures and processes and review of existing ones when new systems are to be implemented, or existing ones are changed.
· Worked to develop a replacement to the UK-HMG easy-to-use but deprecated IS1 Risk Tool

Security Architect
01/2005 - 01/2017

NATS

NATS is the UK En-Route Air Traffic service provider supporting civil and military safe airspace H24 all year round. NATS is not a traditional IT environment once away from the business systems, all operational IT had to have a Safety Cases as such was treated and managed as OT with very stringent Safety Cases. Radars, Navigation Aids, HVAC and back up power generation also had to be secured whilst still supporting Safety Cases.
Initially employed as System Engineer, they later took on roles as Military Systems Architect, followed by being asked to assume the Information Security Architect role.   Cyber activities included:
· Responsible for security requirements for significant new investments.
· They created an ISO27001-compliant ISMS for a space-based project for the European Space Agency.
· Represented NATS on the System Control and Data Acquisition Information Exchange (SCSIE), organised by the UK Centre Protection of the National Infrastructure(CPNI).
· Responsible for delivering a "Hot" contingency capability for MOD customers within six weeks, given tight budgetary constraints.
· Responsible for successfully implementing the supply of safety-of-life near real-time data encrypted to UK government standards from UK air traffic control centres to secure military systems on budget over new national infrastructure.
· Was a member of the UK delegation to the ITU-R in Geneva (the UN Body for coordination, regulation, and communication).
· Received awards for innovation.

Computer Engineer
01/1983 - 01/2005

Royal Navy

A gifted diagnostic engineer and cyber champion during military service.
· They have created and maintained a secure culture on two naval platforms by ensuring management "buy-in" and education.
· Military time included appointments to train future maintainers and managers in securing and supporting critical systems; this was where the ability for teaching and mentoring grew from.
· Received awards for innovation from the UK MOD for cost savings, safety improvements, and increased system availability.

CERTIFICATION

CISSP Certified Information System Security Professional

2010

CISM Certified Information Security Professional CISM

2012

C|EH Certified Ethical Hacker

2014

CCSP Certified Cloud Security Professional

2015

CEng Chartered Engineer

2013

STRENGTHS

◈ Training and Mentoring
The development of staff has been consistent, to increase productivity and improve work environment

◈ Cybersecurity Management
Over 30 years of experience managing cybersecurity, ensuring the security of critical systems and national infrastructure.

◈ Policy-Led Security Architecture
Champions policy-led security architecture to manage security risks in the present and future developments.

◈ Customer-focused
Work at MOD and NATS, has allowed them to understand the customer position and therefore effective in making security real to customer

◈ Global Standards Knowledge
Maintains knowledge on various global cybersecurity standards and advises on new legislation and regulations.