

A practical approach to cyber  
security that keeps your business  
operations secure

How we work with clients



Find your way  
around

What we do

How we work

Project Management  
process

Operational Technology  
Security

Cyber Security Project  
Delivery

Cyber Security Risk  
Management

Cyber Security 24/7  
Monitoring

Cyber Security Operational  
Management

Technology & Service  
Partners

Leadership Team

## What we do

Five routes to a solution through our service offering

### Cyber Security Project Delivery

Infrastructure security project delivery. Including complex data centres, cloud, systems, networks, and transformation projects

### Cyber Security Risk Management

Review of your business environment with risk assessments and security audits. We provide advice and recommendations

### Cyber Security 24/7 Monitoring

Review of your business environment with risk assessments and security audits. We provide advice and recommendations

### Cyber Security Operational Management

Our qualified engineers support a wide variety of on-prem & cloud security solutions providing operational management

### Operational Technology Security

We are cybersecurity experts in Operational Technology (OT), Industrial Control Systems (ICS) and Internet of Things (IoT)

We are based in London

We operate in 25 countries

We are a team of 24/7 security analysts

10,000+ user projects

5,000+ servers security design

Our SOC is ISO27001 accredited

## How we work

### Partnership Model

We partner with you from start to finish

### Full Project Management

We don't just tell you what to do. We actually do the work for you. We own your project delivery from end-to-end with full accountability

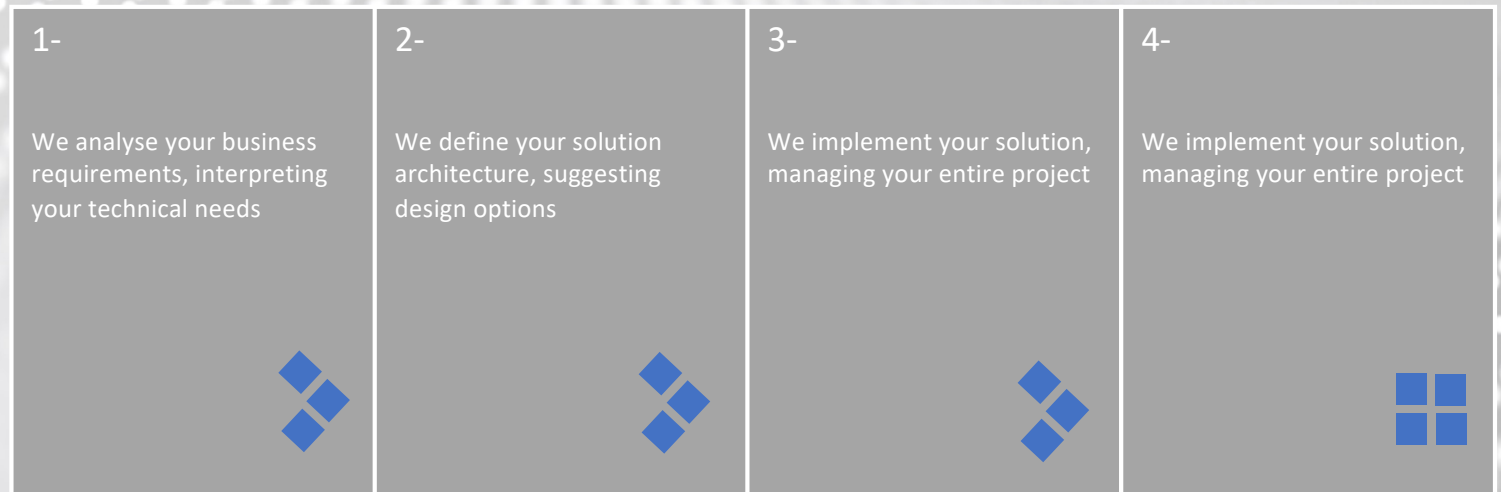
### Flexible Pricing

Affordable projects are tailor made to achieve your goals

### Flexible Delivery Model

We use your existing security resources where possible. We help you source security tools if needed

## Project Management Process



# Operational Technology Security

We've a tailor made security risk management framework depending on your industry's safety risks. We assist you in development and delivery of cyber security and safety assurance case in accordance with your engineering management framework.

Five key areas we examine to ensure systems cyber security

## Why work with us

### Flagship Projects

We have provided very large scale, multi-level OT systems security assessment and project delivery for blue chip sized clients

### Regulatory Compliance

We have worked in industries where keeping up to date security to meet safety legislation is paramount

### Industry Experience

Our team have hands-on experience within a number of industries where OT is of critical importance

### Cyber Defence

We provide cyber defence through in depth security risk management using ALARP principle as our basis

## How do we secure your OT Systems

### Design

Systems using modern technologies, including (TCP/IP), MODBUS and other standardised protocols, should be designed with security in mind as an integral part of your system

### Development

Recognised secure software development standards exist that should be used when developing software to be used within any environment

### Installation

Installation of the new or upgraded systems incl. COTS should not compromise the security that has already been put in place. It should not increase the attack surface that could be exploited by an attacker

### Maintenance

You should maintain systems throughout their life cycles to ensure optimum functioning

### Decommissioning & Disposal

We decommission systems and dispose of them securely to prevent hostile 3rd parties acquiring your data



## Operational Technology Security

We are cybersecurity experts in Operational Technology (OT), Industrial Control Systems (ICS) and Internet of Things (IoT)

### Our Expertise

Our team have hands on cybersecurity experience in a wide variety of operational technology environments

Industrial engineering  
transport, railway airlines  
manufacturing utilities

We provide active safety and security monitoring of your industrial equipment, assets, processes and events

### What we do

#### SCADA

Supervisory Control and Data Acquisition - We identify and eliminate security vulnerabilities within your SCADA systems

#### PCS

Process Control Systems - We provide protection of PCS systems to secure your critical industrial automation systems

#### DCS

Distributed Control Systems – Where reliability is critical to your continuous operations. We evaluate and eliminate your systems' security risks

#### PLC

Programmable Logic Controller - We analyse and prevent PLC cyber-attacks in a number of different ways

#### CCS

Control, Command & Signalling Systems – Advanced analysis of your railway CCS security protocols and software to mitigate cyberattacks and malicious activity

#### Signalling Systems

Security risk analysis and mitigation of your critical railway signalling systems to ensure your compliance to industry safety standards

#### Railway Systems

Verify the current security status of your railway systems. Identify any weaknesses in your safety and security processes. Overcome vulnerabilities and hazards

#### IOT OT Convergence

Cyber threats increase as more and more safety devices become connected to networks and the internet. We identify and mitigate these vulnerabilities

## Operational Technology Security

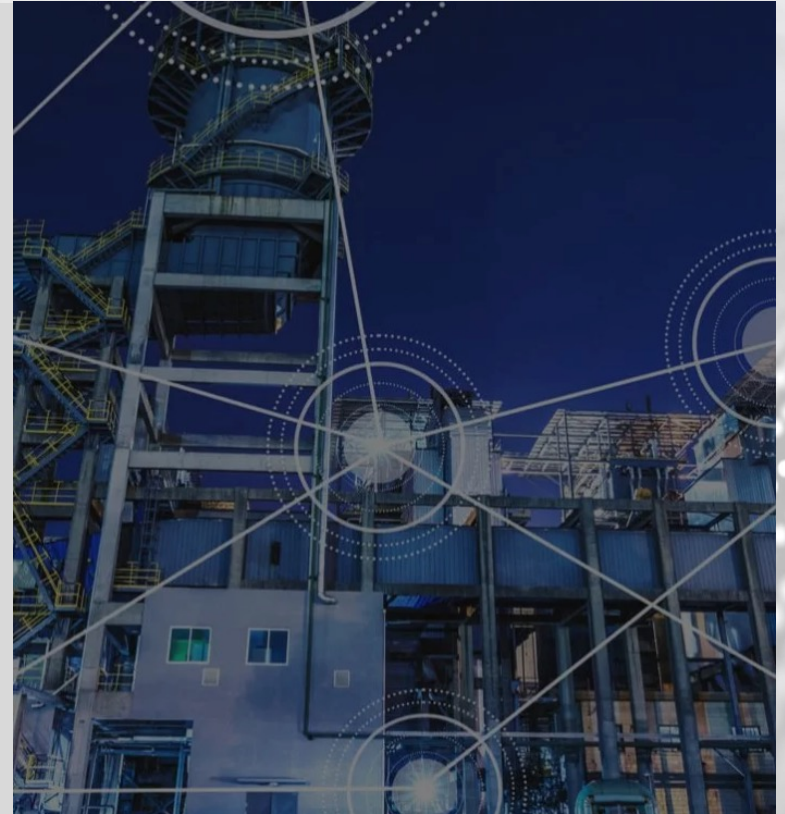
Mitigate Cyber Threats to your OT  
systems

Our analysis gives you a deep understanding of cyber risks to your OT systems

We work with you to ensure that your critical operational systems are protected from attack

We enable you to understand your regulatory requirements and become compliant

We mitigate the ever growing risk of IoT convergence to your OT systems, devices and networks





## Cyber Security Project Delivery

We deliver & support large scale & complex information security projects

**Cyber Security Project Delivery**  
Complex Data Centres, Security Tools, Cloud, Systems & Networks

### Why work with us

#### Active Engagement

We don't just supply resources who work in silos and charge a day rate.  
We roll up our sleeves and deliver solid, technical security solutions

#### We work as part of your team

We do more than just providing advisory guidance. We act as your trusted partner.  
We stay accountable for end-to-end management and delivery of your project

#### Flexible pricing and delivery model

Our pricing model is based on skills need and technical complexity of your project  
You can buy security products yourself, or we can source your products through our partners

#### Risk-based Cyber Security strategy

Architecture and design of cyber security solutions including tactical, mid-term and strategic

#### Cyber Security project implementation

End-to-end management of cybersecurity projects by our delivery-focussed hands on team of cybersecurity experts

#### Operational Technology Cyber Security

Operational Technology (OT), Industrial Control Systems (ICS) including safety-critical operational systems

#### Cyber Security Testing

Infrastructure security testing, application security testing, configuration baseline testing, DDoS attack simulation and cyberattack testing. Reporting, remedial actions, recommendations & helping in remediation activities

## Cyber Security Project Delivery

We work on greenfield projects, transformation programmes, cloud projects, on-prem infrastructure projects, security during Merger & Acquisitions (M&A), technical roadmap delivery projects and technology refresh projects

### Projects we work on

#### Our Supported Technologies

##### Network Security

Firewalls, IDS/IPS, Content Filtering, NAC, Antivirus, VPN, Remote Access, DDoS, Load Balancer, Web Application Firewall

##### Cloud Security

AWS & Azure IaaS, O365, Hybrid infrastructure

##### Email Security

Office365 EOP/ATP

##### Data Security

Encryption, Data Loss Prevention, CASB, PKI, KMS, Identity Access Management, SSO and BYOD Security

##### Application Security

Application security – OWASP, Secure SDLC, Code Review, RESTful API, Database (SQL) & SAP Security

#### Affordable Vulnerability Testing

##### Preparation, Scanning Reporting

##### Recommendations,

##### Prioritisation of Risks

##### Remedial Actions & Rescan

We use vulnerability assessment tool, Qualys Cloud Platform, rated industry leader by Gartner, Forrester and IDC to identify security vulnerabilities with six sigma (99.99966%) accuracy

External vulnerability testing from the internet perspective and internal security testing of your on-prem or cloud internal IT infrastructure

You receive a jargon free report describing your security vulnerabilities and our recommendations

Your report includes specific technical details of root causes and remediation actions for your technical staff to implement

You can purchase this service on an ad-hoc or regular subscription basis.

#### Penetration Testing

##### Ethical Hacking, Reporting

Recommendations, Prioritisation of Risks, Remedial Actions & Re-test

Penetration testing of infrastructure & web applications, ERP, mobile applications, industrial control systems, SCADA systems and more

Full spectrum penetration testing and Red Teaming capabilities – Information gathering, foot-printing, vulnerability assessment, exploitation, reporting and recommendations

Aligned with established standards and practices, combined with our extensive experience

##### Infrastructure Penetration Testing

We use various security tools and methodologies e.g. WHOIS lookup, DNS queries, vulnerability scan fingerprinting, password guessing, directory traversals, file uploads, denial of service attacks, buffer overflow exploits, etc. to identify systems coding errors, missing patches, design flaws and misconfigurations

##### Web Application Penetration Testing

We identify remotely exploitable vulnerabilities and weaknesses in your web application that can be exploited by hackers to gain access to the sensitive data. We use effective methodologies e.g. SQL injection, broken authentication & access control, cross-site scripting etc.

## Cyber Security Risk Management

Complete Management of Your Cybersecurity Risks & Regulatory Compliance

Security Strategy, Policy, Standards, Risk Assessment, Security Audit, Regulatory Compliance Evaluation, ISO 27001, PCI DSS, Suppliers Audit

### Why work with us

#### Deeply Experienced

All our CISOs are accredited cyber security experts and experienced information assurance consultants

#### Certified Auditors

Our certified team possess deep experience of compliance implementation in highly regulated environments

#### Executive Level

Our security experts work comfortably with your board, representing your IT department & business well

#### Audit & Analyse

Unbiased insight into your Cyber Resilience capabilities

#### Cisco as a Service

Training, policies, leadership, communication and reporting

#### Compliance Certification

Pre-Certification, Audit Gap, Assessment, Recommendations, Certification

## Cyber Security Risk Management

Complete Management of Your Cybersecurity Risks & Regulatory Compliance

Security Strategy, Policy, Standards, Risk Assessment, Security Audit, Regulatory Compliance Evaluation, ISO 27001, PCI DSS, Suppliers Audit

### How we approach risk management

#### Audit & Analyse

- 1- We first understand your business operation and business risks
- 2- We evaluate your risk outlook and compliance status
- 3- We fully assess your cyber security posture
- 4- We conduct an enterprise risk review with detailed recommendations
- 5- We perform a holistic information security audit with detailed reporting

#### Cisco As A Service

- Flexible Information Security Leadership & Assurance Skills
- Manage your organisation's cybersecurity risk and compliance status
- Liaise between your board and external auditors
- Business risk analysis with dashboard reporting
- Implement a cybersecurity governance programme
- Regular cyber security awareness training
- Reinforces information assurance behaviours
- Write and manage information security policies, standards and processes

#### Compliance & Certification

- 1- ISO 27001 Information Security Standard and PCI DSS - Payment Card Industry Data Security Standard (PCI DSS)
- 2- We analyse key risk areas, identify and document the controls, work with you to implement recommendations and monitor your compliance
- 3- Our process is extremely thorough. Our time tested methodology offers the quickest, easiest and most affordable way to achieve or retain your certification

# Cyber Security 24/7 Monitoring

Security Operation Centre  
(SOC) and SIEM-as-a-Service

## Why work with us

### Truly Unlimited Experience

We don't restrict your SIEM service to a number of incidents. It's truly unlimited.

You know that you are fully protected and secure, regardless of whether you experience one security incident in a year or 1000s

### Qualified, Certified Security Experts

Our skilled and experienced team possess CISSP, CISM, OSCP, CEH certifications. Our incident response team provide enterprise grade, fast and tailored made incident responses

### Tailored Personal Service

No-one wants to bounce around a call centre speaking to strangers. We regularly engage with your technical team, ensuring that our SOC analysts deeply understand your IT environment

## How it works

Fully managed cybersecurity risk management.

24/7 operation with threat intelligence

Real time & proactive security monitoring from our ISO27001 accredited security operation centre

Powered by AlienVault USM SIEM & Dark intelligence threat management Platforms

## Cyber Security 24/7 Monitoring

You Cyber Security Monitoring As  
A Service

### Monitoring As A Service

Asset Discovery

Vulnerability  
Assessment

Intrusion Detection

Threat Interception

Breach Investigation

Behavioural Monitoring

Incident Management

SIEM Log Management



## Cyber Security Operational Management

Our qualified engineers manage  
your business as usual (BAU)  
operational security systems

### Why work with us

#### Flexible Model

We provide commercially flexible options, including fixed price operation

#### Technical Skills

Our skilled & certified team offer a wide range of technical skills

#### Tailored Service

We truly adapt to your needs. Creating tailor made security solutions

### How it works

Fully managed cybersecurity support with ITIL framework and 24/7 operation

Real time & proactive operation from our ISO27001 security operations centre

Powered by Solarwinds and VM ware Airwatch or customer's own operational platform

## Cyber Security Operational Management

### Mobile Services we Protect

Mobile Apps & Content  
Management

Mobile Email & Browsing  
Management

Windows Endpoint &  
BYOD Device  
Management

Mobile Security & Device  
Management

### Our Supported Technologies

Web Application  
Firewall

F5  
ASM  
Imperva

Firewall

Cisco  
Fortinet  
Checkpoint  
Palo Alto

Internet Web Proxy

Barracuda

Denial of Service

NetScout Arbor  
Networks

Email Security

Office365  
E3 (EOP/ATP)  
McAfee

Antivirus

McAfee  
Symantec

## Cyber Security Operational Management

### Our Operational Management

#### Configuration Management

Change management, upgrades & patch management

#### Day to Day Admin

Maintenance & administration of your security devices

#### Backup Management

Security systems & configurations are fully backed up

#### Signature Updates

Maintenance & administration of your security devices

#### System Health

Alerts, monitoring, and reporting functions

#### Policy Management

Firewall, IDS/IPS, DLP, CASB and internet proxy rules

#### E-mail Phishing & Malware

24/7 monitoring & detection of email attacks

#### Regular Advice

Periodic review to ensure best security policies

### Enterprise Mobility Management

Our service alleviates any security concerns you have about your sensitive corporate data present on mobile device, tablets and mobile POS

Our service enforces corporate security governance, complies with local laws and trans-border regulations

The trend towards working from home on multiple devices has made data tracking and integrity increasingly challenging

We secure, monitor, manage and support endpoints and mobile devices deployed across your enterprise

## Technology & Service Partners

### Technology Partners

#### DARK [ ] INTELLIGENCE

##### Dark Intelligence

Dark Intelligence provide Darknet and Dark Web surveillance. We also work with law enforcement and intelligence agencies to provide actionable intelligence on cyber criminals, hackers, and Advanced Persistent Threat groups

#### ALERT FUSION

##### Alert Fusion

Alert Fusion provide our Security Operation Centre (SOC) Service leveraging their unique orchestration capabilities of centralised security alerts, processes & case (tickets). Alert Fusion's standalone security automation platform, we support your unique security operational needs

### Service Partners

#### Protective Intelligence

Our partnership with Protective Intelligence brings together specialist cyber security advisory, threat intelligence, cyber resilience, risk management and compliance experience to provide an end-to-end security services for our customers

#### Accel

We have partnered with Accel IT Services to bring together security engineering, technical delivery and managed security services capabilities to provide end-to-end cybersecurity services for our global customers

#### BizCarta

Our partnership with BizCarta Technologies bring together specialist application security, SecDevOps, security engineering, risk management and compliance experience to provide end-to-end security services for our global customers in Australia, USA and Singapore

## Leadership Team

### Soumen Paul Founder & Head of Consulting

Soumen has over 22+ years of security experience, and passion for information security. He led delivery of large information security transformation programme (circa £200m to £2bn). Soumen holds a Bachelor of Engineering (B. Eng.) degree in Electrical Electronics along with CISSP, CISM, CRISC, CISA, CSSLP. NCSC qualifications

### Neil Barnatt Head of Safety, Quality and Assurance

Neil has over 26 years of experience in systems engineering, safety, quality, and technical assurance across a wide range of Operational Technologies i.e., Industrial Control Systems (ICS), SCADA, Process Control Systems (PCS). Neil is a Chartered Engineer, has a bachelor's degree in Electrical and Electronic Engineering and MBA, a member of BCS along with ISO9001, OHSAA18001 and PRINCE2 qualifications

### Shiv Patel Head of Security Consulting

Shiv has over 20+ years of is security consulting experience within cyber security, information security, personnel and physical security domains across multiple industries and regulatory frameworks. An excellent communicator with the CxO stakeholders delivering high-quality results. Shiv holds a Bachelor of Science degree and MBA along with CISSP, CISA, CRISC qualifications

### Vince Warrington Head of Risk Management

Vince has over 20+ years' experience in cyber security and information protection in both the public and private sectors and has been granted the UK's highest level of Security Clearance. He has been a key security advisor to UK Financial Conduct Authority (FCA) and Open Banking Project. He is also a member of the UK's Information Assurance Advisory Council (IAAC)

### Rachel Gentry Head of Cyber Threat Intelligence

Rachel has over 15+ years' experience in information security and counter fraud. She is UK Government Security Cleared and holds National Police Vetting (NPPV3). She has been a key security advisor to UK Cabinet Office, Open Banking and National Police Chiefs Council. She has successfully delivered many national and international counter fraud and information security programmes for both public and private sector organisations. Rachel is a member of ISC2 and holds CISSP qualifications

### Joy Bhattacharjee Non-Executive Director, Advisor

Joy is a global leader in Manufacturing and Business Operations, Digital Transformation and Strategic Relationship Management. He currently leads IBM's global industry competency centre for the Manufacturing and Natural Resources sector. He is a Chartered Management Consultant (MCMi ChMC UK), a British Chevening Scholar, holding a Bachelor of Engineering in Mechanical Engineering and master's in management

### Bob Chahil Head of Project Management

Bob has 20+ years of experience in delivering large (circa £30m to £180m) programme, and complex infrastructure, enterprise application and cybersecurity projects in large global businesses e.g., BT, GSK, TfL, Boots, AstraZeneca etc. whilst leading a diverse global team. He is high performer and focused on client's value. Bob is Prince2 practitioner and ITIL qualified professional

### Dev Dutta Head of Enterprise Applications

Dev has 20+ years of experience in enterprise architecture and business applications within investment bank, financial services and fintech industry. He has excellent knowledge in secure software development lifecycle along with strong business acumen. Dev holds Master's in software engineering from University of Oxford and Masters in Quantitative Finance from London Business School

### Roy Ramkrishna Head of Security Service Delivery

Roy has over 19 years of experience in global enterprises, security consulting and service delivery. He heads cybersecurity practise at Secureinteli Technologies, and leads our security service delivery function. He is an expert in cutting edge technologies, cyber threat intelligence and next generation security

### Diptesh Saha Head of Managed Security Services

Diptesh has over 18 years of experience in enterprise IT infrastructure, managed security services and security operation centre. He heads cybersecurity practice at ACCEL Group and leads our managed security services function. Diptesh holds a Bachelor of Engineering degree in Electronics and Communication along with CISSP, CISM qualification