


# Security consultancy services



Sweco provides integrated security consultancy, design and engineering services for physical and electronic infrastructure across the built environment.

We are specialists in securing mission critical data centre facilities, and also provide similar expert security consultancy support for workplace, mixed use, residential, retail, leisure, public space and Critical National Infrastructure (CNI) sectors.

## Security, solved.

Engaging with clients from the earliest project stages, we embed best practice, strategic thinking and proportionate security solutions from Day One – helping you reduce risk, improve resilience and support the long-term safety of your people and business.

Our security experts provide trusted security consultancy support to help organisations identify vulnerabilities, reduce risks, and protect employees, occupants, visitors, assets and data from wide-ranging physical, cyber terrorism and crime threats.



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Bringing together many of our Sweco colleagues from a diverse range of in-house skill sets, we can offer a truly unique and market-leading security consultancy service.

**Darren Wood**  
Security Operations Director

# Our core security expertise

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## End-to-end support for seamless delivery

Our security consultancy team engages on projects from early risk identification through to integrated security design and delivery, including:

- Security threat assessment and mitigation strategies
- Security strategy, planning and concept development
- Integrated physical and electronic security design
- Installation witnessing and system commissioning support
- Compliance audits and regulatory alignment
- Incident response and operational procedures and frameworks
- Penetration testing and vulnerability assessments

We can lead or support projects, and help mitigate the wide-ranging security threats that your businesses and people face daily with real world experience and pragmatic advice. Our end-to-end capabilities mean we can support all project requirements 'under one roof'.

### Physical Security Design

- Pedestrian and vehicle gates
- Automatic rising and fixed bollards / HVM systems
- Perimeter security fencing
- Pedestrian turnstiles and speed lanes
- Security rated walls, façades, windows and doors
- Roller shutters
- Security portals and circle locks
- Security guard houses

### Electronic Security Systems

- Video Surveillance Systems (VSS)
- Access Control Systems (ACS)
- Intruder Detection Systems (IDS)
- Intercommunication Systems (INT)
- Integrated Security Platforms / PSIM
- Perimeter Intrusion Detection Systems (PIDS)
- Cyber security solutions

# Our cross-sector experience



## Protecting people, assets and infrastructure

We support a range of organisations operating across many sectors, including:

- Mission Critical (data centres)
- Critical National Infrastructure (CNI)
- Military, defence and government
- Energy generation (nuclear, renewable)
- Power transmission
- Water and utilities
- Public and crowded spaces
- Leisure and hospitality (inc. stadia)
- Transport and aviation (ports, airports, rail)
- Finance and banking
- Residential
- Retail
- Workspace
- Mixed use (combining all of the above and public space)

## Sector focus: Data centres

Security consultants play a critical role in successful data centre delivery where resilience, availability and trust are paramount. Well-designed physical and electronic security systems protect critical infrastructure, sensitive data, and operational continuity against evolving threats, from unauthorised access and insider risk to cyber-physical attacks.

Integrating security early in the design process ensures that measures such as access control, video surveillance, perimeter intrusion detection and alarm monitoring are proportionate, compliant, and aligned with operational needs and client baseline standards. A robust security strategy not only safeguards assets and people but also supports uptime, regulatory compliance and long-term scalability – making it a fundamental enabler of safe, reliable, and future-proof data centre operations.

Find out more:

Data centre design & engineering



# Project snapshot

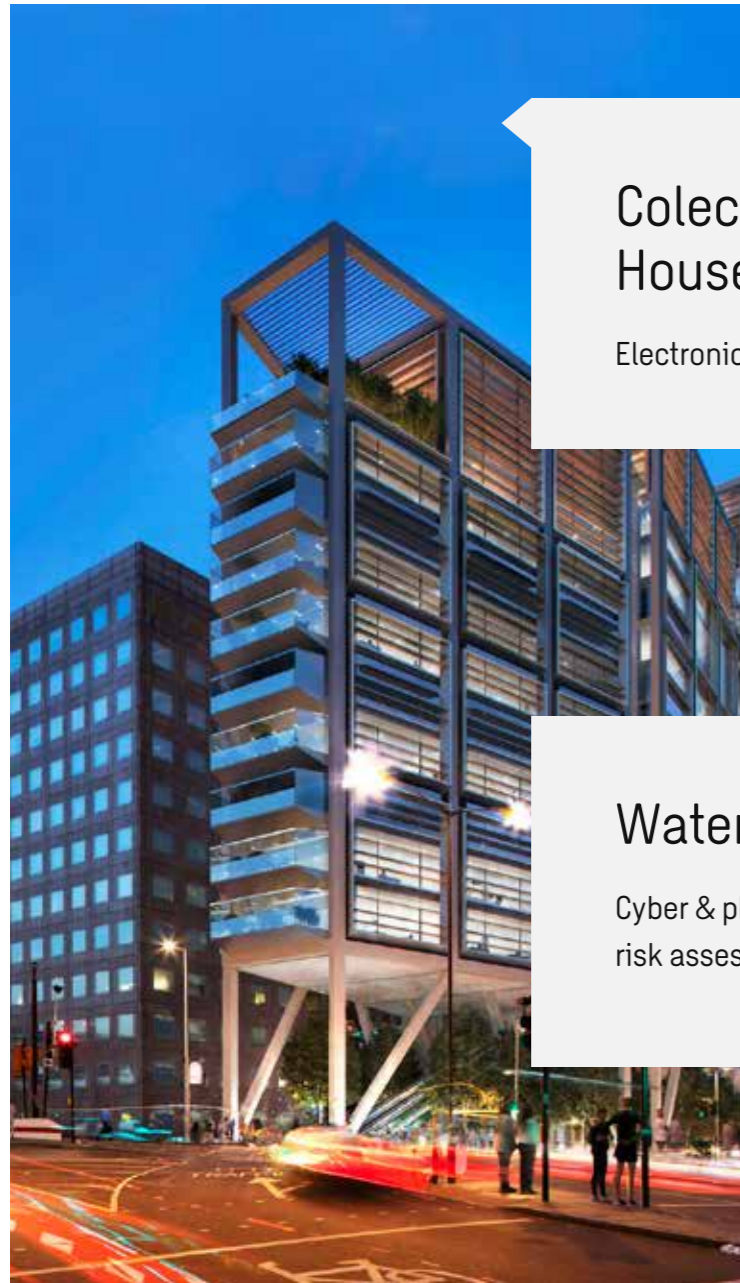


One Exchange Square, London

Electronic security



Image courtesy of Assembly Studios for M&T Consulting



Colechurch House, London

Electronic & physical security



Data Centres across Europe

Physical & electronic security

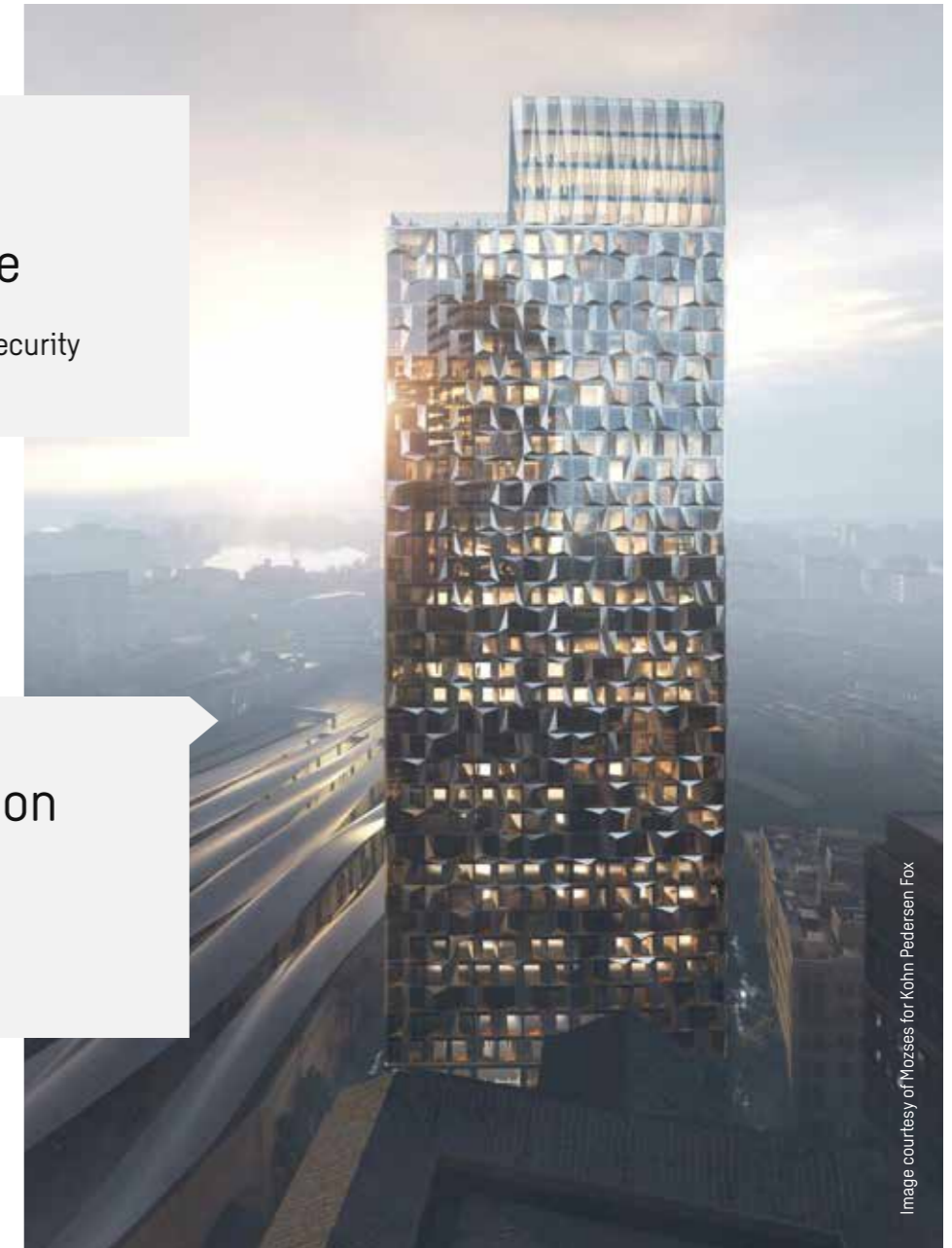
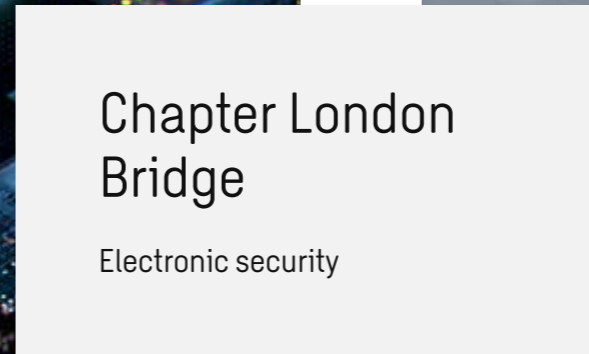


Image courtesy of Mozsies for Kohn Pedersen Fox



Water Utilities

Cyber & physical security risk assessment



Chapter London Bridge

Electronic security

# Our strategy-led approach

As a multi-disciplinary team of teams, we bring together a range of skills across built environment design and engineering – including structural and civil engineering, façades, fire safety, operational technology asset management and buildings network infrastructure specialisms. We combine insight, innovation and approachable guidance to deliver risk mitigation and security measures that are practical, compliant and future-proof.

## Bespoke solutions

Drawing on national and international experience across a multitude of cultures, sectors and operating environments, we develop security strategies that are appropriate, adaptable, and aligned to any global, country, regional or local threat profile – tailored to your specific business and your business needs or site demands.

## #DifferenceMakers

We work collaboratively with all stakeholders, taking the time to understand operational needs and project vision before translating requirements into clear, deliverable security risk management strategies.



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Our security consultancy team has the knowledge and experience of delivering projects across many different sectors both nationally and internationally – from initial security risk assessments, security strategy development, detailed design and support through system deployment.

Dan Watts  
Security Consultancy Lead

# Security in safe hands

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## Your trusted consultancy partner

Engaging Sweco as your single security consultancy partner gives you a co-ordinated, efficient and resilient approach to security design and advisory services:

- End-to-end expertise from threat assessments to implementation oversight
- Single point of engagement for our clients, with Sweco managing all aspects of the security consultancy offer
- Team experience across all sectors, both national and international
- Support of Sweco colleagues to deliver the complete security consultancy offering



The security landscape has shifted fundamentally in recent years. Threats are no longer limited in scale or type. They are broader, more frequent and increasingly complex – spanning terrorism, espionage, cyber intrusion and state-linked activity.

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## Why Sweco?

The modus operandi for attacks now centres around digital platforms, emerging technologies and artificial intelligence (AI) for planning and execution. Security threats are continually evolving, meaning proactive security strategies and coordinated crime prevention efforts are critically important in people and business safety.

At Sweco, you will be connected not only to technical expertise, but also strategic and 'lived' insight and accountable security project management – helping you take practical, effective steps to protect people, assets, operations and long-term resilience.

By leveraging the cross-team and cross-border support of Sweco colleagues we can support the majority of the security consultancy offering in-house, to deliver best-in-class expertise and experience across all sectors, both nationally and internationally.

# Our unique team of teams

## In-house integration

We work closely with many teams across the Sweco skills landscape, bringing together the insights and technical expertise you need for a truly joined-up security solution.

## Ask us about:

- Structural Engineering
- Acoustics
- Civil Engineering
- Architecture
- Building Services/MEP
- Fire Safety
- Telecommunications
- Geospatial/GIS

## Transforming society together

Together with our clients and the collective knowledge of our designers, architects, engineers, consultants and compliance experts across UK and international hubs, we co-create solutions that address urbanisation, capture the power of digitalisation, and make our societies more sustainable as we help drive the Green Transition.

## Contacts:

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## Find out more:

[sweco.co.uk/security](https://sweco.co.uk/security)



