bsi.

# Consulting Services

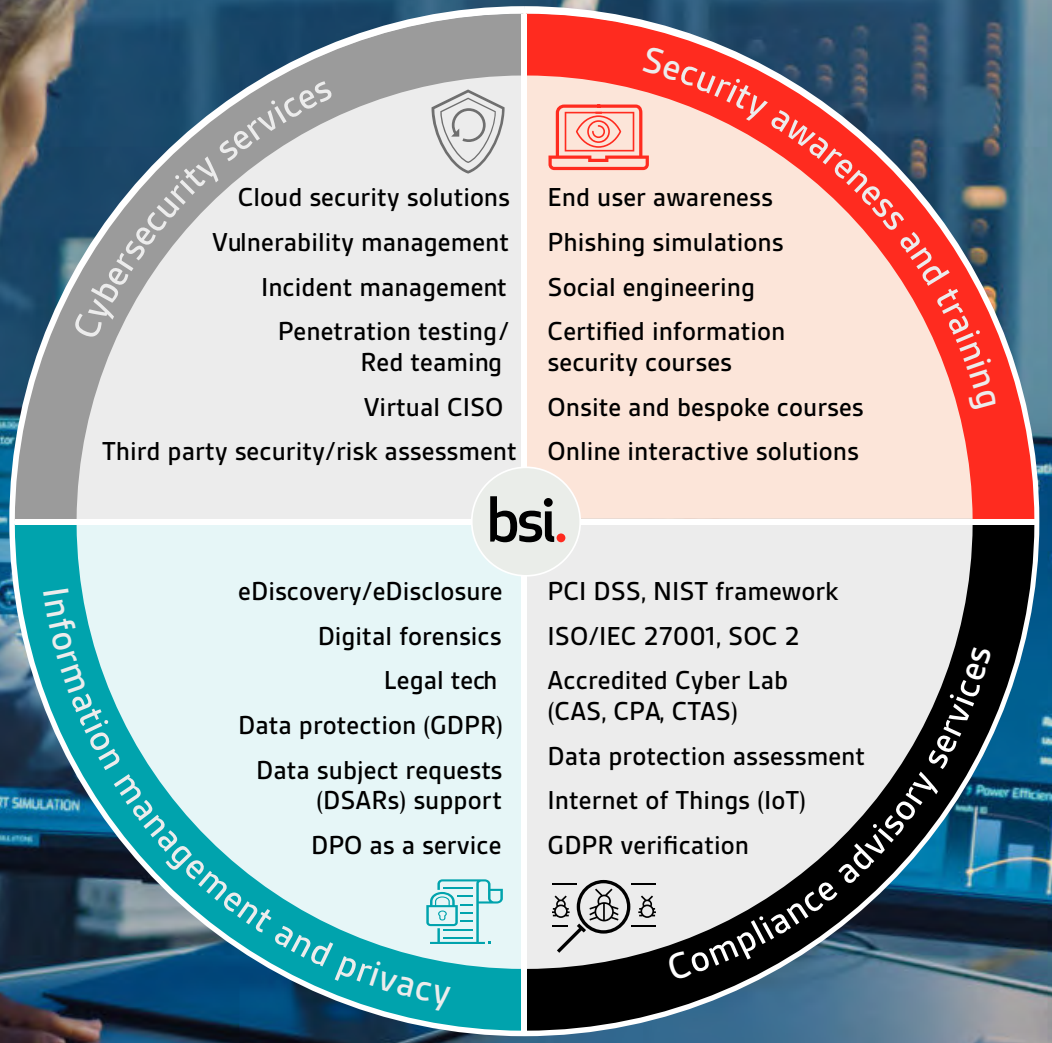
Your partner for a safe, secure and sustainable future

Digital trust

Inspiring trust for a more resilient world.

# Digital trust

BSI's global expertise and services enable our clients to better respond to cyber threats and build more resilience around their critical information and IT infrastructure, protecting their information, people, and reputation. We enable a state of enhanced and sustainable information resilience through our integrated services in the areas of cybersecurity, security awareness and training, information management and data protection, compliance, and data risk advisory services.



## How cybersecurity expertise from BSI helps

Information Resilience, a domain of Organizational Resilience, empowers organizations to safeguard their information – physical, digital, and intellectual property – throughout its lifecycle, from source to destruction. This requires the adoption of information security-minded practices that enable stakeholders to gather, store, access, and use information securely and effectively.

Achieving Information Resilience requires four interconnecting subdomains to be addressed with strategies, plans, and actions.

1. Cybersecurity
2. Information management and privacy
3. Security awareness and training
4. Compliance to requirements

Digital trust helps your organizations achieve this state of enhanced and sustainable Information Resilience through its integrated and woven sets of products and services:

- Cybersecurity: With the proliferation of data breaches and malicious attacks, organizations need to employ the most proficient and best-in-class cybersecurity strategy available. This ranges across a broad spectrum of testing and vulnerability management services, from penetration testing to gold standard Red Teaming (CREST approved). Within these services, BSI also provides a host of cloud security solutions, from web security and cloud access security brokerage, to identity access management and data protection in the cloud.
- Information management and data privacy: With the initiation of GDPR, privacy management and data protection has never been under so much scrutiny. Organizations need to be compliant, transparent, open, and fair in what they do with personally identifiable information (PII). Organizations need to have controls in place for how they acquire information (do they have consent?), use data (do they have permission?), and archive and destroy data (the right to be forgotten and erasure). When an organization suffers a breach, BSI provides forensic capability to identify where the breach occurred and if the data was compromised.

- Security awareness and training: Untrained employees are the weakest link in your cybersecurity defense. According to research, 91% of cyber attacks start with a phishing email. BSI implements robust, agile, and compliant training modules and courses to ensure that your weakest link becomes your strongest asset in remaining vigilant and resilient to the omnipresent threats. Additionally, BSI offers bespoke, customized, online, in-house, and classroom-based certified training across a mix of information security, cloud security, and data protection courses.
- Compliance regulations: With support for PCI DSS to NIST framework, Cyber Lab certification to ISO 27001/27701 implementation, and HIPAA to SOC 2 services, BSI enables organizations to ensure compliance through our knowledge of the standards and regulatory landscape and highly experienced teams of consultants.

**As a leading provider of research and development, auditing services, training, data compliance, managed technology solutions, and advisory services, BSI can help you embed a robust framework to build information resilience and proactively reduce and respond to cyber threats.**

## Our services include:

- Cybersecurity
  - Security testing
  - Cloud security
  - Incident management
  - Information risk management
- Security awareness and training
  - End-user security awareness
  - Phishing simulations
  - Social engineering
  - Certified information security courses
- Information management and data protection
  - eDiscovery and digital forensics
  - Data subject access requests (DSAR)
  - Data protection (GDPR)
  - Outsourced data protection officer (DPO)
- Compliance services
  - PCI DSS consulting services
  - ISO/IEC 27001 consulting services and SCO 2
  - Accredited cyber lab
  - Data protection impact assessment (DPIA)
  - Compliance services
- Cyber risk advisory services
  - Security program development
  - Security program project management
  - Strategic remediation planning
  - Cloud provider assessment

# Security testing

Given the cyber threat landscape, organizations need the correct protocols, policies, and procedures in place to keep their information safe, data secure, and infrastructure robust, and to ultimately enable an enhanced state of resilience.

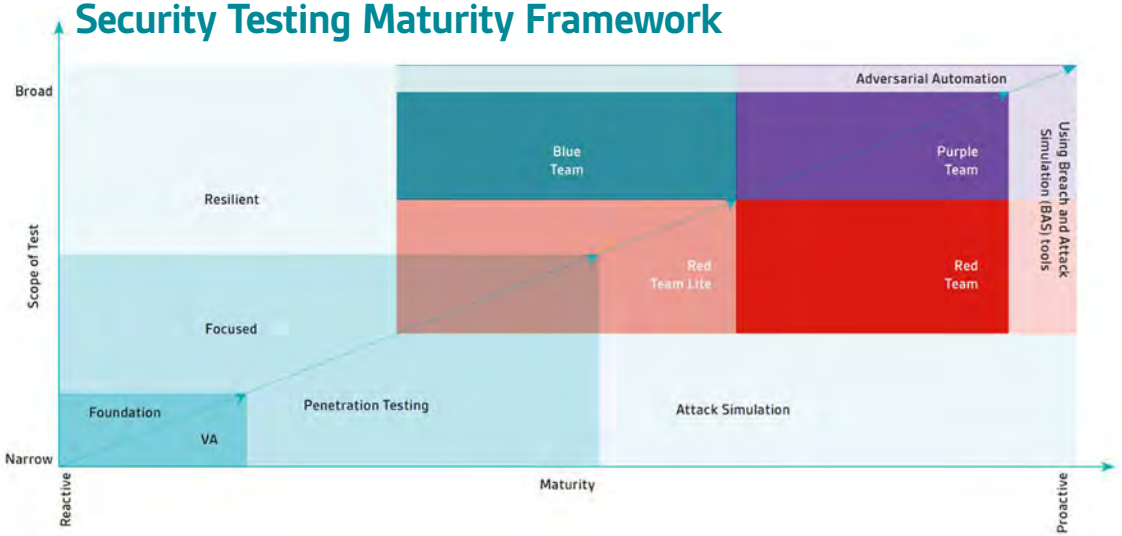
Security testing involves many facets when testing an organization's infrastructure and estate. Testing capabilities can vary across many different domains, such as network, mobile/web applications, and infrastructure. Security testing is the art of utilizing offensive testing techniques to verify the effectiveness of existing security controls, and verifying the full impact of any identified vulnerabilities should they be exploited by a malicious attacker.

## How security test guidance from BSI helps

To beat a hacker, think like a hacker. BSI uses the very same Tactics, Techniques, and Procedures (TTPs) used by malicious actors as observed in real-world breaches. CREST approved and PCI ready, our objective-based, scenario-driven methodologies are real security.

The BSI Security Testing Maturity Framework (outlined below) can be used to help identify the most effective security testing level for your organization. The framework marries the security maturity of an organization with its appetite for risk to identify the optimal level of testing and provide the best return on investment.

### Security Testing Maturity Framework




### Foundation – vulnerability assessment

This is the first step on the journey to improving your information security maturity and creates the initial technical baseline from which to build on your security program.

### Focused – penetration testing

This level is for organizations with a growing security capability that are looking to identify and achieve security improvements. This should also align with the organization's risk appetite.

### Resilient – attack simulation

This level is for organizations with an established security function that are looking for holistic assurances across their business regarding their security posture.

Respond to cybersecurity threats by building resilience around critical information and your IT structure. BSI can provide you with technical and consulting expertise to help you meet your business goals.

## Penetration testing services include:

- Internet Infrastructure Testing, DNS Config Reviews, and Web Server Config Reviews
- Attack Simulation: Physical Security, Red Team, Blue Team, and Config Reviews
- Containers Orchestration and Microservices: Docker and Kubernetes
- Social Engineering: Phishing and Pretexting
- Internal Penetration Testing including Objective Based Testing, Segmentation & Microsegmentation Testing, and Wireless
- Application Testing: API, Mobile, POS, and Web
- Hardware: IoT and Medical Device

# Cyber, risk, and advisory services

While companies are still trying to understand and comply with significant changes in global privacy regulatory and other compliance landscapes, they should anticipate more as the rapid change in the global regulatory environment continues.

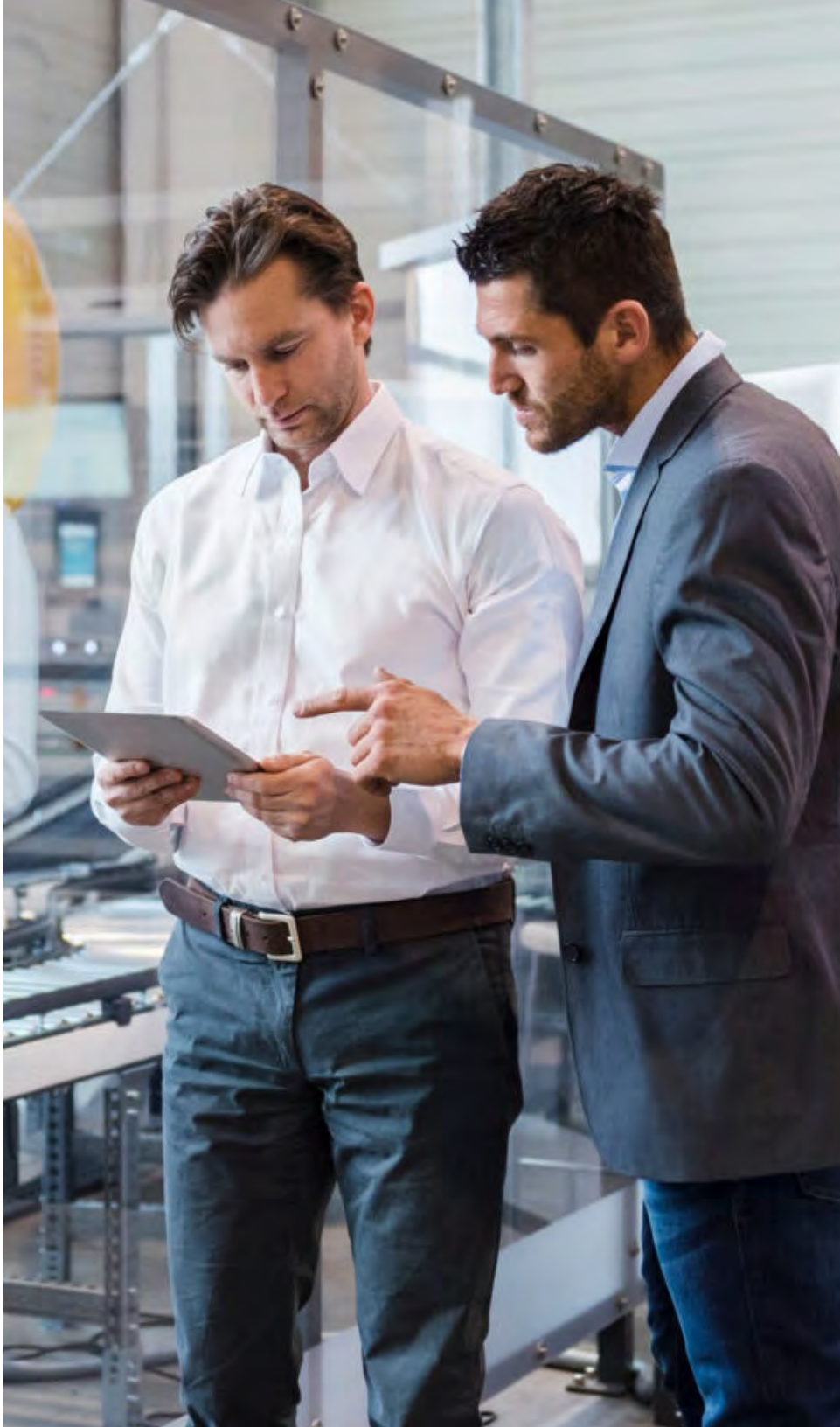
Our Cyber, Risk and Advisory (CRA) services encompass a broad range of consulting and compliance to regulation services, including data protection, privacy management, and General Data Protection Regulation (GDPR)/California Consumer Privacy Act (CCPA) services. Our compliance services range from PCI DSS to ISO27001/27701 implementation to HIPAA and SOC 2 advisory services.

## How cyber, risk, and advisory services from BSI help

Since GDPR and the recent changes in the global privacy landscape, privacy management and data protection have never been under so much scrutiny. Organizations need to be compliant, transparent, open, and fair with what they do with PII. And they need to have controls in place for how they acquire, use, archive, and erase data. BSI's Privacy Practice supports organizations with their privacy and data protection compliance journey.

Our team consists of industry certified and experienced privacy leaders, consultants, and project managers. We help embed privacy and data protection at the heart of the organization's culture and operations. In a rapidly evolving global regulatory environment, our practitioners will keep you up to date on all the latest developments and manage the impact of changes through supporting the organization with its regulatory risk profile. Additionally, in a world ever more empowered by the cloud, our consultants possess the unique skillset and ability to comprehend IT infrastructure and security issues that directly impact the privacy rights of individuals.

Ensure your compliance to regulations. Across all industries, regulatory compliance requirements are becoming more demanding and complex. Legislation is evolving, bringing increased accountability for organizations that are already heavily regulated. BSI can help.



## Our services include:

- PCI DSS audit and consultancy: BSI has a global PCI DSS presence and our PCI Qualified Security Assessors (QSAs) verify that the standard is being adhered to and ensure that organizations truly realize the return on security investment the standard provides.
- NIS Directive: If your organization is involved with the provision of essential services in the energy, transport, healthcare, drinking water, or digital infrastructure sectors, you may be classified as Operators of Essential Services (OES). We help you interpret the Network and Information Systems (NIS) Directive so you can understand if the regulations apply to your business.
- ISO 27001 consultancy: Our consultants will help you prepare for ISO 27001 certification, alignment or implementation of the Information Security Management framework, writing policies and procedures to support the ISMS, or advising on how to implement security controls to reduce your risks to an acceptable level.
- Cyber lab services: Manufacturers and installers have a responsibility to create secure products and solutions, and to deliver secure services. BSI can open new markets and place you ahead of competitors in your industry by helping you understand the best assurance frameworks for your organization and achieve conformance.
- SOC 2 consulting: The SOC 2 Type II attestation report is the gold standard for service organizations seeking to provide assurance that their organization, products, and services have appropriate information security and data privacy controls. Our experts can help your organization reach compliance through our range of consulting and audit readiness services.
- Internet of Things (IoT): BSI is creating a trusted framework to shape, share, embed, and support innovation, and ensure the safe and reliable use of IoT applications, data, and devices. As with many growing areas of technology, the market currently lacks accepted best practices and clear standards for IoT.
- Licensed and in-house training: We provide a range of accredited training courses that can help you get the knowledge and skills you need to build resilience around your information security and data management. From beginner to advanced courses, we've got you covered. Depending on your requirements, we can deliver training in a number of ways, including:
  - Classroom-based training
  - On-site at your premises
  - Live virtual online training

iapp OFFICIAL TRAINING PARTNER

EC-Council TRAINING PARTNER

ISACA

bcs Accredited Training Partner

Whatever the CRA or training requirement, speak to us about how we can help you support your requirements.

# Data management and security technologies (DMST) services

As data volumes and sources continue to grow at an exponential rate, is your team prepared with a cost-effective and legally defensible eDiscovery solution? Our experts deliver comprehensive eDiscovery, digital forensics, and litigation support services to law firms, corporations, and government agencies. We enable your organization to learn and adopt best practices in eDiscovery and digital forensics. You can also benefit from best-in-class technology integration, improvement of internal workflows and processes, and, ultimately, overall reduction in discovery costs.

## What is eDiscovery?

eDiscovery is a multi-step process that typically begins with a lawsuit or investigative action and involves the preservation, collection, review, and production/exchange of electronically stored information (ESI) for evidentiary purposes. With the use of rapidly developing technology, we help your organization solve your most difficult challenges and bring simplicity to eDiscovery and data management.

## How we help with eDiscovery

Our legal, compliance, and technology experts become an extension of your team and deliver best-in-class technology to empower your organization to create efficient and defensible eDiscovery workflows. We uncover pragmatic solutions rooted in the most advanced technology to provide highly cost-effective and legally defensible workflows and solutions for all forms of complex eDiscovery, regulatory, and compliance cases.

### Our expertise and qualifications

We are experts delivering comprehensive eDiscovery, digital forensics, and litigation support services.

- Relativity Experts
- Relativity Certified Administrator
- RelativityOne Certified Pro
- Relativity Processing Specialist
- Relativity Analytics Specialist
- Relativity Certified User
- Cellebrite UFED Certified
- Masters in Digital Investigation & Forensic Computing
- MBA in Laws

## Respond to a Data Subject Access Request (DSAR) within a short deadline

In today's world, organizations generate significant amounts of material, which contain personal data, and which will need to be collated, reviewed, and processed when responding to a DSAR. Responding to a DSAR within the short deadline of one month can be challenging. It will require an understanding of the request, running searches, identifying relevant documents, and redacting sensitive data, which may not be possible to do efficiently with common IT platforms.

## How DMST services from BSI help

Our team consists of industry certified and experienced technology leaders, consultants, and project managers. We work with you throughout your security transformation journey, from understanding your requirements and working with you to clarify your needs, to ensuring you select and implement the technologies that are right for your organization and business goals. We will support you from initial assessment to full installation, as well as provide quarterly business reviews and monthly updates to ensure you leverage the full potential of your solution.

> "It was very important to work with a partner that knows the product extremely well and has carried out deployments in organizations of similar size and composition."
>
> - Robert Early, Group Information Security Officer, UDG Healthcare PLC

### Our suite of technologies include:

- Zscaler: A leader in the Magic Quadrant for web proxy/web filtering for nearly a decade, Zscaler provides a cloud computing-based security and compliance system built on the internet.
- McAfee MVISION Cloud: Another Magic Quadrant leader for Cloud Access Security Broker (CASB) solutions, organizations can leverage a single cross-cloud platform to gain visibility into cloud usage and risks, meet compliance requirements, enforce security policies, and detect and respond to potential threats.
- Proofpoint: Both the end user security awareness platform and Proofpoint's Advanced Email Security empower your staff to anticipate malicious attacks and offer total protection from today's most sophisticated attacks.
- Druva: With back ups and O365 limitations, Druva (100% cloud native) endpoint back up delivers data protection and management for the cloud era.
- MediaPRO: Leverage compliance and privacy education to help you provide security, privacy, and compliance so you can address a more complete threat landscape.
- Okta: Another leader in the Magic Quadrant for Identity Access Management and Multifactor Authentication (MFA), Okta enables easy access for employees while allowing control for IT, who can provide Single Sign-On to apps and support Bring Your Own Device.
- Menlo Security: Menlo Security Isolation Platform (MSIP) eliminates the possibility of malware reaching the devices of end users from key attack vectors, including web and email.
- Alert Logic: Provide the best security and peace of mind for your business 24/7. In partnership, we offer a new approach to help you get the right level of security and compliance coverage.

## Our services include:

- Cybersecurity
  - Security testing
  - Cloud security solutions
  - Third-party security and risk assessment
  - Information risk management
  - Incident management
  - Virtual CISO
- Privacy and data services
  - Data protection (GDPR)
  - Data subject requests support (DSAR)
  - DPO as a service
  - eDiscovery and Digital forensics
  - Virtual CISO
- Security training
  - Certified information security courses
  - End-user awareness and phishing simulations
  - Online interactive solutions
  - Social engineering
- Compliance
  - Cyber lab (CAS, CPA, CTAS)
  - Data Protection Impact Assessment (DPIA) support
  - GDPR verification
  - Network and Information Systems Directive (NIS)
  - NIST Cybersecurity Framework
  - PCI DSS Consultancy
  - SOC 2

## Talk to us.

BSI Consulting is focused on providing our clients with the tools and services to ensure they are resilient and sustainable with their environmental, health and safety programs, supply chain and cybersecurity information.

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We are committed to inspiring trust for a resilient world in everything that we do, every day.

# Consulting Inquiries:

Email: consulting@bsigroup.com
Visit: bsigroup.com/consulting-us

## Consulting Hubs

**Arizona, Scottsdale**
4150 N Drinkwater Blvd,
Suite 160
Scottsdale, AZ 85251
1 800 862 4977

**California, San Jose**
2150 North First Street,
Suite 450
San Jose, CA 95131
1 800 790 6236

**Chiswick**
389 Chiswick High Road
London
W4 4AL
United Kingdom
+44 345 080 9000

**Ireland**
Corrig Court
Corrig Road
Sandyford Industrial Estate
Dublin 18
D18 C6K1
+353 1 210 1711

**Japan**
OCEAN GATE MINATO MIRAI 3F,
3-7-1 Minatomirai, Nishi-ku, Yokohama,
Kanagawa, Japan 220-0012

**New York, NYC**
141 West 36th Street,
3rd Floor
New York, NY 10018
1 212 290 6323

**Texas, Austin**
7000 North Mopac Expressway,
Suite 200
Austin, TX 78731
1 855 501 9300

**Texas, Houston**
1575 Sawdust Road,
Suite 165
The Woodlands, TX 77380
1 800 790 6236

**Virginia, Herndon**
12950 Worldgate Drive
Suite 800
Herndon, VA 20170
1-800-862-4977

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