

Total protection, so you can focus more on your core business

Colt Security Solutions

Benefits at a glance

- Achieve end-to-end security for total protection against an increasing range of cyber threats
- Safeguard your revenues, brand image, customer data and ensure regulatory compliance
- Free up resources for your core business while Colt's experts provide 24/7 protection
- Reduce risk, complexity and the increasing cost of ownership arising from piecemeal technologies from different vendors
- Maximise flexibility with a solution that can be customised and adapted to reflect your changing needs
- Enjoy peace of mind from a provider that is ISO/IEC 27001 certified and follows ITIL best practice

Demand for 24/7 availability

Business is changing faster today than ever before. In an increasingly interconnected world, the demand for information, resources, services and 24/7 availability appears relentless.

In response, enterprises are evolving quickly to become more flexible and agile to meet new challenges, expectations and opportunities in the marketplace.

However, this is placing an increasing strain on organisations in specific areas:

- growing IT complexity as communications and connections proliferate
- support for a mobile workforce that requires secure access to corporate resources
- pressure to reduce IT costs
- increasing regulatory compliance, with executives legally responsible for the security of information systems.

Security spread too thin

As each enterprise's business boundaries have blurred, so their systems have become an easy target for cyber criminals.

Growing areas of threat include:

- highly-sophisticated fraud attacks from organised criminals
- attempts to access sensitive customer information that could lead to loss of market confidence, brand damage and legal action
- security compromises through eavesdropping and spoofing
- distributed Denial of Service (DDoS) attacks, viruses and other business disruption that can lead to direct and indirect financial loss.

Colt provides the answer

Colt can address the challenges of cyber crime today and tomorrow. Our end-to-end Security Solutions provide reassurance and remove the burden from your day-to-day workload, so you can reassign resources to your core business.

Total protection for your extended enterprise

Colt provides a strategic, holistic approach to your security. Our security experts examine your organisation, its needs and objectives, tailoring our service appropriately.

Our consultancy approach ensures you stay in the 'driving seat', thanks to open communications, timely project monitoring and reporting.

Where to start?

Many organisations have various security tools and processes from different vendors that have been combined over time. But a patchwork approach can be expensive to manage, with high capital costs and runaway operating expenses. Worse still, systems can become vulnerable to attack if disparate services fail to work seamlessly.

Security at the core

We help our customers to move quickly away from this scenario. Our professionals provide integrated security solutions that put protection at the heart of your business.



Colt Security Solutions

Key steps and deliverables		
1) Consultancy	2) Solution design	3) Management
<ul style="list-style-type: none">• Risk assessment	<ul style="list-style-type: none">• Confidentiality	<ul style="list-style-type: none">• New releases
<ul style="list-style-type: none">• Recommendations	<ul style="list-style-type: none">• Data integrity	<ul style="list-style-type: none">• Monitoring
<ul style="list-style-type: none">• Business strategy	<ul style="list-style-type: none">• Availability	<ul style="list-style-type: none">• Compliance

Step 1: Consultancy

From the outset, Colt's consultants work with you to gauge the complexity of your environment.

Our consultants will outline mitigation strategies and provide an action plan to help you adopt an overall, business-centric approach to security management. We assess complexity, effectiveness, agility and the end-user experience, aligning each of these with your business objectives.

Step 2: Solution design

Colt can create and deploy affordable and adaptable security solutions for your enterprise.

These solutions underpin the performance of your company in three key areas:

- **Confidentiality:** Our solutions prevent disclosure to unauthorised individuals or systems
- **Integrity of data:** With Colt, your data cannot be modified without authorisation
- **Availability:** We ensure that access to information systems meets your business objectives.

Step 3: Management

With Colt, your mission-critical networks and application services are secure. We provide total management and protection.

Our managed solutions include:

- assessment of new release software and bug fixes
- 24x7 monitoring
- analysis and resolution of alerts
- service level agreements
- additional auditing services for regulatory compliance.



Colt Security Solutions: End-to-end protection for you

Colt's Security Solutions create a total framework to protect your enterprise. We provide full lifecycle management, so you can keep pace with technology, stay ahead of the latest threats and reduce your total cost of ownership.



Secure Business

Colt provides 'business-driven' security. We offer basic, comprehensive and advanced assessments using highly specialised tools.

Following initial assessments, our consultants recommend security services and regular reviews to maximise your ongoing protection.

Your protection can include:

- governance assessment
- compliance testing
- gap analysis
- vulnerability assessments of critical applications
- penetration testing
- perimeter security optimisation.

Secure Networking

Colt provides traffic filtering, intrusion detection and protection against Distributed Denial of Service (DDoS) attacks by building strong perimeter protection. We prevent unauthorised access to your network, Internet misuse by employees and inappropriate use of resources such as bandwidth.

Firewall requirements for your branch offices, headquarters or your Colt-hosted applications are addressed by our multiple filtering options. Each is geared to meet your required levels of security and performance.

Our Intrusion Detection service for data centre customers goes beyond the capabilities of a firewall. It watches network traffic and

generates alerts when suspicious traffic behaviour is detected.

Colt's IP Guardian service is an effective complement to your firewall, raising your defences at the edge of the Colt network. It detects and mitigates DDoS attacks.

Secure Communications

Communication is invaluable for businesses. The rapid growth in Voice over IP (VoIP) and other unified communications (UC) technology has increased the range of capabilities and potential targets that must be protected.

Our IP-based voice services are inherently secure. We can connect your IP PBX to the telephone network on a private or IP virtual private network link. The traffic is secured in a private logical network which is terminated on our Session Border Control (SBC) which acts as a VoIP firewall.

With Colt, your end-to-end on-net IP voice communications are always encrypted. A security assessment is carried out by our Service Delivery team during the on-boarding process. A dedicated anti-fraud team analyses the traffic continually. Any unexpected traffic patterns prompt an immediate response. The impact of any denial of service attack is nullified by Colt's network monitoring and filtering.

We provide multi-engine spam and virus scanning, powered by multiple filtering engines and a round-the-clock team of experts.

This eliminates spam and viruses from inboxes, helping to maximise bandwidth and save valuable time for employees.

For remote access to sensitive information and secure systems, we provide a secure authentication solution. This uses market-leading technology to provide multiple user options and service preferences.

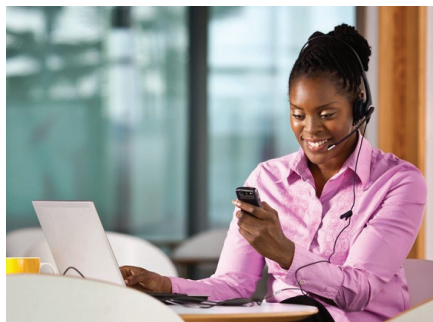
Secure Connectivity

Organisations rely on the rapid and secure exchange of information. An insecure connection can jeopardise customer confidence and put regulatory compliance at risk.

Colt addresses these needs. Our high-performance fibre network is private and secure. And our advanced Layer-2 encryption meets the most demanding needs of customers in sectors where compliance and confidentiality are paramount.

Our encryption uses algorithms with a key length of 256 bits that re-generate every few minutes. This combines with our state-of-the-art device architecture that protects against eavesdropping and manipulation.

Ultimately, our customers benefit from secure and reliable connectivity without any negative impact on performance, latency or bandwidth.



// The ISO/IEC 27001 Certification demonstrates that Colt has addressed all the key issues of information security and that measures have been taken to protect sensitive information at all levels throughout the organisation: a guarantee that many others in the managed services market cannot offer. //

Why Colt?

Colt enables customers to deliver, share, process and store vital business information.

We own the largest managed terrestrial network across Europe, with 25,000 km of fibre, connecting more than 100 cities. We also have significant IT infrastructure and services, with 19 data centres and world-class expertise in creating integrated IT managed services and networking solutions.

We offer:

- Integrated solutions that include private networks, voice, data and collaboration applications
- the freedom to balance dedicated servers, virtualisation and cloud computing in the best way for you
- expertise to quickly develop and deploy solutions that deliver rapid return on investment (ROI)
- a modular approach so more solutions can be added later, as your business needs evolve.

Our centre of expertise

Based in Europe, the Colt Security Operation Centre (SOC) draws on the vast security expertise accumulated by our Security Threat Intelligence programme.

Our support procedures and policies follow the Information Technology Infrastructure Library (ITIL) framework. We speak the common language of ITIL with our customers to ensure good communications and the sharing of best practice.

Quality assurance for you

Our ISO/IEC 27001 certification demonstrates that Colt has addressed all the key issues of information security. This also confirms we have taken measures to protect sensitive information at all levels throughout the organisation. All our employees are vetted at the recruitment phase. This assurance sets Colt apart from many other providers in the security marketplace.

Discuss or simply find out more

To arrange a consultation, discuss what Colt can help you achieve, or simply find out more, please contact your local Colt Account Manager or visit www.colt.net

