

Are you sure that your business's IT and communications network is safe?

Can you afford to allow your network to be vulnerable to the threat of viruses and internal or external attack?

BT Business Protect is an ICT security solution using Cisco products that we can tailor to meet your needs – no matter what size your network. A scalable solution, Business Protect can be integrated to enhance your existing security applications. This means you'll get the control and awareness to understand where you may be at risk and the means to take appropriate action.

These risks are very real – from unauthorised access of your network, to the theft of confidential data and customers' personal information. Could your business survive the after-effects of the loss of not just your customers' data, but also their trust and its effect on your company's reputation? However, it's not only protection from intrusion that's needed, you can also be exposed to disruption and loss of productivity through unplanned network downtime.

BT Business Protect is designed to play an integrated role, defending not just individual parts but at the perimeter of your network. So whether it's your servers, desktops or point-of-sale computing systems, BT Business Protect can give them all proactive protection.



Security and peace of mind

As your dependence on network connectivity grows, the need to be effective in defending and controlling assets becomes crucial to your business's success. International Internet fraud is on the rise and high on the agenda of governments, law enforcement agencies and the business world in general.

Department of Trade and Industry research has found that the average UK business has around one security incident every month.¹ Although security incidents affecting large businesses have fallen by 50% over the past two years, the opposite is the case in the small business sector, with the average number of incidents running at around eight per year. Worse still, the cost of security breaches to UK industry is estimated at approximately £10bn per annum.²

Keeping your customers safe from identity fraud

Unauthorised access to computer networks threatens not only the entire business community, but the Payment card retailers in particular. To help meet this threat, it's now mandatory for companies operating in the European PCI sector to comply with, and adhere to, the PCI Data Security Standard (PCI DSS) list of security requirements.

PCI DSS has been designed to keep credit card holders' details and information safe – at the point of sale, in transit and in storage. It's a wide-ranging security standard requiring companies who wish to achieve compliance to audit their networks, policies and processes regularly.

The consequences for failing to do so are severe. If you miss your PCI DSS deadlines you can be fined, incur penalties or suffer increased service fees. In addition, breaches of security could result in litigation that can damage your firm's reputation and lead to potential financial losses. On the other hand, if you do comply with the standard you're showing that you're taking the security of your customers' data seriously, which can go a long way in building customer loyalty. For more information visit www.pcisecuritystandards.org

BT Business Protect can help you to fulfill your security responsibilities to your customers. The standard has 12 main requirements, most of which can be satisfied by BT Business Protect. We can help you to both identify and implement the correct security procedures to make a positive contribution to successfully satisfy the requirements of a PCI DSS accreditation.

PCI Data Security Standard Requirements	
Build and maintain a secure Network	1. Install and maintain a firewall configuration 2. Do not use vendor-supplied defaults for system passwords
Protect cardholders' data	3. Protect stored data 4. Encrypt transmission of cardholders' data and sensitive information across the public network
Maintain a vulnerability management programme	5. Use a regularly updated anti-virus software 6. Develop and maintain secure systems and applications
Implement robust access control measures	7. Restrict access data by business need-to-know 8. Assign a unique ID to each person with computer access* 9. Restrict physical access to cardholders' data*
Regulatory monitoring and testing networks	10. Track and monitor all access to network resources and cardholder data 11. Regularly test security system and processes
Maintain an information security policy	12. Maintain a policy that addresses information security

* Items 8 and 9 need additional professional services that we can provide.

However, whatever sector your company operates in, security issues still present a huge problem. That's where BT Business Protect comes in by giving you:

- Peace of mind in protecting you from losing customer data causing damage to your company's reputation
- Continuity of your competitive advantage
- The necessary information to understand where you're at risk and more control to deal with any threats effectively
- Protection of your business revenues
- Continuity of production
- A potential saving of expensive down time.

1. 2004, Information Security Breaches Survey, DTI.

2. 2006, Security Breaches Survey, PricewaterhouseCoopers for the DTI.

How BT Business Protect can help

We understand the importance of ICT security and the extent of the threats your business could be facing. That's why, to answer your needs, we've put together an integrated security solution of which the CSA and ASA components are integral parts. And, to enhance your security still further, you can include our Monitoring, Analysis and Response System (MARS). Just take a look at what's on offer:

The BT Business Protect components

CSA (Cisco Security Agent) provides:

- Consultancy for desktop, laptop and server agent
- A once only install to protect server and desktops
- Preventive protection against targeted attacks, spyware, malware and worms
- On-site support during your installation period plus two post install visits to advise and assist in modifying your policy where necessary
- Proactive defences that set the rules and protect against day-zero attacks and intrusion from, amongst others, Trojan horses, spyware and rootkits. (A rootkit is a program inserted in your network by an outsider to take control of your system)
- Robust policy compliance controls to protect sensitive data files and critical servers
- Monitoring of key files, applications and servers to prevent malicious data loss
- Automatic collaboration with network security devices to both increase and improve the overall effectiveness of your network.

ASA (Adaptive Security Appliance) provides:

- Intelligent threat defence and secure communications service to stop attacks before they impact on business continuity
- Security at the network gateway through one solution
- Comprehensive firewall
- Defence against unauthorised access to network resources or vital corporate information
- Advanced application control to help control use of peer-to-peer file sharing and Instant Messaging
- A management system that allows analysis in real time
- Protection for unified communications including video and voice
- VPN giving secure site-to-site and remote user access to corporate networks and services
- Intrusion protection services
- Content security through URL filtering.



Monitoring, Analysis and Response System (MARS)

MARS is an additional solution to both complement and enhance your BT Business Protect. Our security experts will install MARS onto your network, analyse results and recommend how you can implement an improved security policy. They can then work with you to design and deploy an in-depth network defence solution that accelerates response to attacks and enables you to identify, manage and deal with attacks to your system.

So there you have it. Prevention, detection, response and constant vigilance are the only real defence against attack in an increasingly dangerous electronic world. BT Business Protect can make it easier in one integrated security solution to audit, understand and manage the threats your IT and communications network is facing. Can you afford to leave your network exposed and unprotected?

Why choose BT?

With over 20 years of IT and communications experience and expertise, BT are well placed to deliver, install and maintain integrated security solutions. Our network securely handles over 35 million emails every month, has 323 globally managed firewalls to protect corporate infrastructures, prevents the threat of 75,000 viruses each month and carries out more than 300 million secure transactions daily.

What's more, many of our security experts are certified as BS 7799 Lead Auditors and we supply security consultancy and services to central, regional and local government organisations worldwide. In addition to Cisco Systems, we are currently working and collaborating with other leading security specialists such as Trend Micro, MessageLabs, VeriSign and Websense.

Why choose Cisco Systems?

We see Cisco Systems as the ideal partner in delivering Internet security solutions to our customers. A world leader in the design and manufacture of networking and communications technology, they are also pioneers in the development of innovative security devices that address every aspect of intrusion prevention. With over 1,500 security-focused engineers and nine new acquisitions, Cisco and BT working together can offer you the widest security solution portfolio available.



To find out more, please contact your BT Account Manager or visit www.bt.com/btbusinessprotect

Offices Worldwide

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