



# Curing the compliance headache

A practical guide on how  
services and technology  
can be effectively applied  
to help achieve compliance,  
reduce costs and improve  
business efficiency

# Meeting the Compliance Challenge

Organisations of all sizes and sectors are constantly challenged with increasing IT complexity, escalating business demands and an evolving regulatory landscape.

**Last year, the retail sector concentrated on trading through the recession, but as growth returns, the focus on PCI will now resurface.**

**From 30 September 2010 the PCI DSS applies to all UK organisations, yet in a recent study\* one in three affected companies reportedly do not have a complete understanding of PCI requirements, and only 11 percent indicated they were fully compliant.**

\*Source: Redshift Research, March 2010

**Public sector organisations face the challenge of improving service delivery and security on reduced budgets, while demonstrating greater transparency and efficiency. With lowering costs a central focus, information security could be put at risk, with organisations falling behind in areas of compliance.**

**Changes to the Government Connect CoCo requirements may mean that some local authorities have more to implement with decreased budgets in order to achieve the new compulsory standards.**

Whether you are faced with achieving compliance with the Payment Card Industry Data Security Standard (PCI DSS), the Government's Code of Connection (CoCo) or the Information Governance Statement of Compliance (IG SoC) to access the NHS National Network, the challenge is often the same – how to do more with less.

Widespread IT budget cuts across the public sector, and the slump in British business following the recession, has resulted in many organisations struggling to cope with the challenge. This combined with tougher compliancy measures and differing interpretation of legislative requirements has often resulted in little consideration of the financial investment and resource required for businesses to address compliance standards.

Achieving compliance is viewed by some people as a necessary 'box ticking' exercise; indeed, some even consider it an obstacle to doing business. But rather than approaching it as an ad hoc exercise, working within a compliant framework can add long term value to a business in terms of greater transparency, improved efficiencies and importantly ensuring safe and secure handling of sensitive information. Compliance is often a catalyst for driving savings elsewhere across the business.

As compliance standards have tightened, and recommended practices become mandatory requirements, the cost for being non-compliant has also increased with higher financial penalties being awarded by the Information Commissioners Office (ICO), Financial Services Authority (FSA) and other agencies that ensure data privacy laws are properly enforced.

The ISO27001 international standard specification for an information security management system (ISMS) requires controls to be appropriate and proportionate to an organisation's requirements for confidentiality, integrity and availability. The ISO standard is often perceived as being less prescriptive than PCI and CoCo standards, but implemented correctly it can help organisations comply with requirements from other sources, as well as reduce overall cost, improve internal security efficiency and external assurance.

## Technology can be used to address many aspects of compliance, whilst underpinning a robust security policy and strengthening user awareness.

Check Point Software Technologies Ltd. is recognised as the leading vendor for firewalls, VPNs, mobile data encryption and other key security solutions, all of which can address individual technical challenges presented by compliance requirements.

With its unified approach to security architecture Check Point enables organisations to drive more value from their IT security systems, using common core technologies to provide consistency between products for things such as authentication, encryption, stateful firewall inspection and intrusion prevention.

Check Point products can be deployed as part of an overall strategy to provide a compliant IT security posture, and assist towards realising full compliance across an organisation. The security matrix below illustrates the breadth and depth of Check Point solutions when mapped against key compliance areas.

Whilst discrete product solutions may help plug any gaps in your compliance controls Check Point's integrated approach and new **Software Blade architecture** offers a series of independent and flexible security modules that enable you to select the security blades you need to build a custom Check Point Security Gateway on a single platform.

Whatever your immediate and longer term requirements may be in respect to compliance, with an integrated solution based on Check Point's **Unified Security architecture** you will be able to enjoy consistent and efficient control of your security infrastructure to improve security, reduce complexity and lower the total cost of ownership.

To find out more call **0844 225 2888** or email us at [checkpoint@imerja.com](mailto:checkpoint@imerja.com)

- = Addresses compliance standards
- = Partly addresses compliance standards

	Firewalls/Secure Networks	Intrusion Prevention	Mobile/Home Working	Protective Marking	Policy Management	Content Analysis	Personal Firewall	Removable Media	URL Filtering & Web Security	Anti-Virus & Anti-Malware	Anti-Spam & Email Security	Configuration Control	Access Control	Logging	Patch Management	Virtualisation
Network Security Appliances	●	●	●			●			●	●	●	●	●	●	●	●
Endpoint Security Suite	●		●			●	●	●		●		●	●	●	○	
Security Gateway Software Blades	●	●	●			●			●	●	●	●	●	●	○	●
Security Management Software Blades				●	●							●	●	●		●

With its extensive portfolio of security solutions Check Point addresses compliance challenges through a single unified architecture, which is administered through a common management interface. In addition to offering high levels of compliance, the Software Blade architecture reduces Total Cost of Ownership with a high Return on Investment.

## Data Loss Prevention

Data Loss Prevention (DLP) systems are designed to detect and prevent the unauthorised use and transmission of confidential information outside of an organisation. Seen as a core control by the majority of compliance standards, organisations are required to be able to identify, monitor and protect data when in use, in motion and at rest.

Check Point has taken a pragmatic approach to addressing DLP, combining technology and processes to move businesses from passive detection to active prevention.

Innovative MultiSpect™ data classification combines user, content and process information to make accurate decisions, while new UserCheck™ technology empowers users to remediate incidents in real time.

Check Point's self-educating DLP solution frees personnel from incident handling and instructs users on correct data sharing policies - protecting sensitive corporate information from both intentional and unintentional loss.

### **Prevents data loss of critical business information -**

empowers users to remediate incidents in real time

### **Combines technology and processes to make DLP work**

- data classification engine combines users, content and process that delivers unrivalled accuracy

### **Easy deployment for immediate data loss prevention**

- protects sensitive data from day one with pre-configured policies and the broadest support for file formats and data types

## Intrusion Prevention System

Intrusion Prevention Systems (IPS) monitor network systems for malicious activity, log information, attempt to block/stop and report.

Check Point has incorporated IPS as standard in the release of the Security Gateway R70 – a true integrated security platform that delivers firewall, VPN, IPS and other advanced security capabilities based on the new Check Point Software Blade architecture. The new integrated IPS blade provides complete intrusion prevention capabilities at multi-gigabit speeds, delivering industry leading total system performance.

Security Management blades for IPS event management and system provisioning sets the new bar for security management.

Check Point makes IPS technology affordable and easy to operate with breakthrough performance and best-of-breed protection. By any comparison: price, performance, or protection, the IPS software blade represents a revolution in intrusion prevention.

### **Complete IPS protection**

- fully functioning IPS integrated into your existing firewall

### **Industry-leading performance**

- multi-gigabit total system performance for IPS and Firewall

### **Dynamic management -**

complete set of management tools including real-time event views and an automated protection process

### **Protection between patches -**

reinforces security during delays in the patching process

## Endpoint Security

Endpoints are of major concern to businesses today; holding sensitive information and used frequently outside of a protected network environment, they present data loss risks for any business.

Check Point Endpoint Security™ is the first and only single agent that combines all the critical components for total security on the endpoint.

Check Point Endpoint Security reduces the total cost of ownership (TCO) of deploying and managing endpoint security by reducing both capital expenses and operating expenses associated with procurement and ongoing maintenance of endpoint security.

A revolutionary solution to help reduce the endpoint risk is Check Point Abra – an ultra-portable plug-and-play device that creates a secure virtual workspace. Abra instantly turns any Windows PC into your own corporate desktop, allowing users to access files and applications anywhere, anytime - without the weight of bulky laptops or work files. With built-in encryption, users can work offline or online using Abra's integrated VPN client.

**Prevent data loss and system downtime** - endpoint security includes disk encryption security for PCs and laptops

**Reduce the time and cost** associated with deploying and managing endpoint security

**Protect enterprises** against growing web based threats with secure virtual browsing

**Stop unsafe PCs** from infecting enterprise networks with fully integrated IPSec VPN

## Application Security

Application security encompasses the use of software, hardware and procedures to protect applications from various threats. The wide adoption of social media and Web 2.0 applications is changing the way people use the Internet. More than ever, businesses are struggling to keep up with security challenges beyond simply blocking IP addresses, ports, and protocols.

Check Point's latest firewall innovation, the Application Control Software Blade, brings the industry's strongest application and identity control to organisations of all sizes, allowing them to intuitively create policies which identify, block or limit usage of thousands of applications, based on user identity.

Integrated with Check Point AppWiki, organisations can control over 4,500 applications and over 50,000 social networking widgets - regardless of port, protocol, or evasive technique used to traverse the network.

**Largest application library with AppWiki** - comprehensive application control leveraging the industry's largest application library, scanning and detecting more than 4,500 distinct applications and over 50,000 Web 2.0 widgets

**Integrated into all security gateways** - activate Application Control on any Check Point security gateway including UTM-1, Power-1, IP Appliances, and IAS Appliances

**Central management** - enables security policies to be centrally managed from a single user-friendly console for easy administration

# Check Point Software Blade Architecture

## Key Benefits

**Simplicity** - easy administration, total flexibility and simple security activation

**Manageability** - one-click activation enables fast deployment of security services

**Total Security** - delivers unrivalled security integration at all layers of the network

**Lower TCO** - up to 50% compared to traditional multi-vendor solutions

**Guaranteed performance** - delivers performance up to 29Gbps. Allows for provisioning of resources that guarantee service levels

**Lower carbon footprint** - delivering green IT savings from consolidation of multiple point solutions into one integrated gateway

## A new innovation that will future proof your IT security infrastructure

Protecting networks against today's constantly evolving threat environment has never been more challenging. Infrastructure, connectivity and performance requirements keep growing.

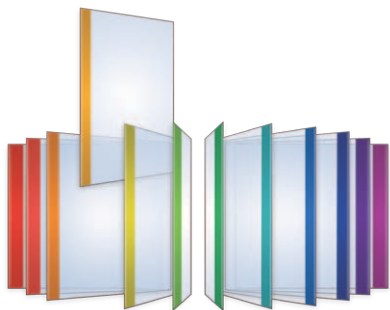
IT teams are under increasing pressure to reduce costs and complexity, and to do more with existing hardware and resources. As a result, organisations are looking for an effective solution - one that is more simple, flexible and easier to manage.

Check Point's Software Blade architecture is the first and only security architecture that delivers total, flexible and manageable security to businesses of any size. It enables organisations to easily and efficiently tailor their network security infrastructure to meet critical and targeted business security needs.

As new threats and needs emerge, the Check Point Software Blade architecture quickly and flexibly extends security services on-demand - without the addition of new hardware or management complexity. All solutions are centrally managed through a single console that reduces complexity and operational overhead.

Check Point Software Blades deliver lower total cost of ownership (TCO), faster return on investment (ROI) and cost-efficient protection to meet any network security need - today and in the future.

**For more information on how you can benefit from Check Point's Software Blade architecture and future proof your IT security infrastructure through consolidation, contact Imerja on 0844 225 2888 or [checkpoint@imerja.com](mailto:checkpoint@imerja.com)**



# Delivering Compliance with Imerja Services



Imerja has developed a range of innovative services that help organisations meet compliance requirements and deliver cost efficiencies through smarter working and outsourcing.

Our IT solutions can all be complimented by our flexible services framework, **m|four**. Based on a suite of standard modules, you can choose the element and level of service you need for your business. To find out more email [mfour@imerja.com](mailto:mfour@imerja.com)

## Infrastructure

Imerja offers a complete end-to-end portfolio of infrastructure services, from initial network assessment and gap analysis, through design and implementation, comprehensive and flexible support services to ITIL compliant SLA based network monitoring and management services.

Working with large organisations such as central government bodies, local authorities, healthcare trusts and high street retailers, Imerja has a wealth of experience in the design and implementation of infrastructure projects of all sizes and complexity.

## Security

Our security services range from policy development, penetration testing and security health checking, through to implementation of organisation-wide security solutions including remote working and endpoint encryption, ensuring that your business is secure at all levels.

All of our security solutions and services are delivered in line with the ISO27001 standard which underpins our commitment to providing the best technical solution to address your security issues.

## Hosting

Imerja's purpose built hosting facilities have been developed around ISO27001 and PCI standards, offering customers peace of mind that their data and critical business applications are held securely and in-line with key compliance requirements.

With hosting centres in the North and South of the UK, the service can be delivered around specific location needs with flexible service levels designed to meet any requirement.

**Co-location | Complex | Bespoke**

## Telecoms

Business telecoms are now part of the IT manager's wider responsibility, and this increasingly includes the transfer of data over mobile. Imerja has developed a set of competitive tariff and service packages available for business telecoms.

**Mobile minutes** – competitive tariffs from the UK's main network providers

**Managed mobile** – 24x7 managed corporate handsets

**Enterprise mobile** – bespoke corporate environment providing secure access to corporate assets

# Imerja & Check Point - a Peace of Mind Partnership



Imerja Limited is a flexible Service Provider delivering expertise and market leading solutions that help affect change, protect information and make cost savings. Client focused and responsive, Imerja listens to and works with customers in an open and trusted approach. With dedicated hosting facilities and flexible unified communications services, Imerja delivers business solutions underpinned by a wide range of technical skills and expertise, comprehensive support, maintenance and managed services. With a strong public sector focus Imerja works in partnership with its customers to overcome security and infrastructure challenges, ensure compliance and enable modernisation.



Imerja is a Check Point Gold Partner, Check Point Collaborative Enterprise Support Partner (CCSP) and Managed Service Provider (MSP). In 2010 Imerja was awarded the Check Point EMEA Endpoint Partner of the Year Award.



**Check Point**  
SOFTWARE TECHNOLOGIES LTD.

Check Point Software Technologies Ltd. ([www.checkpoint.com](http://www.checkpoint.com)), the worldwide leader in securing the Internet, is the only vendor to deliver Total Security

for networks, data and endpoints, unified under a single management framework. Check Point provides customers with uncompromised protection against all types of threats, reduces security complexity and lowers total cost of ownership. Check Point first pioneered the industry with FireWall-1 and its patented stateful inspection technology. Today, Check Point continues to innovate with the development of the Software Blade architecture, which delivers secure, flexible and simple solutions that can be fully customised to meet the exact security needs of any organisation or environment. Check Point customers include tens of thousands of businesses and organisations of all sizes including all Fortune 100 companies.

For further information on how Imerja and Check Point can work in partnership to assist you in achieving regulatory compliance, or in addressing other IT infrastructure or security issues, please speak to your Imerja account manager or contact us directly on the number below:

## Imerja Limited

Hallmark House  
Paragon Business Park  
Chorley New Road  
Horwich  
Bolton BL6 6HG

Bennetts Place  
High Street  
Market Harborough  
Leicestershire  
LE16 7NL

Regent House  
Theobald Street  
Elstree  
Hertfordshire  
WD6 4RS

Phone: 0844 225 2888 | Fax: 0870 861 1489 | E-mail: [info@imerja.com](mailto:info@imerja.com)

[www.imerja.com](http://www.imerja.com)