



Assured messaging and application security solutions

Bastion™
Information and Fact Sheet

Connecting the unconnectable with complete peace of mind

Bastion has been designed for situations where the interchange of sensitive information requires total protection.

The ultimate in firewall protection

Bastion is a sophisticated Application Protocol Firewall that enables the controlled and accountable flow of communication between networks operating at differing security classifications.

In providing assured separation to EAL4-certified standards, the beauty of Bastion lies in its ability to prevent any unauthorised traffic traversing the boundary between networks.

Bastion is a key component in connecting sensitive Government networks and is ideally suited to securing data flows for both messaging and management information such as SNMP or Directory traffic.



How it works

Bastion acts as a trusted intermediary for all messaging traffic between internal and external networks or networks that do not share a common level of trust.

It works by providing an 'electronic air gap' between networks, stopping virus, malware and hacker attacks and offering a protected environment in which additional message screening can be applied.

Bastion maintains separate channels for message flow between networks, allowing different policies to be applied in each direction.

Data can only be sent via pre-specified IP addresses (in-bound or out-bound) and traffic is restricted to specific protocols (i.e. SMTP, SNMP, X.400 or X.500) providing an enhanced layer of security.



Key features and benefits

- Certified Common Criteria EAL4 security solution
- Overcomes network isolation
- Meets stringent security policy requirements
- Enables messaging between networks of differing sensitivity
- Flexible architecture allows plug-in filter modules
- Supports X.400 or SMTP/MIME messaging protocols
- Turnkey package simplicity
- Supports X.525 DISP for synchronisation of Directory servers
- Supports SNMP protocol commands for use within remotely monitored environments
- Allows isolated networks to be connected to 'sterile' compartments

The complete package

To ensure that Bastion meets the certified Common Criteria EAL4 security standard, it is normally supplied as a complete, configured turnkey system, comprising software and hardware. Bastion is typically installed in conjunction with various components of the advanced content security solution for which Deep-Secure Ltd is renowned, including content filtering, integrated virus scanning, macro screening and classification handling.

We meet the most exacting standards

We have a proven track record within the strictest data security environments, including UK MoD, Security Services, Government and commercial networks carrying business or client sensitive data.

About Deep-Secure Ltd

Formerly operating as the Specialist Products Division of Clearswift, Deep-Secure Limited has built up a reputation as the premier provider of high assurance data sharing products for Defence and Government organisations around the world.

Our customers include UK MoD, UK Government, NATO, Australian Defence, BAe Systems and many of the global system integrators. All typically require that the solutions are comprehensively evaluated to the Common Criteria EAL4 standard and this requires Deep-Secure's specialist levels of security knowledge, development and engineering expertise.

Deep-Secure offers highly configurable solutions built around a core set of evaluated products that meet both current and emerging needs for secure data sharing for email, web and IM platforms.

For more information please visit:
www.deep-secure.com

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