

Anti-virus

Consultancy and Support
Services

Content Management

Data Protection

Managed Services

Network Security

Training

Data Sheet redprotect Email

Security

Product overview

The spread and diversity of email-borne threats is on the rise. Due to complexity and blurring borders, networks are becoming increasingly vulnerable leading to the loss of time, confidential information, and focus on core business activities.

Redstone's fully managed email scanning service provides anti-virus, anti-spam and policy enforcement capabilities, protection from viruses, spyware, intrusions, unwanted applications, phishing, spam and email policy abuse.

Redprotect email is built on multi-layer fault tolerant architecture housed in multiple Redstone UK Data Centres.

System advantages

- Configured system built by Redstone enabling support of complex security or regulatory compliance requirements
- A highly flexible policy environment allows the creation and assignment of different policy rules to different groups, and to implement email policies that further reduce the risk of customer privacy, intellectual property and compliance regulations being compromised.
- Lower cost compared to staff managing the problem in-house, reduced workload through delegated administration and hosted system off-site.

Technical specification

Function

- Protects against spam and viruses at the gateway by scanning all inbound and outbound email, and allows customised group policies to be set.

Anti-spam module

- Genotype spam detection technology proactively blocks families of spam campaigns.
- Reputation filtering blocks email from known bad senders at the MTA or policy level.
- Content scanning technology cleans up and deconstructs complex, disguised messages.
- Weighted tests include URL analysis and multilingual heuristic tests.
- Automatic tuning adjusts the weighting of tests to catch campaigns designed to bypass a single, popular filtering technique.

Anti-virus module

- A range of technologies and pattern matching, emulation and heuristics, automatically check for malicious code.
- Genotype virus detection technology proactively blocks families of viruses.

Key features & benefits

- Detects up to 98% of spam and protects against email scams, including phishing attacks.
- Detects, disinfects, deletes or quarantines viruses, spyware, Trojans and worms in incoming and outgoing email.
- Behavioural Genotype technology blocks unknown threats before they can cause damage.
- Automatically balances a range of spam detection techniques to deliver consistent accuracy.
- Uses reputation filtering to optimise throughput.
- Employs Genotype technology to catch evolving spam campaigns and new virus variants.
- Provides powerful content scanning controls to protect against confidential information leakage.
- Updates automatically with the latest protection from a global network of threat analysis centres.
- Provides end-user quarantine review, allow lists and block lists.
- Enables customised email management and reduces workload, through delegated administration.
- Reliability – fault tolerance built in over multiple data centres to ensure the service is always available

redprotect Email

Technical specification (cont.)

Anti-virus module

- Redprotect email automatically receives the latest anti-virus updates and new spam rules created by expert analysts. Integrated behavioural Genotype Protection blocks malicious code before it executes, giving the benefits of a Host Intrusion Prevention System (HIPS) without the need to manage a separate solution. Unlike runtime solutions, Redstone behavioural rule sets are constantly validated against an extensive library of legitimate applications, minimising the risk of false positives.
- Genotype technology also provides day zero protection against families of viruses even before specific detection is available.

Extended policy module

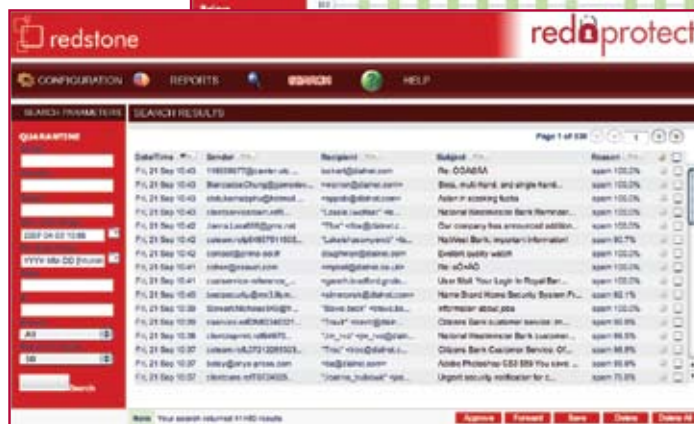
- Scans message attributes for specific keywords, phrases or patterns.
- Tags messages when triggered by custom policies, providing flexible reporting.
- Provides the ability to block messages, remove or rename attachments, and notify or warn a user, based on attachment type, name and size.

Delegated administration

- Enables master administrator to assign rights and privileges relating to policy, quarantine and reporting.

End-user interfaces

- Optional scheduled email-based quarantine review and web-based on-demand access to personal quarantines.
- Available in English, French, German, Italian, Japanese, Spanish and Traditional Chinese.



Redstone IT Security

With over 10 years experience Redstone's security solutions include everything from anti-virus to penetration testing and managed firewalls all backed up with comprehensive support and consultancy services. Our business supplies, commissions and manages all aspects of IT security and network analysis for a wide variety of public and private sector clients. Our in-house developed suite of security offerings underpinned by major vendor security engines ensures our continued unparalleled commitment to the industry and our clients.



About Redstone Managed Solutions

Redstone Managed Solutions has over 10 years experience of providing IT Infrastructure and Internet Solutions.

Solutions and services include:

- IT Solutions, Managed Services and Outsourcing
- Internet Solutions
- IT and Internet Security
- Network Analysis and Troubleshooting
- Application and Systems Development
- Managed Hosting and Business Continuity Solutions
- Network Infrastructure Management
- IT and Network Consultancy

Redstone Managed Solutions can manage and support your business networks from enterprise level through to the desktop, with a comprehensive single source service for business. We also provide hosting solutions from our London and Cambridge data centres, with scalable solutions, from a single server to multiple racks. Internet solutions include managed MPLS networks, managed firewall, email filtering, online data backup, global roaming internet access and all forms of connectivity throughout the UK. Our dedicated Cambridge Metropolitan Area Network delivers internet and integrated connectivity solutions over a state of the art communications back-bone.