

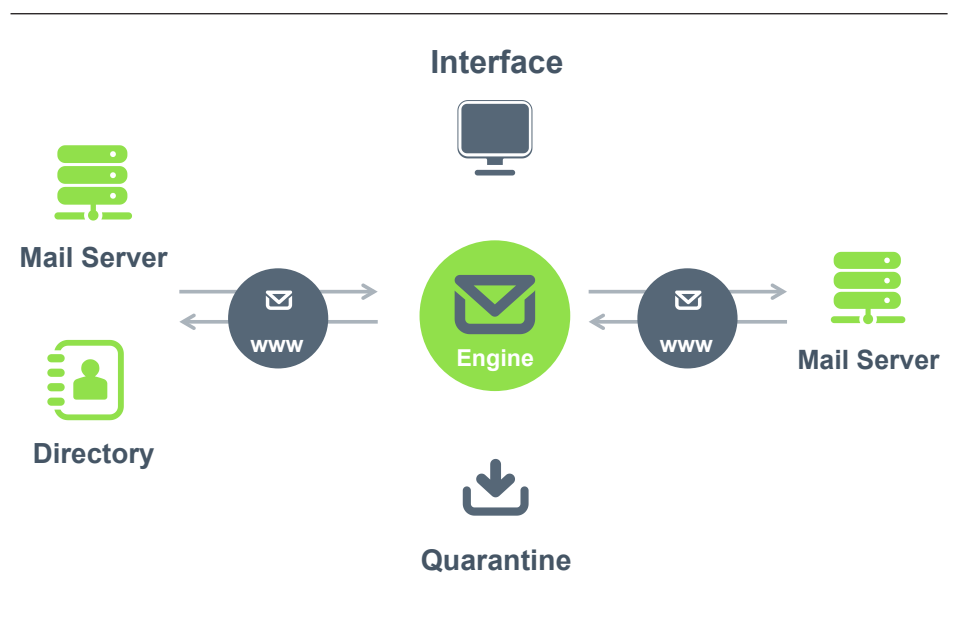
## Email Security-as-a-Service

Despite the **growing popularity** of instant messaging and social media, email remains the **primary communication platform** for many organisations. According to recent statistics, up to **2.8 million** emails are sent **every second**.

Email is also one of the primary methods that cybercriminals use to launch security attacks, including viruses and phishing attacks. The proliferation of attacks and the cost of dealing with them, continue to rise. Users can also inadvertently or intentionally share sensitive company information and files via email.

All this makes email protection and data loss and threat prevention critical components of an organisation's overall IT security strategy. This is key to ensure service continuity, protection of corporate sensitive information, and coverage for multiple threat vectors.

If you want to enable a consistent, 'always-on' email experience for your users while guarding against email threats – including viruses, phishing, spam, spyware, data theft, and other advanced and combined threats – Dimension Data's Email Security-as-a-Service can assist. This cloud-based service leverages Proofpoint's enterprise-class email security, continuity, encryption, and archiving solutions set.



As the solution is completely cloud-based, there's no hardware or software to install or update. By filtering mail at the Internet level before it reaches the network, Email Security-as-a-Service can save you considerable amounts on administrative tasks, bandwidth, end-user filtering, and even disk space on servers. The service is delivered via Proofpoint's global email security cloud platform.

### Delivered from a global email security cloud platform:

- service availability: 99.999%
- average email delivery: < 1 minute
- spam capture: 99%
- spam false positive: 1 in 350 000
- virus effectiveness: 100%

### The service provides:

- **Spam detection:** advanced spam, graymail and fraud protection, supported by an advanced and continuous machine learning technique, MLX
- **Anti-virus and anti-spyware:** layered virus and worm scanning to block known viruses
- **Data loss prevention:** scans all data in emails leaving your organisation, including body copy and attachments
- **URL defence:** blocks URL-based threats using a multi-layered approach by identifying malicious URLs in the spam filtering stage; re-writing to prevent direct access to potentially malicious sites
- **Attachment defence:** analyses, detects, and blocks malicious attachments in inbound and outbound messages
- **Email encryption:** secure delivery of email messages allows IT teams to easily enforce delivery of emails over an encrypted channel
- **Social media account protection:** advanced protection for branded social media accounts across all major social networks, including Facebook, Twitter, LinkedIn, Google+ and YouTube
- **Email archiving (optional):** reduces email storage and management costs, satisfies regulatory and compliance needs, and protects both the organisation and employees from security threats; provides a safe, simple, and cost-effective service for the retention of inbound, outbound, internal, and historical email
- **Email protection and continuity:** keeps employees, customers, partners, and suppliers connected 24/7 when email networks experience an outage due to natural disasters, power outages, or even regular maintenance; creates and manages consistent email security policies across devices, users, groups and more – defined once, with changes instantly reflected across the entire cloud
- **Unified policy administration:** secure, easy-to-use web interface allows end users to continue to send and receive messages with continued protection, search for and retrieve stored messages, and manage quarantines and message stores

### The benefits include:

- **Flexible choices:** four service packages allow you to select the level of protection you need; packages range from Beginner to Professional
- **Get email protection from the security experts:** obtain comprehensive email protection and availability as a turnkey service; all detection, filtering, quarantine, backup, and recovery functions are located and managed at our secure facilities
- **Block threats before they reach your network:** Email Security-as-a-Service works in the cloud, using in-memory filtering, to block more than 99% of spam, viruses, worms, phishing scams, and fraudulent emails outside your network; triple virus and worm scanning block malware with low false-positive rates
- **Filter emails in real time with a proxy-based approach:** intelligent email processing virtually eliminates risk of loss associated with system outages, message interception, or corruption from an infected email base
- **Limit impact from users who click on malicious links within emails:** eliminate the phishing and malware threats from embedded URLs within an email message
- **Encrypt sensitive company data to maintain compliance with privacy and security regulations:** protect your confidential outbound email with email content encryption without disrupting employees' day-to-day activities
- **Guarantee business continuity:** activate a secure, easy-to-use web interface for your users and administrators to compose, send, receive, and manage emails during any mail server outage or disaster with uninterrupted protection for all inbound and outbound messages
- **Access to Security Operations Centre (SOC):** 24/7 support and escalated engineering

## Service Matrix

Service Element	Service Package
<b>Email Security-as-a-Service</b>	
Global email security cloud platform	✓
<b>Beginner package</b>	
Reputation service	✓
Virus detection	✓
SPAM filtering	✓
Content filtering	✓
Zero hour threat detection	✓
Email continuity	✓
Email security web portal	✓
<b>Business package</b>	Includes Beginner
URL defence	✓
Attachment defence	✓
Data loss prevention	✓
Instant replay	✓
<b>Advanced package</b>	Includes Beginner, Business
Email encryption	✓
Social media account protection	✓
<b>Professional package</b>	Includes Beginner, Business, Advanced
Email archiving	✓
Service desk	✓
Incident management	✓
Escalation management	✓
Request fulfilment	✓
MACD service units	Optional
Service configuration MACDs	✓
Service management <ul style="list-style-type: none"> <li>• Client services manager</li> <li>• Service management reporting</li> <li>• Service review meetings</li> </ul>	Optional
<b>Client take-on</b>	
Client take-on administration	✓
Email security portal establishment and user creation	✓
Service policy verification	✓
Redirection of MX records and domain lock down	✓
Service acceptance and activation	✓

## Why Dimension Data Security?

As a wholly-owned subsidiary of NTT Group, we see 40% of all Internet traffic so we have unparalleled insight into the constantly changing threat landscape – insight which we bring to all our managed security services.

Our real-time threat management platform enables our security operations centre (SOC) analysts to centrally manage attacks, threats, and exposures.

Our participation in the compilation of the NTT Global Threat Intelligence Report, alongside NTT Security, enables us to use combined client data, security research, and real-world experience to protect your organisation.


We operate across all the spheres of modern IT architecture, including on-site IT, cloud services, and hybrid environments, so we appreciate the complexity and challenges involved.

This breadth of experience, combined with our deep skills in threat intelligence, infrastructure security, and the regulatory aspects of security, make us the choice of cybersecurity advisor for many global enterprise clients.

Over recent years, our 700 security consultants have carried out 15,000 engagements among our 6,000 clients in 58 countries.

Our approach is multi-disciplinary, spanning not only the whole gamut of cybersecurity, but all the other technologies which make digital business possible: networking, data centres, cloud services, and end-user computing.

'Our approach is **multi-disciplinary**, spanning not only the **whole gamut of cybersecurity**, but **all the other technologies** which make digital business possible: **networking, data centres, cloud services, and end-user computing.**'



'We operate across all the spheres of modern IT architecture...'