Interactive Link

Datagate Orchestrator - Enterprise

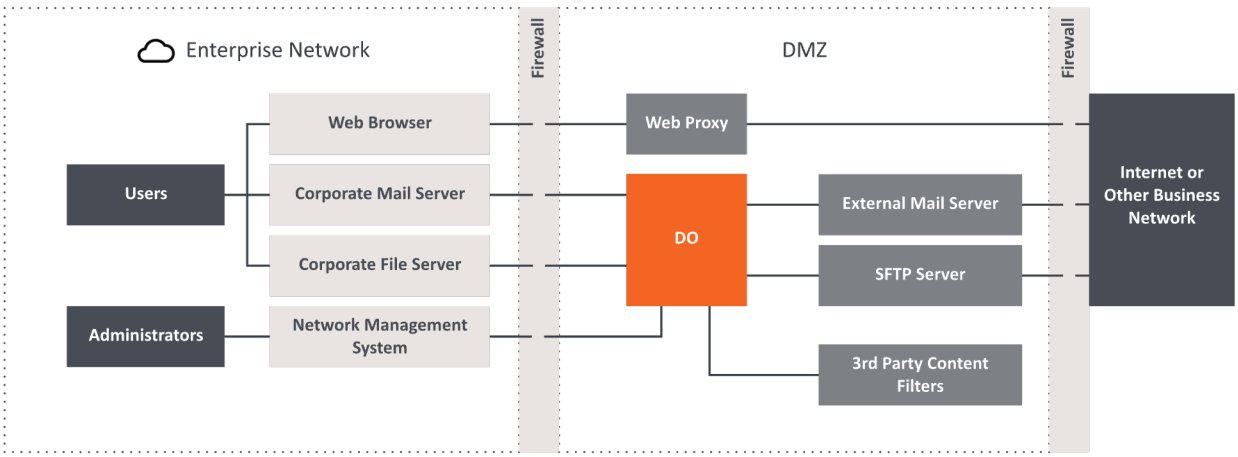
Unrivalled Security

What is the Datagate Orchestrator?

Datagate Orchestrator (DO) is a platform for managing the data passing into and out of a network. It acts as a gateway between the enterprise and other networks, such as the internet or another business network. A risk assessment engine performs analysis on data using a suite of content filters, while a data routing engine ensures that only the data that meets the configured set of rules is allowed to pass through the gateway. In addition to providing a wide range of built-in filters, DO integrates with third party content filters and anti-virus software. The flexible workflow system and wide variety of input and output interfaces allows DO to protect an enterprise network from the ingress of security threats, and the egress of sensitive information.

How does it work?

DO can be configured as an incoming and outgoing filter for file, email and web traffic. Data is routed to DO via enterprise network services such as SFTP, mail, and web proxies. DO applies a set of rules that are configured via an intuitive drag-and-drop workflow configuration interface. Notifications can be sent to users and / or administrators whenever traffic is blocked, and a rich auditing system provides details of the paths that data has taken through the network.



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Key features:

- Contains over 25 built-in filters to perform transformation (DFDL), sanitisation (XML, PuriFile), content analysis (dirty word, MIME type, XML schema validation), virus scanning, and metadata checks (web and email domains, file size).
- A Java API allows the development of new content filters, and integration with existing 3rd party content filters.
- A powerful content extraction engine ensures that all of the contents of a transfer are analysed, including nested content such as ZIP files and office document attachments.
- Can be used to enforce a manual review and release of data, in addition to the automatic data routing capabilities. A quarantine management system provides a mechanism for reviewers to inspect suspicious files.
- Can be clustered with additional DO nodes to provide a single logical audit and quarantine view for a cluster.

Technical Specifications

Data Input / Output Interfaces	File – Supports local filesystem and network shares (XFS, EXT4, NFS, CIFS) Email – SMTP with TLS support SFTP – support for certificate and user authentication Streaming – TCP (with TLS) and UDP Web – ICAP
Transformation	Daffodil
Sanitisation	XML, PuriFile
Anti-Virus Products*	Sophos, McAfee, ClamAV
Third Party Filters*	PuriFile, NiFi
XML Validation	XSD, DTD, ISO Schematron
Configuration	Web interface (with drag-and-drop workflow configuration)
Authentication and Security	Role-based access control to web interface (RBAC), Two-person integrity, LDAP integration
Auditing & Monitoring	Web interface, Custom report generation, Email notifications, Log files, Syslog, SNMP traps (v1 & v3), Clustered audit
Minimum Hardware	8-Core 2.9GHz 32GB RAM
Operating Systems	Red Hat Enterprise Linux 7 and 8

* Third party filters and anti-virus products must be purchased and/or installed separately

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