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OpenText Data Integrator Perimeter

Protect internal systems, control message flows,
and streamline integration

Benefits

- Enhances perimeter security by controlling message traffic
- Protects internal systems from external threats
- Seamlessly integrates with existing firewalls and DMZs
- Centralizes security management with access control

With today's renewed emphasis on protecting sensitive data and infrastructure, private, public, and government organizations are increasingly implementing advanced security solutions. OpenText™ Data Integrator Perimeter fulfills the strict security requirements of financial, healthcare, and government institutions, and the most demanding security requirements of suppliers and retailers in the supply chain.

Protect the integrity of your data

OpenText Data Integrator Perimeter is designed to work in conjunction with the OpenText™ Data Integrator portfolio to securely relay messages exchanged with your trading partners. A comprehensive set of advanced security components, the solution protects internal systems from external threats. With this add-on, companies can safely and securely participate in business-to-business integration (B2Bi) and the secure exchange of information over the internet.

Industry standards, such as EDI-INT, AS2, AS4, and ebXML, provide secure data packaging for internet transmission, while technologies like secure sockets layer (SSL) create encrypted tunnels through for that data. The solution supports these standards and technologies, offering a secure gateway through which all inbound and outbound HTTP and FTP data can pass through a single, secure, and manageable solution.

Configurator integration

Configuration and administration are fully integrated into the OpenText Data Integrator UI, including shared user and certificate management. A single OpenText Data Integrator instance can manage deployed instances of OpenText Data Integrator Perimeter across your organization.

Certificate administration

Manage internal private keys and an unlimited number of trusted keys using the solution's certificate administration capabilities.

User management and authentication

All user information is encrypted, giving administrators complete control over access to sensitive data:

- Users are set up for HTTP/Tomcat configuration management with authentication
- FTP/SFTP users can be configured for internal or external access, with both user and certificate-based authentication
- The solution can integrate with existing LDAP-compliant account management systems

Integrated secure FTP server

An integrated FTP server provides essential infrastructure within the DMZ and complements other components to provide a one-stop DMZ infrastructure solution. It also offers full support for legacy Inovis BizManager implementations, including AS2 asynchronous message disposition notifications (MDNs) and FTP-based agents.

FTP proxy

The FTP proxy allows secure, bidirectional file transfers between clients and servers for OpenText Data Integrator Enterprise users. It is particularly useful in environments with strict firewalls or where passive FTP is unsupported.

HTTP proxy

The HTTP reverse proxy relays messages from outside the firewall to internal messaging servers (e.g., OpenText Data Integrator Enterprise). The forward proxy handles outbound connections, masking internal clients from external targets.

Outpost redirector

OpenText Data Integrator Perimeter Outpost Redirector enhances security by enforcing two key principles:

- No external party can push data/files directly to internal systems via open ports
- No data/files are stored on a server in the DMZ, not even temporarily

Outpost Redirector is used where security policies do not allow inbound connections from the DMZ into the enterprise, providing seamless tunneling of incoming HTTP-based messages.

Fallback and load balancing

Fallback capabilities provide fault tolerance, or the ability to route messages to backup/secondary inbound listener servers when the primary server is inaccessible. Load balancing distributes messages across the system to avoid bottlenecks—ensuring consistent availability and message delivery without overloading individual components.

Product highlights

- Centralized configuration via the configurator
- Support for HTTP-based message transports: AS2, AS4, EDI-INT, ebXML, EBMX, NAESB, Web Services, Web Apps
- Certificate administration and generation
- User management/authentication
- Integrated secure FTP server
- FTP reverse/forward proxy
- Named FTP server users
- Configurable FTP pull or push option
- Active or passive FTP
- FTP host masquerading
- FTP remote host verification
- FTP transparent gateway
- FTP support of TLS and SSL
- FTP clear or private data connections
- HTTP & JSP Servlet Engine (Tomcat)
- HTTP reverse/forward proxy
- AS2 asynchronous pull
- AS2 message validation
- Outpost Redirector
- Fallback (fault tolerance)
- Load balancing (high availability)

OpenText Data Integrator Perimeter provides secure, centralized control over B2B data exchange at the network edge, helping protect internal systems while enabling seamless communication with external partners. Integrated with the OpenText Data Integrator portfolio, the solution ensures consistent security policies, streamlined administration, and full visibility into message flows.

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