Product Datasheet

MESSAGEWay®

Secure Business to Business Integration and Managed File Transfer

Small and large organizations alike are looking for cost-effective ways to collaborate and exchange critical business files, increase order-to-cash cycles, and extend the value of supply chains. The challenge is finding a flexible, scalable solution that will modernize your company's IT environment, enhance its value, strengthen your partner network, and provide a quick ROI.

MessageWay® is a Business to Business Integration (B2Bi) and Managed File Transfer (MFT) platform that lets companies quickly implement secure data processing transmissions and transformation services into their file transfer operations using industry standard SOA interfaces.

The MessageWay solution delivers fast time-to value while meeting compliance requirements and SLAs; reducing data loss; cutting costs; and increasing efficiency, revenue, and profit.

- **Increase Business Agility**
  Quickly resolve integration challenges between applications like CRM, ERP and supply chain.

- **Interoperable with Existing Infrastructure**
  Using SOAP/REST based web series and custom process integration interfaces.

- **Govern and Enforce**
  Mitigate data loss risk by increasing end-to-end control and visibility from the edge of the network to the application environment with no data in the DMZ.

- **Transform and Validate**
  Provide data transformation for application-ready file formats.

- **Reliable and Scalable**
  Performance Proven to handle extreme volumes of data exchanges, thousands of trading partners, and millions of end users.

MessageWay Benefits

Accelerate Time to Revenue
Eliminating manual processes and adopting electronic processing capabilities naturally accelerates the speed with which an enterprise can handle orders, payments, and settlements. MessageWay's rapid provisioning capability quickly adds new customers and suppliers to the network, allowing your organization to scale the system as the trading community grows.

Ensure Superior SLA Performance
Managing SLA agreements can be complex and subjective when the necessary performance data is not availalable. MessageWay alleviates these issues by automating the business process flow outlined in an SLA agreement, enabling the enterprise to meet and exceed defined performance standards. In addition, MessageWay identifies late or missing file transmissions and alerts partners in advance of potential financial consequences.

Improve Customer Responsiveness
MessageWay's unique design delivers optimal flexibility and supports the introduction of new services to customers, suppliers, and partners. It provides instant visibility to file exchange information for quick response to customer inquiries.

Ensure Compliance and Accountability
MessageWay is equipped with "one-click" tracking that displays comprehensive file history and supports regulatory and audit requirements in real time. This unique capability allows retrieval of all parent-child related messages in the B2B process flow, documenting every file state change to ensure that your business meets regulatory requirements, such as Sarbanes Oxley, HIPAA, and other federal mandates.

MessageWay: Consolidation and Control of Enterprise File Exchange

FTP servers and proprietary file movement clients often times proliferate below the radar. Today these environments represent security and operational risks to the business with compliance violations resulting from data residing in the DMZ, unsecure pockets of data throughout the internal network and a lack of unified access control and auditing. Operationally, these environments have multiple points of failure, do not scale, are difficult to support and are nearly impossible to implement in a highly available architecture. With increasing security regulations, rising costs in application support and maintenance and legacy applications/hardware being retired, now is the time to take complete control over your B2B and MFT operations.

MessageWay mitigates these risks by migrating these processes in-whole or in-part into a single secure, scalable and reliable solution with visibility into all file processing while preserving required custom applications and processes.

With MessageWay in your environment both your internal and external file transfer customers will experience an enhanced level of security, availability, performance and consistency in their file exchange services.

MessageWay Manager

From provisioning and scheduling to routing and tracking all message activity, MessageWay Manager provides centralized control over all electronic file movement. With configurable notifications and alerts, your organization benefits from real-time control and visibility of operations at any moment in time. MessageWay Manager provides easy-to-use tools that enable you to establish intelligent workflow and control the unique processing requirements of every file exchange with trading partners.

HIGHLIGHTS

- Intelligent workflow, scheduling, and exception management
- Complete visibility and auditability of all file exchange
- Full accountability for all file movement history
- Regulatory and security policy compliance

MessageWay Integrator

MessageWay Integrator enables you to modernize your existing application environment with secure MFT and B2B capabilities.

MessageWay Integrator employs industry standard (SOAP/REST) web services interfaces that provide lightweight access to core MessageWay services and data repositories from your SOA enabled application environment.

Additional integration adapters and servers provide capabilities for loosely coupling custom processes via command line or scripts for rapid migration and deployment. Extended support into legacy protocols like Connect:Direct is also available.

HIGHLIGHTS

- Reduce MFT implementation time and cost
- Provide secure B2B/MFT services to SOA applications
- Preservation of custom programs and processes
- Expanded visibility of enterprise file transfers operations
- Support into legacy protocols like Connect:Direct
- Set new benchmark standards for SLA performance

MessageWay Transport

MessageWay Transport provides you with highly scalable and secure client & server communications that enable you to exchange files in complete confidence – on both sides of the firewall. With MessageWay's diskless perimeter servers, "data at rest" issues in non-secured areas of your network (e.g. DMZ) are eliminated with secure streaming.

Whether receiving files from your trading partners or 'pushing' files to them, data is securely streamed through your DMZ without the need to store data even temporarily in less secured zones of your multi-tiered network.

MessageWay Transport's architecture has been accepted in organizations with even the most stringent network security policies in place.

HIGHLIGHTS

- Establish full coverage over enterprise file exchange
- Comply with regulatory and audit requirements
- Maximize communications server utilization compliance

MessageWay Translator – Optional Module

The MessageWay Translator is available as an optional module and provides high-performance data translation services using predefined data transformation maps to translate files types such as flat files, XML, X12, EDI, AS2, ERP, SWIFT, ACH, HL7, proprietary, and BAI2.

The MessageWay Translator is used by global enterprises for validating and reformatting high volume, highly complex files and delivering unrivaled end-to-end performance. It provides single-pass, "any-to-any" translation that eliminates the need for intermediate file formats.

Features and Capabilities included in MessageWay Server		
Visibility	• Server logs of all file transfer activity • Syslog integration • Notifications of server events and completed transfers • Automatic archiving of data • Automatic retention and process replay	• Advanced analysis, visibility, reporting and trending • Alerts with files do not arrive on time; Track SLAs • Lifecycle tracking, including subsequent applications/processes • Self-service access to reports for customers and partners
Management	• Standards based and integrates with existing infrastructure • Virtualized platform support • Simultaneous authentication against internal & external databases • High availability for resiliency and failover • Workflow and scheduling of file related processes • Web farm for clustering and load balancing • Multitiered architecture deployment • Centralized location for all file transfer and processing jobs	• IBM WebSphere Message Queue (MQ) adapter • Tectia-ready – interoperable with Tectia Client and Tectia Server • Integration with existing middleware and business applications such as TIBCO, IBM, Oracle, SAP, etc. • Extreme volume of simultaneous transfers • Data transformation for destination-ready file delivery (Flat, EDI, AS2, XML, ACH, SWIFT, X12, HL7, ERP, proprietary) • Server platform support for UNIX, Linux and Windows
Enforcement	• User and group provisioning, access and permissions • Password policies, including auto-expiration • Rules for IP and user lockout and blacklisting/whitelisting • Set user quotas (number of files, storage space) • Encryption and protocol rules (FTPS, SFTP/SCP and HTTP/S) • FIPS 140-2 compliant cryptography and FIPS-only transfer mode • File extension rules • Rules for alerts and notifications	• File integrity checking • Non-repudiation and guaranteed delivery • Expiration rules of files and folders on server • Hardened server settings and OS independent security • Storage encryption ("data at rest") • Antivirus integration • Administrative delegation of duties

IPSWITCH

FILE TRANSFER

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