

# MESSAGEWAY TRANSLATOR

## High Performance Data Translation Services



Organizations are looking for cost effective ways to collaborate and exchange critical business files to increase their order to cash cycles, and extend the value of their supply chains.

The businesses that are staying ahead of the curve have discovered significant time and cost savings by automating the exchange of B2B files using managed file transfer (MFT), and they have learned that in today's competitive economy, it's compulsory that their enterprise is able to differentiate on service.

One major differentiator on service is that your B2B customers now want to define the formats used for your electronic file exchange agreements, and non-compliance isn't an option. You need to be able to transform and process whatever your customers submit. 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 Translator is an optional module that is tightly integrated into the MessageWay MFT suite. It is employed by global enterprises for transforming high volume, highly complex files and delivering unrivaled end-to-end performance. MessageWay Translator delivers the industry's fastest and most efficient single-pass, 'any-to-any' translation that eliminates the need for intermediate or XML file formats.

MessageWay Translator customers benefit from total control and visibility over the translation process and consistent performance against SLAs.

### Market Leading Performance

File exchange volumes have continuously grown year after year and are expected to keep growing at a rate of 28% per year; it's highly likely your trading volumes will grow accordingly. With MessageWay Translator, you can rest assured that file translation won't be a bottleneck in your B2B file exchange. MessageWay Translator is engineered to meet the exacting throughput requirements of some of the world's largest EDI users. MessageWay Translator uses the industry's fastest and most efficient single pass translator to transform files with minimal memory usage and no intermediate or XML formats.

### Flexibility and Reliability

MessageWay Translator transforms any type of data structure in a single pass, ensuring maximum control and visibility of inputs and related outputs.

Whatever the format – flat files, XML, EDI, ERP, SWIFT, HL7, ACH, BAI, proprietary or others, MessageWay translates them in 'any-to-any' fashion, with no intermediate file generation. And like all MessageWay Translation processes, it is 'stateful' and cluster ready. In the event of a system disruption, translation will resume on your standby platform with no loss of data.

With MessageWay Translator, your organization can:

- Transform or convert files from one format to another so that they are destination ready.
- Immediately process files and documents that are submitted by partners, vendors and customers.
- Manage the growing volume of electronic file exchange in a consistent and compliant manner.
- Transform any data structure in a single pass, ensuring maximum control.
- Manage growing translation requirements without compromising process throughput.
- Parse and validate incoming files for completeness and accuracy before passing to other applications.
- Reduce human and hardware resource requirements.
- Preserve and improve SLA performance.
- Centralize management and visibility of message traffic.
- Out-perform the competition on B2B service.
- Meet compliance and regulatory standards.

### The fastest single pass translation of broad file and message formats

Proprietary	Industry Standards
<p>Flat files</p>	

Learn more about Ipswitch File Transfer solutions at [www.ipswitchFT.com](http://www.ipswitchFT.com)

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## Superior Resource Utilization

Translation can be a resource-intensive application. Translating higher volumes of data, bulk files and large numbers of files, can result in the need for larger, high-end servers and more of them. MessageWay Translator was developed in C++ and runs native in open platform environments. As a result, we achieve extraordinary results on commodity-class servers. And because it's a native implementation, MessageWay Translator doesn't suffer from the large file processing limits of other translator products.

## Parse and Validate Incoming Files

Integrity of content is a key issue in electronic file exchange. Unexpected content can lead to process interruptions and costly and time-consuming human intervention. MessageWay Translator uses validation and compliance rules built into the data definitions to ensure that only acceptable information is passed on to your applications. And configurable exception processing rules allow you to exercise total control over the disposition of non-compliant data, as well as the generation and delivery of associated notifications.

## Data Mapping Simplified

The graphical workbench provided with MessageWay Translator takes data mapping to the next level. The visual drag-and-drop tools enable the rapid development of file maps by administrative personnel. The workbench also supports unlimited scope of access. So if you need to map the last element (in the last occurrence of the last loop) to the first field in the outbound message, you still simply drag and drop. No more complex, custom data management routines. And while the workbench dramatically reduces technical proficiency required to develop and maintain translation maps, it also provides development tools for more technical users.

## Core Service Integration

MessageWay Translator is a tightly integrated core service of Ipswitch MessageWay, not a third-party bolt-on. With MessageWay Translator, you're equipped with extensive search and auditing capabilities as a standard feature of the MessageWay dashboard. Tracking facilities enable you to drill down to the transaction level to resolve audit and customer service inquiries. And because MessageWay Translator is core Ipswitch MessageWay technology, there's a single point of contact for support calls and a single source of subject matter expertise for implementation assistance. You will also have access to an extensive library of existing translation maps, and Ipswitch can also work with you to customize additional translation maps if needed.

## One-Click Tracking - Management Starts Once the File Gets Inside the Firewall

The unique capability of 'one-click' tracking displays comprehensive file history and supports regulatory and audit requirements in real time. There is complete visibility and auditability of all file exchange, and full accountability for all file movement history. This allows retrieval of all parent-child related messages in the B2B process flow, documenting every file state change to ensure that the business meets regulatory requirements, such as Sarbanes-Oxley, HIPAA, PCI DSS, and other mandates.

## Single Pass "Any to Any" Translation

- Translates data in a single pass, eliminating extraneous processing and the proliferation of intermediate files.
- Handles even the most complex data structures including flat files, XML, EDI, ERP, SWIFT, HL7, ACH, BAI or proprietary data formats.

## File Validation and Parsing

- Validates files for completeness and compliance with customer requirements, industry standards or federal regulations.
- Reduces/eliminates unexpected processing interruptions in backroom applications.
- Validation rules in data definitions 'inherited' by all maps.

## Graphical Development Mapping Workbench

- Unlimited scope of data access.
- Easily make file mapping changes from source format to target format using "drag and drop" functionality.
- Reduce personnel costs to develop and maintain maps.

## Reliability and Performance

- Built for high volume users with exacting service level requirements.
- Operates in 'stateful' and cluster ready environment that is designed to prevent data loss from system disruptions.
- Multiple server instances and multiple threads per server enable scaling on-demand.

To learn more, please visit [www.ipswitchFT.com](http://www.ipswitchFT.com)

