

# **eFLOW** for **Logistics**

- ▶ **Reduce labor costs by 40% or more!**
- ▶ **Standardize non-EDI transactions!**
- ▶ **Improve data accuracy and processing speed!**

Complex transactions, derived from transfer of information or goods among different locations, are the core of business conducted among organizations.

These transactions involve the exchange of documents such as purchase orders, invoices, billing records, bills of lading, freight bills, custom forms, and tax forms, and their attachments (reports, delivery notes, acceptance notes, and other documents).

Processing this information can be lengthy and costly. It includes gathering data from various departments and organizations, validating it against several databases, making decisions based on business rules, and then delivering the data to target back-office applications.

Either done in-house or outsourced, the process is lengthy and expensive. Though many of these transactions take place in electronic form (EDI and B2B hosting providers), the remaining paper-based transactions (approximately 10%-30%) leave thousands of documents to process manually each day.

When manually processing thousands of documents, the process yields high inefficiencies, and inevitably leads to costly consequences such as wrong shipments, late payment charges, and overpayments.

Until recently, technology for automating these processes was not up to task.

Now, thanks to the latest breakthroughs in recognition research achieved by Top Image Systems, the new *eFLOW for Logistics* is changing the way in which logistics information is processed.

After scanning the documents, *eFLOW for Logistics* extracts relevant data, completes the validation process, applies relevant business rules, and posts the appropriate transactions in the ERP, CRM, Content Management, or other information systems as needed. This process is highly efficient, enabling a much more productive operation.

*eFLOW for Logistics* will process your data quickly, accurately, and inexpensively so that you can reduce labor costs and expand your processing capabilities.

## **Benefits of eFLOW for Logistics**

- Typical ROI in 12 months or less
- Significant reduction in processing cycle time (throughput) of incoming orders, shipping and receiving, freight payments and consolidation, and accounting transactions
- Achieve increased revenue and faster payment by practically eliminating processing errors
- Minimal human intervention enables reduced labor costs
- Increased throughput and faster document processing, which means you collect money on time, and improve your bottom line



- *eFLOW for Logistics* will enable you to pay your vendors on time, reduce risks of late charges, and improve discount earnings on preferred vendor pricing, all resulting in improved customer service and vendor relationships
- Scalable architecture enables you to easily expand your system as your needs grow

### State-of-the-Art Technology

Using only one platform and one application, TiS' *eFLOW for Logistics* is the only solution capable of capturing, recognizing and integrating information from various sources such as paper, fax, telex, email, internet, or mobile devices, and processing from multiple formats such as structured, semi-structured (invoices, purchase orders, freight bills, etc.) and unstructured. Once you invest in *eFLOW for Logistics*, you can solve any data capture problems within the organization by simply adding incremental modules.

*eFLOW for Logistics*, based on artificial intelligence technology, identifies the document design, captures the relevant data, while avoiding the repetitive form template. This gives the platform a significant advantage in processing semi-structured documents, which always contain repeated information.

*eFLOW for Logistics* automatically identifies these semi-structured documents without the need to predefine the structure of each document and create a template at start-up. This is achieved using a unique learning mechanism, which improves in proportion to the amount of documents the system processes. This results in automatic recognition of new, previously unseen documents by the system, significantly reducing implementation time, and increasing throughput.

*eFLOW for Logistics* efficiently processes documents and attachments, including those with complex tables and line items, in single or multi-page format by learning from past recognition performance.

*eFLOW for Logistics* uses human logic and goes beyond identifying keywords and key

terms. It uses graphical symbols (e.g., lines and boxes specific to field), logical mathematical rules (e.g., Total= Subtotal + Tax), topographical rules (such as proximity to keywords or graphic symbols) and field masks (such as DD/MM/YY) in order to ensure accurate delivery of data to your target back-office systems.

Using a multitude of powerful recognition engines, and applying a sophisticated voting algorithm to the whole document, *eFLOW for Logistics* minimizes errors and produces unparalleled data accuracy.

### Key Features of *eFLOW for Logistics*

- Simple point-and-click tools cut customization efforts by up to 90%
- The innovative, state-of-the-art learning mechanism enables the system to learn from past performance, resulting in automatic recognition of new, previously unseen documents
- Recognizes all logistics-related documents with sharp accuracies in character recognition and error detection
- Recognizes fields anywhere on a page using keywords, rules, and databases
- Unique connecting agents seamlessly deliver accurate data to your SAP, Oracle, Documentum, Filenet, IBM Content Manager and other ERP, CRM, ECM or financial systems
- Reliable, high speed processing of complex documents, including complex tables and line items. *eFLOW for Logistics* processes single or multi-page documents, and has the ability to handle attachments such as cheques, payment slips, receivables and remittance forms
- Considerably reduces the time needed to retrieve supporting documentation
- Reduces network traffic by sending only variable data, not the repetitive form template
- Provides support for distributed environments with remote scanning, processing, and completion requirements

Top Image Systems Ltd. (TiS) is a leading innovator of data capture solutions that improve enterprises' business processes by integrating information of different types and from multiple sources into corporate information systems. Whether originating from mobile, electronic, paper or other sources, TiS solutions deliver the content to applications that drive the organization.

TiS has developed *eFLOW*, the Unified Content Platform. *eFLOW* digitally captures and manages the enterprise's content from source to ERP, CRM, financial or other information systems.

Founded in 1991, TiS is publicly traded on NASDAQ (TISA). TiS markets its products in more than 30 countries through a network of Distributors, System Integrators and Value Added Resellers, as well as Strategic Partners.

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