Intelligent data capture for complex, high-volume invoice processing

Company Overview

Brainware, Inc., is a leading supplier of intelligent data capture and enterprise search solutions to Global 2000 companies and government agencies worldwide. Built from the ground up to process unstructured information, Brainware’s solutions automate document-centric business processes that other solutions simply cannot. Brainware’s Distiller application combines powerful classification, extraction, and search capabilities into a single platform that reads, sorts, extracts, and verifies business information from virtually any document type, with minimal human intervention. The result is that Brainware routinely helps large enterprises reduce their costs of processing documents by 60 to 80 percent or more.

Advantages of the Distiller application include the following:

• 80 to 90 percent of field extractions are routine right from the start.
• Distiller offers unmatched line-item extraction and line-level matching.
• Dashboard and reporting show real-time key performance indicators for each step in the process.
• Distiller is Web-enabled for browser-based document verification and correction.
• Distiller has integrated core Oracle Database support.

Integration Overview

Brainware Distiller uses template-free invoice data extraction without the need for manual review, document presorting, or data entry. The system imports batches of supplier invoices into the Oracle Accounts Payable module by using native integration and batch import processing, checking for and ensuring successful job completion. Exceptions and invoices requiring approvals are routed via workflow to the appropriate personnel.

• Seamless integration with Oracle E-Business Suite
• Batch processing of invoices and related financial documents
• Automated data extraction and verification into Oracle E-Business Suite
Integration Details

Distiller uses advanced learning technology to “read” and “interpret” invoices for sorting, data extraction, and processing. Below is an example of the Distiller Template-Free Data Extraction and Invoice Processing screen.

Figure 1. Distiller Web Verifier

Once the suppliers’ invoices have been processed through Distiller and the appropriate header and line-item detail has been extracted, a native integration between Distiller and Oracle E-Business Suite occurs, allowing for batch processing of invoices to be seamlessly imported into the Oracle Accounts Payable module for final verification and payment.

The diagram below shows that a supplier’s invoice header and line-item information have been successfully imported into the Oracle Accounts Payable module for easy verification and payment processing in the Oracle E-Business Suite application, eliminating a significant amount of manual data entry of the invoice.

Figure 2. Oracle E-Business Suite 12.0 Accounts Payable Invoice Workbench
**Environment**

*Brainware Environment*
- A/P Distiller, 5.0 build 5052
- Oracle Database 10g, Express Edition

*Oracle Environment*
- Oracle E-Business Suite 12.0.4, including Oracle Accounts Payable
- Oracle Database Server 10.2.0.3.0
- Oracle Application Server 10.1.3

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