



Parascript® FormXtra® Capture

FormXtra Capture is an easy to use, standalone solution for document classification, document separation, data extraction and validation. It locates, extracts, and validates any type of information in the document including machine print, table data, images such as logos, signatures and all forms of handwriting. It is an enterprise-grade solution that is scalable to support high-volume, complex processing needs for any size business. FormXtra Capture eliminates the need to invest in multiple products, integrations, complex set up for testing and costly programming.

Turnkey Solution

FormXtra Capture is a document processing application built for businesses that need both flexibility and capability in an easy-to-use and all inclusive software solution. It supports high-volume, complex document processing needs, has built-in check recognition, address recognition and signature verification and delivers flexibility for processing rules and workflows. With a user-friendly interface and built-in testing and tuning, organizations of many sizes can take advantage of sophisticated workflows, performance monitoring and automation, as well as field-level security without the significant investment in additional software. The result is streamlined document processing with increased usability, productivity and accuracy.

Dynamic Document Classification

Expands processing functionality for range of data types. Determine document types using more sophisticated and flexible rules, rather than establishing specific locations or areas of a document to perform classification. Different methods of classification enable highly accurate document matching. Methods include visual, text and rules-based modes, which can be used independently or together.

Any and All Data Types

Locates any information on the page including text, handwriting, logos, table data and signatures or other "script." Also supports standard data such as OMR and 1D/2D barcodes.

Mixed Document Capture

Improves workflow flexibility. Locate fixed or dynamic fields on a page or within a document with the same document class. This improves workflow flexibility and reduces the number of defined and managed batch types.

Expansive Location and Extraction

Locates and processes all types of fields in any location in a document. Process any type of document, including forms, invoices, remittances, mail and document images that do not match a pre-defined template. FormXtra Capture assesses field relationships to aid with the location of data for extraction and locates complex field types to improve the range of data that can be processed.

FormXtra Capture delivers critical information into business processes faster and with greater accuracy for increased productivity and lower costs.

Parascript® FormXtra® Capture Benefits

Advanced Data Validation Workflows

Offers superior security for processing financial, medical and other sensitive data. Create document-centric and field-centric validation workflows, set validation rules ranging from basic single user verification to advanced double blind verifications and even third-party audits post-verification. FormXtra Capture can perform transactional validation to enable a single field, or snippet in question to be sent for verification, ensuring the privacy of sensitive information such as social security numbers.

Dynamic Signature Location, Verification and Matching

Locates and verifies signatures. Locate signatures on documents and classify or verify them against a reference signature database. Extract these signatures for creation of a signature database (e.g., on account applications). Supports legal, mortgage, healthcare, vote by mail and other compliance-based applications, such as Know Your Customer (KYC).

Unstructured Handwriting Extraction

Automatically locates handwritten keywords. Locate handwritten keywords that are not in a structured format (including expressive or transactional phrases such as “change of address”) and comments in margins and notes to help classify documents and extract data, regardless of type.

Integrated Check Recognition

Provides receivables and remittance processing. Process checks within a stream of other documents, supporting applications that include receivables processing and associated remittance processing. The software combines Parascript’s world-class check recognition engines to increase accuracy in batch and ad-hoc capture.

Integrated Address Location and Recognition

Inbound mail and document processing. Automatically locate the addresses on the envelope and anywhere within the documents for routing. Address data can be validated against other documents such as purchase orders, invoices or remittances. Parascript’s high accuracy address recognition engine increases accuracy in batch and ad-hoc capture.

Streamlined Functionality

- **Delivers graphical user interface for real-time testing and results.** Benefit from using the streamlined user-friendly interface and built-in testing to manage complex workflows, performance monitoring and automation, eliminating investment in multiple capture products.
- **Simplified analysis.** View real-time statistics on batch processing flow from capture to recognition and validation in the image console.
- **Fine-tune data.** View results of classification and recognition, set confidence thresholds, compare against truth data and see immediate results.
- **Form definition business rules with API access.** Create applications and enable flexible, portable business workflows within FormXtra Capture without relying on external applications by accessing the FormXtra API from within the form definition itself.

Thin Clients for Administration and Data Verification

Thin Client UIs for administering the solution and data verification workflows. FormXtra Capture administration and support of data verification workflows, similar to SaaS applications. Users log-in to a single URL and have access to capabilities depending upon their roles. Administration duties can be shared with verification capabilities to simplify cloud-based deployments.

Input and Output Versatility

Provides REST-based APIs for importing, workflows and exporting documents and data. Expanded API capabilities add new functionality and enable integration with other systems in a “loosely coupled” manner. Output data to SharePoint and to databases through common file formats.

Scalability

Scales to support small to large installations. Support full range from small “NO SQL” to large, multiple SQL Server database implementations.

Technical Product Specifications

Included Software Components

- Form Definition Studio
- Scanner Interface Application
- Vocabularies and Postal Database

Requirements

- FormXtra Server: Dual-core 3GHZ or higher, 4GB RAM (8GB recommended), Windows Server 2012 or 2014 Internet Information Services.

- Use 64-bit OSs for high performance systems. 1GB disk space for application.
- Form Definition Studio: Windows 7 or 8
- Scanner Capture: Windows 7 or 8
- Administration and Validation Clients: Windows 7 or 8, IE11, Chrome 35 & up

APIs

- C++, .NET

Input

- Image Format: Black-and-white or grayscale TIFF, JPEG, PNG, and PDF
- Image Resolution: 200-300 DPI

Output

- ASCII text file (raw or formatted), PDF, XML (raw), SharePoint 2010 Standard or Enterprise, RDBMS via ODBC