



Process

Productivity

AUTOMATION

FormXtra.AI Capture processes high volumes of documents faster, using fewer people with less errors.

Parascript® FormXtra.AI® Capture

FormXtra.AI Capture is an easy-to-use document classification, data location, extraction and validation solution. This high performance capture system significantly reduces the complexity and costs associated with document classification and data extraction through a self-learning system that automatically configures rules and learns by itself in order to improve performance. Maintaining ongoing system performance in dynamic production environments becomes effortless because FormXtra.AI Capture adapts to new changing streams of documents in the background while documents are processed.

FormXtra.AI Capture



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



FormXtra.AI Capture is a document processing application built for enterprises that need both flexibility and capability in one easy-to-use solution with a user-friendly interface. 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. FormXtra.AI automatically configures itself and adapts to the most dynamic document streams while it simultaneously measures and improves performance in the background. It learns what data is able to run straight-through with no user intervention and maintains better than human-level precision. It monitors and collects background data from operations to measure and improve performance with no change to existing workflows.

FormXtra.AI eliminates the necessity of manual efforts to configure and optimize the system.



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 & All Data Types

FormXtra.AI is able to locate any information on the page. This includes 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 & 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.AI 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.

Parascript® FormXtra® Capture Benefits



Advanced Data Validation Workflows



Offers Superior Security for Processing 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.AI 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 Verification



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.

Thin Client for Administration and Data Verification

Thin Client UIs for administering the solution and data verification workflows. FormXtra.AI 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.

Simplified analysis. View real-time statistics on batch processing flow from capture to recognition and validation in the image console.

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.

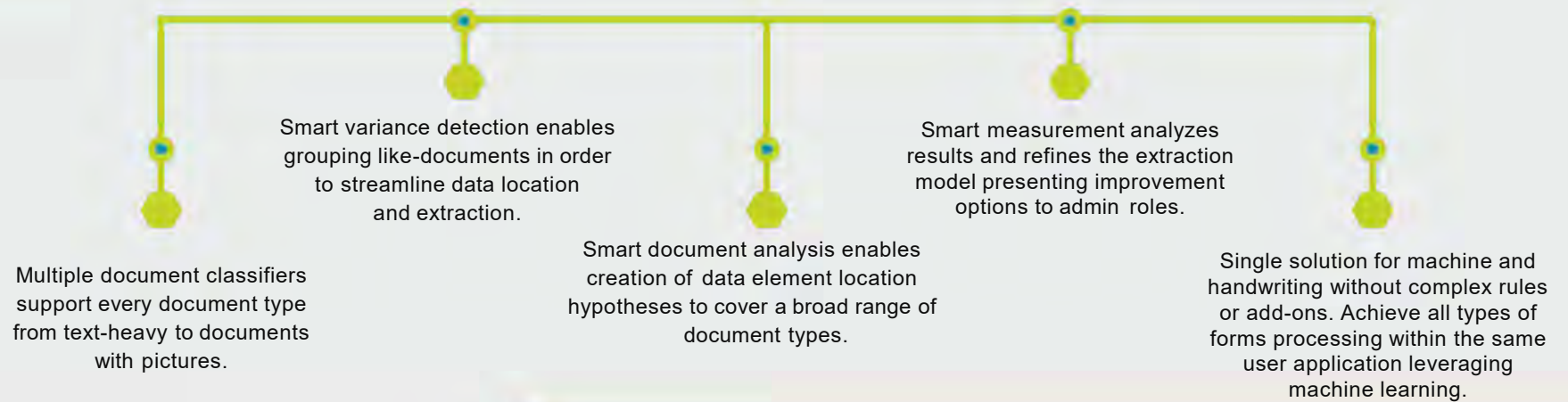
Fine-tune data. View results of classification and recognition, set confidence thresholds, compare against truth data and see immediate results.

Scalability

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

Form definition business rules with API access. Create applications and enable flexible, portable business workflows within FormXtra.AI Capture without relying on external applications by accessing the FormXtra.AI API from within the form definition itself.

FormXtra.AI Capture Machine Learning



Technical Product Specifications

Included Software Components

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

Requirements

- FormXtra.AI 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

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