



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 advanced capture system significantly reduces the complexity and costs associated with document classification and data extraction through Smart Learning, a 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 dynamic 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 document automation software built for enterprises that need both flexibility and capability in one easy-to-use solution with a user-friendly interface. FormXtra.AI Capture supports high-volume, complex document processing needs and delivers flexibility for processing rules and workflows. FormXtra.AI Capture automatically configures itself and adapts to the most dynamic document streams. In addition, 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 Capture eliminates the necessity of manual efforts to configure and optimize the system.



## Dynamic Document Classification

FormXtra.AI Capture determines document types dynamically without the need for rules, barcodes or separator pages. Automated classification includes multiple classifiers that work independently on text and visual elements to provide the highest level of accuracy. Document classification also includes an automated document separator that intelligently identifies document boundaries.



## Any & All Data Types

FormXtra.AI Capture locates any information on the page. This includes text, all types of handwriting including paragraphs, logos, table data and signatures or other "script." Also, it supports standard data such as OMR and 1D/2D barcodes.



## Mixed Document Capture

FormXtra.AI Capture improves workflow flexibility. It locates 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

FormXtra.AI Capture 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 locate data for extraction and finds complex field types to improve the range of data to 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, e.g., Know Your Customer (KYC).

## Unstructured Handwriting Extraction



### Locates Handwritten Keywords

Locate handwritten keywords that are not in a structured format (This includes expressive or transactional phrases such as “change of address.”)

Also locate comments in margins and notes to help classify documents and extract data, regardless of type.

Transcribe blocks of handwriting such as comments fields.

## 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

### On-premise or Cloud

True N-Tier Web-based advanced capture application supports both on premise and cloud implementations.

### Web Reporting

View real-time statistics on batch processing flow and operator tasks from capture to recognition and validation in the Web 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 without relying on external applications by accessing the FormXtra.AI API from within the form definition itself.

### 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.

### Input and Output Versatility

Provides REST-based APIs for importing, managing workflows, data validation, exporting documents and exporting data.

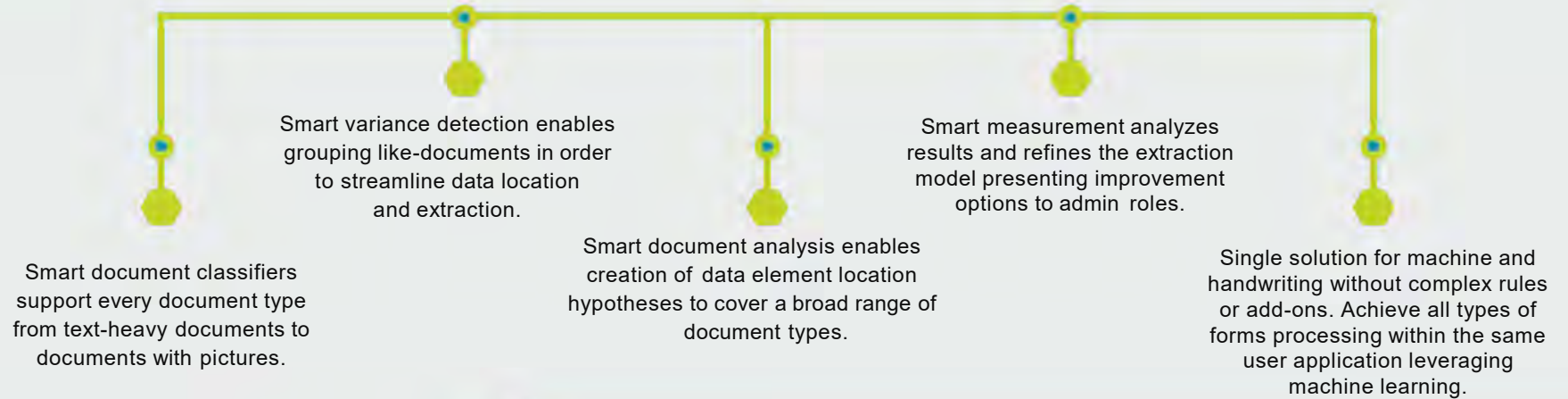
API enables integration with other systems in a “loosely coupled” manner. Output data to SharePoint and to databases through common file formats.

### Scalability

Supports full high availability through both horizontal and vertical scaling using both active or passive clusters.

Easily supports small and enterprise needs including “NO SQL” to large, multiple SQL Server database implementations.

# FormXtra.AI Capture Machine Learning



## Technical Product Specifications

### Included Software Components

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

### Requirements

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

- 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

- .NET and REST Services

### 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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