

Parascript SignatureXpert

Multinational Bank Reduces Manual Processing Costs by 60 Percent



PARASCRIPT SIGNATUREXPERT SDK

Parascript SignatureXpert enables automated signature verification captured from any type of document, minimizing the need for visual verification and providing a high degree of accuracy. SignatureXpert enables signatures to be verified by comparing them against reference signatures gathered during account set-up, voter registration, or any other event that allows collection of validated signatures. Parascript provides the highest level of accuracy for any application that needs to authenticate signatures.

Businesses—which rely on signature authentication for check processing, loan origination, vote-by-mail and/or other applications requiring signatures—understand the importance of accuracy when it comes to detecting signature fraud. Parascript SignatureXpert provides the highest degree of accuracy for applications to verify signatures with features that include:

- **Multiple Verification Engines.** SignatureXpert combines seven verifiers with distinct capabilities to analyze dozens of signature features. This delivers unprecedented verification accuracy by considering all informative data extracted from a signature image, including biometric characteristics restored from still images.
- **Multiple Reference Images.** SignatureXpert may use multiple references to differentiate between natural deviations typical of a genuine signature and deformation digressions that indicate fraud. The software detects stable distinctive characteristics during the verification process, and ignores random variations inherent in genuine signatures.
- **Universal Locator for Use Worldwide.** SignatureXpert enables locating one or more signatures and reliably extracting these in situations where the signature location changes based upon the check format.

SignatureXpert supports the back office signature verification process needs of banks, financial institutions and corporations worldwide.

- **Pre-tuned Parameters (out-of-the-box).** SignatureXpert provides the ability to accurately locate and verify signatures on checks from fourteen countries: Argentina, Australia, Brazil, Canada, the Dominican Republic, France, Ghana, India, Kenya, Malaysia, Mexico, Thailand, the United Arab Emirates, and the United States. The software requires no tuning or parameters set by the user on the unique check formats for these countries.
- **European Signatures.** Support for complex European-style signatures, enabling one software package to deliver universal authentication on most signature types, including European-style signatures, in a single stream.

MULTINATIONAL FINANCIAL INSTITUTION REDUCES MANUAL PROCESSING BY 60%

In 2012, the multinational financial institution deployed SignatureXpert as part of their fraud prevention initiative. By 2014, SignatureXpert went into full production with an annual volume of over 90 million documents per year.

Today, the institution is processing over 110,000 documents a day using SignatureXpert. As a result of SignatureXpert automating signature verification and fraud prevention processes across the entire organization, manual data processing has been reduced by 60 percent.

About Parascript, LLC

Parascript automates the extraction of meaningful, contextual data from image and document-based information to support transactions, information governance, fraud prevention, and business processes. More than 100 billion documents for financial services, government organizations, and the healthcare industry are analyzed annually.



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