



X9 QUALIFIER®

A Windows .NET-based application which tests, reports and corrects check image and MICR issues in Image Cash Letter, X9.37, UCD (ICL) files

Financial institutions are ramping up production volume of Image Cash Letters (ICL) files. As ICL file volume goes up, issues with check images scanned and captured with a variety of capture devices and software are causing interoperability and data integrity issues.

A production ICL file can routinely contain over 30,000 check images and can be over a gigabyte in file size. One "bad" check image can crash a system. Receiving and sending financial institutions need to ensure that the check images in the ICL files will comply with conformance standards and guidelines with regard to TIFF, Image and MICR quality assurance.

BENEFITS

- Test and correct TIFF tags for X9.100-181 conformance
- Test and correct MICR line mismatches
- Make certain that X9.100.187 and Universal Companion Document conformance minimum Image quality levels are met
- Validate that the ICL file internally balances with regard to item quantity and dollar totals

X9 QUALIFIER can ensure error-free interoperability with your exchange partners.

X9 QUALIFIER FUNCTIONS:

- TIFF Quality Assurance
- Image Quality Assurance
- MICR Quality Assurance and Correction
- File Quality Assurance
- Test, Report and Correct check images in ICL Files

THE X9 QUALIFIER FAMILY PROVIDES

RECEIVING INSTITUTION

- Test and provide detail reports of TIFF tag conformance
- Test and report essential image quality assurance metrics
- Compare and correct MICR data to check image mismatches

SENDING INSTITUTION

- Perform QA on outgoing ICL files
- Correct files so that exchange can occur
- Auto correct non-compliant files prior to exchange

SOFTWARE DEVELOPERS

- Test, report and correct check image files prior to creating ICL files
- Test for conformance to exchange guidelines for ICLs and printing IRDs
- Perform quality assurance testing

X9 QUALIFIER FUNCTIONS

X9 QUALIFIER provides a comprehensive set of tests and reports on the image component of ICL/X9.37 files to ensure data integrity and interoperability of Image Cash Letters.

FEATURE	Standard
X9.100-181 14 Required Tags	✓
X9.100-181 4 Variation Tags	✓
Compression Size	✓
Image Dimensions	✓
Decompression	✓
Darkness	✓
Spot Noise	✓
Skew	✓
Turned Corners	✓
MICR Mismatch Detect/Correct	✓
X9.37 Balance	✓
X9.37 Type ASCII/EBCDIC	✓
X9.37 Byte Order Intel/Motorola	✓
Integration with AMP X9 VIEWER	✓
XML, Summary, Pick List, Non-conforming Items Reports	✓
Log	✓
Presets: FRB, ECCHO, IRD Print	✓
TIFF, Image QA Error Detect/Correct	✓

RECOMMENDED SYSTEM REQUIREMENTS

Operating System: Windows 10, Server 2008 or later .NET 4.6, Pentium 4 or newer RAM per OS Requirements

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