X9Vision: Your x9.37 support tool

X9 Viewer
- x9.parser
- Field viewer
- Record viewer
- Item Viewer
- Find/Filter

X9 Specifications
- x9.37
- x9.100-187
- x9.100-187+UCD
- x9.100-180
- CPA-015

Images
- Front/Back images

Tools
- RT Check Digit Calculator

Restrictions
- All x9 record types are supported
- No file size restrictions
- No item limits

Licensing
- $100 per company per year (unlimited seat license); multi-year licenses are available at request

Please consider an upgrade to X9Validator or X9Assist to gain many additional functions:
- x9 validation
- Image validation
- Import/Export
- Make/Generate
- Scrub
- Merge/Clone
- Print

X9Vision is our x9 viewer which expands on X9Lite by removing several restrictions and then also by adding some usability features including the Item Viewer which shows front and back side images on a split or full screen basis, and the open recently opened files and folders. Licensing is by company with the option for an unlimited number of seats, allowing you to take maximum advantage of these tools within your organization.

X9Vision will open x9 files of any size and supports both ICL and ICLR files.

X9Vision includes our Item Viewer which allows you to see both the front and back check images on a full scale basis for each item.

X9Vision is applicable to users of all x9 file formats. This includes financial institutions, corporate users, and third party processors.

X9Vision provides extensive capabilities to open, parse, and view your x9 image exchange files. This viewer includes the base tools that you need to access, research, and support the x9 files within your environment. X9Vision provides visibility into the structure of your x9 files based on their logical components (cash letters, bundles, and items). You can view x9 data at both the logical record and field levels. You can see the front and back images for every x9 item. X9Vision allow you to further your understanding of the x9 file structures using the large amount of field and record information that is provided.
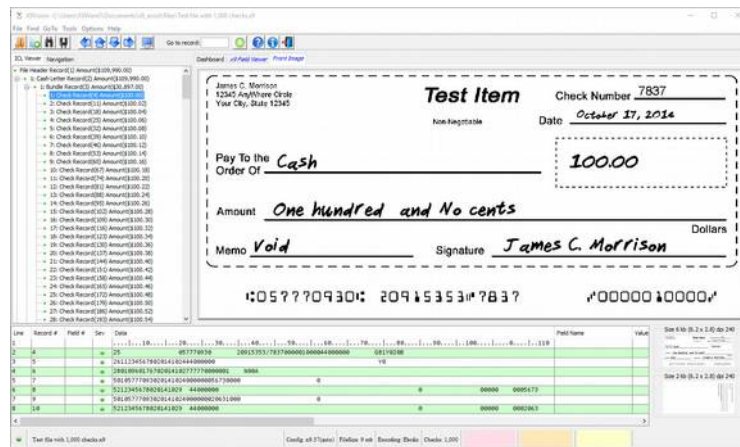
Do you use x9 files on a regular basis? You should evaluate our **X9Validator** and **X9Assist** products and experience our more extensive products which are available at very competitive pricing.

The **Field Viewer** allows you to view x9 records on a record by record and field by field basis, based on the definition of each x9 record type. Each logical field is displayed using the x9 field name per the x9 technical specifications. The Field Viewer includes additional information such as position, length, presence (mandatory or optional), and the validations that are required for this particular field. The viewer also provides insight into how data is aligned within the allocated space (left or right).

The **Record Viewer** displays x9 records based on their actual data content, after the x9 file has been parsed. Most x9 records consist of 80 characters of actual data. The Record Viewer shows each record in a structured format that allows you to compare the content directly to the appropriate x9 standards. This insight can be very helpful when you are researching issues regarding specific record types and fields. Of course, this manual research is not needed when you utilize our more extensive tools that will perform these validations on an automated basis.

Find/Filter allows you to search for specific items, using criteria that includes amount, routing, account, serial, and sequence number. Results can be used to create a filter that can further examine these specific records. Ths is a very powerful tool to find items for a certain dollar amount or that are associated with a specific routing or account number.

Flawed x9 File Support allows you to open files that are structurally flawed. This capability comes from the power of our underlying X9Ware SDK, which is the basis for all of our tools. When a file is structurally flawed, X9Vision will inform you where the x9 parse breaks down, by telling you the last good record and the percent of the file processed. You can use the x9 viewer to see the records up to the point in the file where the parse failed.

The **Routing Check Digit Calculator** will calculate and display the MOD10 check digit for any eight (8) digit US routing number. This is a convenient tool when you need to calculate these check digits.

There are No Restrictions. You can open x9 files of any size with no restrictions. This product is designed to increase your productivity while highlighting the capabilities of our X9Ware tools.

X9Vision runs from a common code base that also supports our more extensive X9Validator and X9Assist products. Because of this, you can easily upgrade to an X9Assist evaluation license from the "Options" function on the X9Vision tool bar, You can flip between our products to see the power of our various tools without having to download and install separate products on your desktop.

Do you like what you see and are you ready to do more? Please consider an upgrade to either X9Validator or X9Assist to increase your productivity and unleash your potential. X9Validator will add x9 and image validation, cash letter bundle, and item lists, and our full scale image Check Viewer.

You have the software and will only need a license key to unlock these additional capabilities from X9Ware LLC.

Please visit our website at x9ware.com, or send inquiries to sales@x9ware.com. We have the x9 and ach experience to meet your specific business needs.