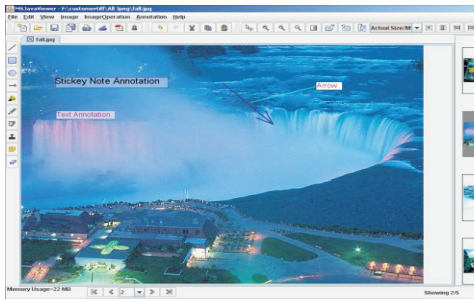


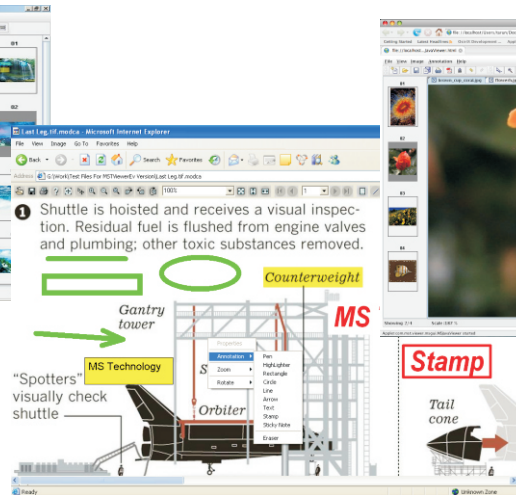


# MST Viewer™ Family

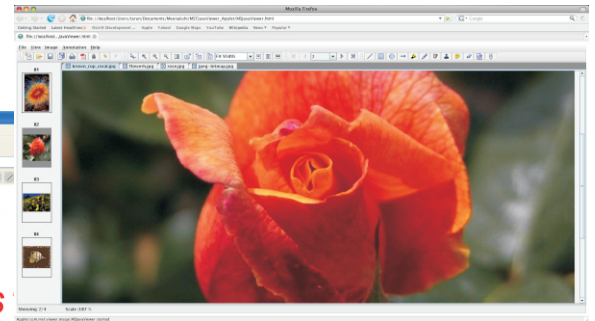
## Data Sheet



MST Viewer for Java



MST Viewer for .NET



MST Applet Viewer

**MST Viewer™ delivers powerful, market-leading document and image rendering from the repository to the desktop using MS Technology's proprietary EnvisionIT technology. MST Viewer supports a number of common raster image formats including JPEG, GIF, TIFF, Multi-Page TIFF, BMP, PNG, TXT, and many more. MST Viewer also has the broadest coverage of MO:DCA and AFP support of formats and MS Word, Excel and Outlook (EML and MSG) Support.**

**MST Viewer empowers users to variety of functions and features to enhance their use of documents and images. Users have an array of annotations, filters, and manipulations to enhance documents and images. MST Viewer is available in .NET and Java versions as a standalone or a client-server solution. MST Viewer has been ranked “Best in Class” by IBM for 7 years in a row.**

## Key Benefits:

Delivers market-leading document and image applications to more than **One Million Customers Globally.**

- **Enhance Functionalities and Upgrade Flawlessly:** Upgrade your current content management system with more functions and features efficiently and economically.
- **Reduce Overhead and Increase Productivity:** Allows companies to reduce a number of applications to one efficient universal document and image viewer.
- **Unmatched First Page View:** Display the first page of documents in less than a second.
- **File Formats:** Supports over 50 common and proprietary file formats.
- **Email and Fax:** Email and/or Fax documents and images directly from the MST Viewer application.
- **Archived Emails:** Display archived Email files of MS Outlook (MSG) and Outlook Express (EML).
- **Annotations:** Access to a number of different annotations including but not limited to Redaction, Line, Arrow, Rectangle, Circle, Text, Note, Highlighter, Pen, Stamp, Watermark, and Eraser.
- **Internal Development:** All file formats and functions are developed by in-house MST developers and do not use any third-party APIs. This gives you the ability to have customization, prompt resolutions to issues, and release control.
- **Individual Release Control:** Reduces deployment and upgrade costs. Every customer has their own release version of the product.

## Unmatched File Format Support:

### Supported File Formats Include:

ASCII	PDF
BMP_Companded	PDF/A
BMP_Uncompressed	PCX
DCX	TIFF_G3-2D
DXF	PBM
GIF	PNG
GIF_Interlaced	RTF
IMG (IOCA)	TIFF_G3_Fax
JPEG	TIFF_G4_Fax
PPM	TIFF_HUFFMAN
PGM	TIFF_JPEG
WBMP	TIFF_LZW
Microsoft Office (DOC, XLS)	TIFF_Packbit
MO:DCA_G3	TIFF_Uncompressed
MO:DCA_G4	Sun_Raster_Formats
MO:DCA_JPEG	EML
MO:DCA_MMR	(and attachments)
IOCA (MO:DCA)	MSG
PTOCA (MO:DCA)	(and attachments)

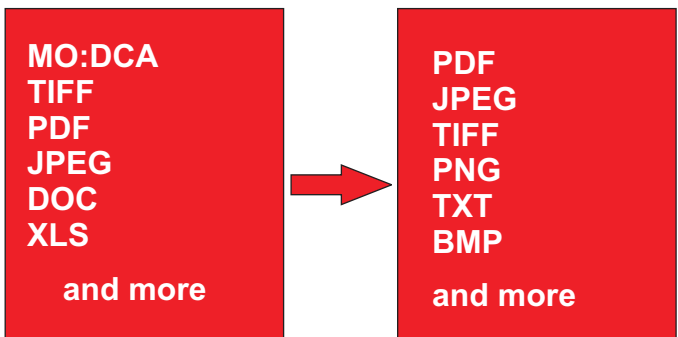
And More....

### File Compression Support:

The MST Viewer supports a number of file compressions. These compressions include but not limited to: JPEG, JPEG 2000, BMP RLE, LZW, ABIC, IBM\_MMR, G3-2D, CCITT G3, CCITT G4, Huffman, Packed Bits, JBIG-2, and more.

### File Conversion for Greater Mobility:

Users can easily and quickly convert files directly from the viewer.



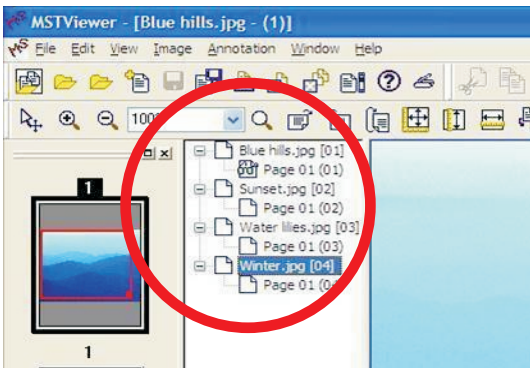
## Multi-Threaded Computing:

Our applications are built with multi-threading support to maximize the full potential of your workstations and servers. Using multi-threading will allow users to load, render, and manipulate documents faster and increases productivity.

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## Working Sets:

Enables users to quickly add, delete, and rearrange pages from existing documents and images files, and merge existing documents together to form a new document. Even allows user to merge documents of different formats to create a mixed format document.



## Scalable:

The MST Viewer is a highly scalable application to adapt to your organization's needs. The modular design of the MST Viewer makes it easy to scale with various plugins, add new features and functions, and customize the solution for your exact needs. Also the MST Viewer is available as a standalone viewer or in a client-server architecture environment to easily adapt to your organization's changing needs.

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## Mixed-Mode Document Support:

The MST Viewer is the only viewer that supports mixed-mode documents. Open documents that are composed of TIFF, JPEG, and PDF pages, or any other combination of supported formats. Users are also able to create new mixed-mode documents comprised of various formats in one document.

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## Enhanced PDF Support:

### ● PDF Text Search:

- Search Text within PDF Documents
- Copy Text to Clipboard

### ● PDF Forms Support:

- Create, Edit, Save, Publish, Submit, and Print PDF Forms
- 

## Multi-part Document Support:

View documents that are broken into multiple files as one file.

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## Insert Page Breaks:

Insert page breaks to split pages vertically and horizontally into new pages or new documents.

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## Annotations:

The MST Viewer supports several annotations including Lines, Pen, Various Shapes, Redaction, Highlighter, Stamp, Watermark, and Eraser. The viewer supports XML and t\_l annotations made by other applications. The MST Viewer is the only viewer that supports embedded MO:DCA and TIFF annotations. Annotations can also be "burned" or "merged" permanently to the document.

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## Customized Memory Management:

IT managers can control the amount of temporary memory used by users to store open documents.

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## Branding:

Customize the MST Viewer with your corporate branding. Embed your corporate name, logo, and other information into the MST Viewer.

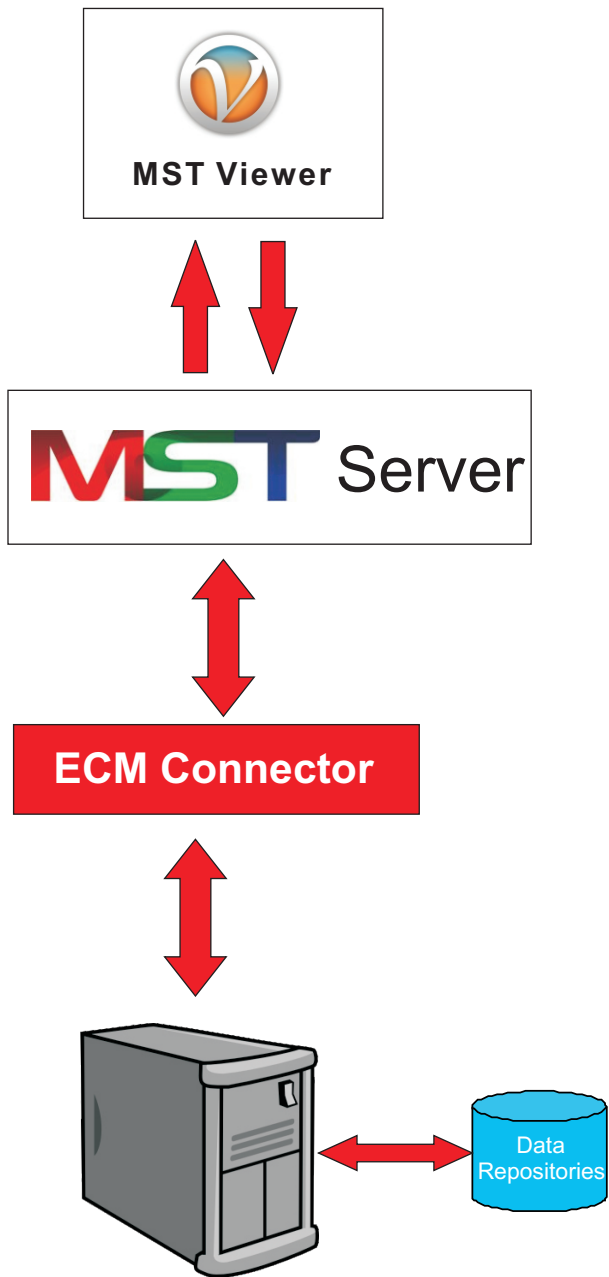
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## Available Solutions:

- MST Viewer for .NET
  - MST Viewer for Java
  - MST Applet Viewer
-

## Connectors for ECMs:

The MST Viewer is able to connect to a variety of content management repositories. We have connectors for Microsoft SharePoint, EMC Documentum Webtop, IBM's Content Manager, IBM's FileNet P8, and others. MS Technology can also assist you in developing connectors to fit your organization's needs.



## New Product Highlights:

- Now Easier to Integrate with .NET Forms & J2EE Applications
- Enhanced Redaction Support
- Add Watermarks to documents for Viewing and Printing.
- Add & Save Bookmark on Documents.
- Enhanced Printing Functions.
- Enhanced Scanning Functions and Support.
- Horizontal and Vertical Ruler.
- Enhanced Thumbnail Support.
- New Image Rotation Support with Custom Degree Rotation.
- Enhanced OCR Support.

## Support Services:

No matter the size of your company, a service interruption can mean significant loss to your business. MS Technology has support services that are scaled to your businesses needs.

Support Options Include:

- Normal Upgrade, Updates, Bug Fixes, and Email and Fax Support Coverage. Add high priority support by purchasing incidents for greater coverage.
- Preferred Support for 12x5 Support.
- Premium Support for 24x7 Support.

## System Requirements:

### Workstation Requirements:

#### Operating System:

Windows 2000 Server  
Windows XP (32 & 64 Bit Versions)  
Windows Vista (32 & 64 Bit Versions)  
Windows Server 2003 (32 & 64 Bit Versions)

(Java Only)  
Mac OS X 10.4 and higher  
LINUX  
Unix  
Solaris

#### Pre-installed Components Needed:

TWAIN Toolkit  
MSXML Parser 6.0 (.NET only)  
JDK/JRE 1.5 and higher (Java only)

Web-based viewer:  
Microsoft IE 6 and higher  
Mozilla Firefox 3 and higher (Java only)  
Opera 7 and higher (Java only)  
Apple Safari 3 and higher (Java only)

Super VGA (800 x 600) or higher

#### Minimum System Requirements:

Processor: Intel Pentium III 1.0 GHz or higher,  
AMD Athlon 1.0 GHz or higher

RAM: 512 MB

25 MB of available hard-disk space for  
installation for .NET  
100 MB of available hard-disk space for  
installation for Java

500 MB of additional hard-disk space for cache

### Recommended System Requirements:

Processor: Intel Pentium III 2.0 GHz or higher,  
AMD Athlon 2.0 GHz or higher

RAM: 2 GB

50 MB of available hard-disk space for  
installation

1 GB of additional hard-disk space for cache

### Server Requirements:

#### Operating System:

Windows 2000 Server  
Windows XP (32 & 64 Bit Versions)  
Windows Vista (32 & 64 Bit Versions)  
Windows Server 2003 (32 & 64 Bit Versions)

(Java Only)  
Mac OS X 10.4 and higher  
LINUX  
Unix  
Solaris

#### Application Server:

Apache Tomcat 5.5.9 or higher  
JBoss 4.0 or higher  
IBM WebSphere 6.1 or higher  
Oracle WebLogic 9.0 or higher

TWAIN Toolkit  
MSXML Parser 6.0 (.NET only)  
JDK 1.5 and higher (Java only)

Processor:  
Intel Pentium III 2.0 GHz or higher,  
AMD Athlon 2.0 GHz or higher

RAM: 2 GB

100 MB of available hard-disk space for  
installation

3 GB of additional hard-disk space for cache

## More Information:

### Visit Our Web Site:

<http://www.ms-technology.com>

### About MS Technology:

MS Technology, Inc is a privately held company founded in 1991 and headquartered in Charlotte, North Carolina. We have established relationships with many Fortune 500 companies including IBM, Microsoft, HP, Siemens, Motorola, NCR, and Liberty Mutual, developing software for Document Management Solutions. We have become the global leader in digital imaging and document management solutions. MS Technology is the developer and publisher of MST Viewer, the award winning document and digital image viewer.

MS Technology is a member of many different organizations around the world, including Open XML Community, AIIM, RSNA, and North Carolina Technology Association. These memberships enable MS Technology to be on the cutting edge of new technologies and development trends, keeping our company and yours ahead of the rest.

**MS Technology is an ISO 9000 certified company.**

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