



# System Requirements

Product: TAB FusionRMS, All Editions

Release Date: February 01, 2022

Release Version 10.2.2460

## Version History

10.2.2460 Service Pack 5 February 01, 2022

10.2.2457 Service Pack 4 October 06, 2021

10.2.2439 Service Pack 3 March 12, 2021

10.2.2404 Service Pack 2 August 7, 2020

10.2.2397 Service Pack 1 May 8, 2020

10.2.2375 October 18, 2019

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# 1. Version History

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Version control is maintained to provide a history of the changes to this document. The version numbering matches the corresponding software release version. The most current release is listed first with earlier releases following in descending order.

Releases of TAB FusionRMS software use the following software versioning convention:

[Version # = Major #. Minor #. Build #]. For example, 10.2.1820.

This document applies to all editions of TAB FusionRMS product.

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## 2. Prerequisites

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Installation of TAB FusionRMS and some of its capabilities require prerequisite product support.

### Frameworks

Microsoft .NET Framework® 4.6.1 is required on IIS web servers hosting the Web Access client application. Depending on the operating system, it might need to be installed separately.

Microsoft .NET Framework® 4.6.1 must be installed on the desktop computers running TAB FusionRMS Desktop or TAB FusionRMS Web Access attachment viewer. Depending on the operating system, it might need to be installed separately.

### Databases

A supported version and edition of Microsoft SQL Server® should be installed, configured, and available for use before installing TAB FusionRMS. Microsoft SQL Server® software and licensing is **NOT INCLUDED** and must be purchased separately.

The FusionRMS Full Text search feature requires the Advanced Edition of SQL Express with the fulltext catalog capabilities of Microsoft® SQL Server®.

The Microsoft® SQL Server® database used by FusionRMS must be set to collation SQL\_LATIN1\_GENRAL\_CP1\_CI\_AS

### Black and White label printing

Win2PDF printer software and licensing is **NOT INCLUDED** and must be purchased separately.

### Microsoft Internet Information Services® (IIS)

Microsoft IIS should be configured and running before TAB FusionRMS Web Access is installed. The following features will need to be turned on under IIS. Any feature not listed can be turned on or off

#### Web Management Tools

- IIS Management Console
- IIS Management Scripts and Tools
- IIS Management Services

#### World Wide Web Services

- Application Development Features
  - .NET Extensibility
  - ASP.Net
- Common HTTP Features
  - Default Document
  - Static Content

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- HTTP Errors
- Security
  - Basic Authentication
  - Windows Authentication

## Devices

The Windows Mobile Device Center must be installed and enabled in order to use the Datalogic Memor X3 or Datalogic Elf mobile bar code collection devices with TAB FusionRMS.

## SMTP server

In order to use the email notification feature, there must be an SMTP (Simple Mail Transport Protocol) server available to handle the actual mail requests for the organization. For example, Microsoft Exchange Server provides SMTP facilities for sending email messages, as do Sendmail, Postfix, QMail and other products. The SMTP server may be located inside an organization's network or outside the network, but each computer running TAB FusionRMS must be able to make a TCP/IP connection to the SMTP server in order to send an email message.

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## 3. Operating Systems

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TAB FusionRMS is available in both Desktop and Web Access client applications. They are supported by Windows® client and server operating systems.

TAB FusionRMS Desktop is a 32-bit application that will run on 64-bit Windows using WOW64 technology. WOW64 (Windows 32-bit on Windows 64-bit), is an emulation layer that enables 32-bit Windows based applications to run seamlessly on 64-bit Windows.

TAB FusionRMS Web Access is a browser-based application that is installed on an IIS web server. Users access the system with their web browser.

TAB FusionRMS can operate in standalone, network, or virtual environments. Virtualization is supported when applicable system requirements are met for the guest operating system.

### TAB FusionRMS Desktop Operating System

Operating System	Architecture	.Net
<b>Windows 10 or Windows 7</b>	x86-32 x86-64 (WoW)	.NET Framework 4.6.1 or higher

**Note** TAB recommends that the latest Windows Service Packs and critical updates be installed to ensure best compatibility and security.

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## TAB FusionRMS Operating System

Operating System	Architecture	.Net
Windows Server 2019	x86-64 (WoW64)	.NET Framework 4.6.1 or higher
Windows Server 2016	x86-64 (WoW64)	.NET Framework 4.6.1 or higher
Windows Server 2012 and 2012 R2	x86-64 (WoW64)	.NET Framework 4.6.1 or higher

**Note** TAB recommends that the latest Windows Service Packs and critical updates be installed to ensure best compatibility and security.

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## 4. Database Servers

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TAB FusionRMS uses Microsoft SQL Server® as its relational database management system; check the listed versions, editions, prerequisites, and product minimums listed in this section to ensure compatibility.

**Note** The Express editions of SQL Server require the installation of Advanced Services to support full-text search capability.

Supported Software	Edition
Microsoft SQL Server 2019	All Editions
Microsoft SQL Server 2017	All Editions
Microsoft SQL Server 2016	All Editions
Microsoft SQL Server 2014	All Editions

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## 5. Microsoft Software

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TAB FusionRMS integrates with specific software applications to provide some of its capabilities.

Supported Software	Version
Microsoft Office (Excel, Word, and Outlook.)	2016, 2013 (32 Bit only)
Microsoft SharePoint	2013, 2016, Office 365

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## 6. Web Browsers

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TAB FusionRMS Web Access client application is installed on a web server; users will access the system using their web browser.

Browser	Version	OS
Microsoft Internet Explorer® (IE)	11 or greater	Windows 10, 7
Google Chrome®	70 and greater	Windows 10, 7
Microsoft Edge®	40 and greater	Windows 10, 7
Apple Safari®	10 and greater	macOS Sierra 10.12 and greater

**Note** The full featured ActiveX technology attachment viewer is only supported in Internet Explorer .

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## 7. Other

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TAB FusionRMS support for TLS

Supported Software	Version
TLS	1.0 or 1.1 or 1.2

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## 8. Windows Hardware

TAB FusionRMS requires that certain hardware specifications be met; check the listed hardware types, deployment units, and requirements in this section to ensure compatibility.

**Note** These recommended requirements do not include any additional requirements for other software running on your system.

Hardware	Deployment Unit	Requirement
<b>Hard disk space</b>	Server	<p>Application installation:</p> <ul style="list-style-type: none"> <li>1 GB minimum free hard disk space.</li> </ul> <p>Attachment storage:</p> <ul style="list-style-type: none"> <li>100 GB or greater recommended.</li> </ul> <p>Server storage for document imaging. Server storage space can become an issue when implementing document imaging; planning requires consideration of the following factors:</p> <ul style="list-style-type: none"> <li>The average image size is approximately 30KB - 45KB per 8.5" x 11" document at 200 DPI.</li> <li>The number of documents to be scanned as a part of a back file conversion.</li> <li>The number of new documents scanned per work day.</li> <li>The length of time images remain in the imaging system.</li> </ul>
	Desktop	<p>Application installation:</p> <ul style="list-style-type: none"> <li>1 GB minimum free hard disk space.</li> </ul>
<b>Memory</b>	Server	<p>System memory:</p> <ul style="list-style-type: none"> <li>8 GB or greater recommended.</li> </ul>
	Desktop	<p>System memory</p> <ul style="list-style-type: none"> <li>4 GB or greater recommended.</li> </ul> <p>Graphics memory</p> <ul style="list-style-type: none"> <li>128 MB minimum</li> </ul>
<b>Processor</b>	Server	<p>Speed:</p> <ul style="list-style-type: none"> <li>3 GHz or faster recommended</li> </ul>
	Desktop	<p>Speed:</p> <ul style="list-style-type: none"> <li>2 GHz or faster recommended</li> </ul>

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Hardware	Deployment Unit	Requirement
<b>Storage device</b>	Mass storage	Storage of mass scanned images: <ul style="list-style-type: none"><li data-bbox="797 317 1377 436">• Network Attached Storage devices, such as a SAN (Storage Area Network), should be considered to meet scanned image storage needs in excess of 1000 GB.</li></ul>

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## 9. Device Hardware

TAB FusionRMS supports the use of certain types of peripheral devices for bar-code scanning, data collection, printing, and document scanning; check the devices, specifications, and product minimums in this section to ensure compatibility.

Device	Description	Specifications
<b>Black and white thermal label printers</b>	Small workstation printer used to print black and white bar-code labels.	<p>Required:</p> <ul style="list-style-type: none"> <li>Microsoft Windows supported postscript driver that is rated for label media and printing volume required</li> <li>USB port</li> </ul>
<b>Color inkjet printers</b>	Primarily used to print color-coded file folder labels, which can also include bar-codes.	<p>Required:</p> <ul style="list-style-type: none"> <li>Microsoft Windows supported postscript driver that is rated for label media and printing volume required</li> <li>USB port</li> </ul> <p>Recommended:</p> <ul style="list-style-type: none"> <li>Separate ink cartridges (black, cyan, magenta, and yellow)</li> <li>Provides custom or user definable sheet size</li> </ul>
<b>Color laser printers</b>	Primarily used to print color-coded file folder labels, which can also include bar-codes.	<p>Required:</p> <ul style="list-style-type: none"> <li>A Microsoft Windows supported postscript driver that is rated for label media and printing volume required.</li> <li>USB port</li> </ul> <p>Recommended:</p> <ul style="list-style-type: none"> <li>Toner based cartridges</li> <li>Paper-type setting for labels, transparency, or heavy card stock</li> </ul>
<b>Datalogic Elf</b>	A mobile collection device used to scan bar codes remotely and then upload the data when connected to a workstation at a later time.	<p>Required:</p> <ul style="list-style-type: none"> <li>Microsoft Mobile Device Center</li> <li>USB port</li> </ul>
<b>Datalogic Memor X3</b>	A mobile collection device used to scan bar codes remotely and then upload the data when connected to a workstation at a later time.	<p>Required:</p> <ul style="list-style-type: none"> <li>Microsoft Mobile Device Center</li> <li>USB port</li> </ul>

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Device	Description	Specifications
<b>Document scanner</b>	A workstation, workgroup, or production document scanner used to convert physical documents to electronic format and capturing them for records management.	Required: <ul style="list-style-type: none"> <li>• USB port</li> <li>• Kofax compatible scanner</li> </ul> Recommended: <ul style="list-style-type: none"> <li>• Kofax VRS Elite for basic image clean up and rescanning</li> <li>• Kofax VRS Professional for bar-code recognition and image controls</li> <li>• Kofax Capture for batch scanning, OCR, and Zonal OCR.</li> </ul>
<b>Honeywell Hyperion 1300g</b>	Direct connect barcode scanner.	Required: <ul style="list-style-type: none"> <li>• USB port</li> </ul>
<b>Inateck BCST-10</b>	Bluetooth cordless and direct connect barcode scanner.	Required: <ul style="list-style-type: none"> <li>• USB port</li> <li>• Bluetooth 2.1</li> </ul>
<b>Socket 7Ci</b>	Bluetooth cordless barcode scanner	Required: <ul style="list-style-type: none"> <li>• Bluetooth 2.1</li> </ul>
<b>T-L462 SignatureGem LCD 1x5</b>	Topaz Electronic Signature Pad (USB, LCD screen)	Required: <ul style="list-style-type: none"> <li>• USB port</li> </ul>
<b>T-LBK462 SignatureGem LCD 1x5</b>	Topaz Electronic Signature Pad (USB, LCD screen, backlit).	Required: <ul style="list-style-type: none"> <li>• USB port</li> </ul>
<b>T-S460-BT SigLite 1x5</b>	Topaz Electronic Signature Pad (Bluetooth).	Required: <ul style="list-style-type: none"> <li>• Bluetooth 1.1</li> </ul>
<b>T-LBK460-BT SigLite LCD 1x5</b>	Topaz Electronic Signature Pad (Bluetooth, LCD screen, backlit).	Required: <ul style="list-style-type: none"> <li>• Bluetooth 1.1</li> </ul>

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## 10. Kofax VRS compatible scanners

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TAB FusionRMS integrates **Kofax® VRS 5.0 and 5.1** and a document scanner with VRS compatibility to support bar code recognition when scanning documents.

The complete listing, including the version of VRS supported by each, is available on the Kofax Scanner Configurator Main Page: <http://scadmin.kofax.com/KCSearch/>

**Note** Fujitsu document scanners are currently not recommended; device driver updates now being released by the manufacturer do not support Kofax® VRS.

**Note** TAB FusionRMS software and Kofax® capture products are supported under specific terms and conditions, which are addressed in annual maintenance agreements between TAB Products Co. LLC and contract holders. Contact your sales representative for more details about your maintenance agreement.

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