



TAB **fusionRMS**

System Requirements - version 9.4

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Document conventions

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, **9.4.0001**.

This document applies to these TAB FusionRMS product packages:

- Essential
- Physical Recordkeeping
- Electronic Recordkeeping
- Enterprise

Table 1: Version control

Version	Date
9.4.1411	November 1, 2016
9.4.1381	April 30, 2016

System requirements

The system requirements provide the complete listing of requirements for supported operating systems, database servers, software, hardware, and storage recommendations; ensure that your version and environment are evaluated using the applicable system requirements to confirm compatibility.

Prerequisites

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

Databases

A supported version and edition of Microsoft® SQL Server® should be installed, configured, and available for use before installing TAB FusionRMS.

Microsoft® Internet Information Services (IIS)

IIS should be configured on your server to support Web Access before it is installed.

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 scanning devices with TAB FusionRMS.

SMTP server

In order to use the e-mail 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 e-mail messages, as do Sendmail, Postfix, QMail and other products.

The SMTP server may be located inside or outside an organization's network, but each TAB FusionRMS desktop client application must be able to make a TCP/IP connection to the SMTP server in order to send an e-mail message.

Operating systems

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

Desktop

TAB FusionRMS Desktop is a 32-bit thick client application that will run on 64-bit Windows using WOW64 technology. It includes both workstation and server components that can be installed on Windows client or server operating systems.

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.

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

Microsoft® .NET Framework 3.5.1 is required on all workstations and servers running the Desktop client application and its components. Depending on the operating system, it might need to be installed separately.

Web Access

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

Microsoft® .NET Framework 4.5.2 is required on IIS web servers hosting the Web Access client application. Depending on the operating system, it might need to be installed separately.

Client operating systems

FusionRMS desktop client application components require installation on a supported Windows® operating system.

Table 2: Supported Windows® client operating systems

Operating system	Editions	Preinstalled	Installed separately	Minimum FusionRMS version
Windows 10 Anniversary Update	32-bit 64 bit	.NET Framework 4.6.2	.NET Framework 3.5.1 .NET Framework 4.5.2	9.3 (all)
Windows 10 November Update	32-bit 64 bit	.NET Framework 4.6.1	.NET Framework 3.5.1 .NET Framework 4.5.2	9.3 (all)
Windows 10	32-bit 64 bit	.NET Framework 4.6	.NET Framework 3.5.1 .NET Framework 4.5.2	9.3 (all)
Windows 8.1	32-bit 64 bit	.NET Framework 4.5.1	.NET Framework 3.5.1 .NET Framework 4.5.2	9.3 (all)
Windows 8	32-bit 64 bit	.NET Framework 4.5	.NET Framework 3.5.1 .NET Framework 4.5.2	9.3 (all)

Operating system	Editions	Preinstalled	Installed separately	Minimum FusionRMS version
Windows 7 SP1	32-bit 64 bit	.NET Framework 3.5.1	.NET Framework 4.5.2	9.2 (all)
Windows Vista SP2	32-bit 64 bit	.NET Framework 3.0	.NET Framework 3.5.1 .NET Framework 4.5.2	8.5 (all)



All platforms - we recommend that the latest Windows Service Packs and critical updates are installed to ensure best compatibility and security.

Windows 7 - the .NET Framework requires SP1.

Windows Vista - Microsoft ends their product support on April 11, 2017.

Server operating systems

FusionRMS server components and the Web Access client application require installation on a supported Windows® server operating system.

Table 3: Supported Windows® server operating systems

Operating system	Editions	Preinstalled	Installed separately	Minimum FusionRMS version
Windows Server 2016	64-bit	.NET Framework 4.6.2	.NET Framework 3.5.1 .NET Framework 4.5.2	9.3 (all)
Windows Server 2012 R2	64 bit	.NET Framework 4.5.1	.NET Framework 3.5.1 .NET Framework 4.5.2	9.3 (all)
Windows Server 2012	64 bit	.NET Framework 4.5	.NET Framework 3.5.1 .NET Framework 4.5.2	9.3 (all)
Windows Server 2008 R2 SP1	64 bit	.NET Framework 3.5	.NET Framework 3.5.1 .NET Framework 4.5.2	9.0 (all)
Windows Server 2008 SP2	32-bit 64 bit	.NET Framework 3.0	.NET Framework 3.5.1 .NET Framework 4.5.2	9.0 (all)



All platforms - we recommend that the latest Windows Service Packs and critical updates are installed to ensure best compatibility and security.

Database servers

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.

Table 4: Supported database editions and versions

Server	Server edition	Minimum server version	Minimum FusionRMS version
SQL Server 2014	Express Standard Enterprise	SP1 (all)	9.3 (all)
SQL Server 2012	Express Standard Enterprise	SP2 (all)	9.3 (all)
SQL Server 2008 R2	Express Workgroup Datacenter Standard Enterprise	SP3 (all)	9.0 (all)
SQL Server 2008	Express Workgroup Standard Enterprise	SP4 (all)	9.0 (all)



To support full-text search capability, SQL Server® Express editions require the installation and set up of Advanced Services.

Windows software

TAB FusionRMS integrates with specific software applications to provide some of its capabilities; check the supported versions and product minimums listed in this section to ensure compatibility.

Desktop supported applications

The TAB FusionRMS Desktop client application supports Microsoft Office integration for Excel, Word, and Outlook.

Table 5: Supported software and versions

Software	Software version	Minimum FusionRMS version
Microsoft Office	2016 ¹	9.4
Microsoft Office	2013	9.3
Microsoft Office	2010	9.0
Microsoft Office	2007	8.5

Web browsers

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

Table 6: Supported web browsers

Browser	Browser version	Operating system	Minimum Web Access version
Internet Explorer (IE)	11 and greater	Windows 10 Anniversary Update Windows 10 November Update Windows 10 Windows 8.1 Windows 8 Windows 7 SP1	9.3 (all)
Internet Explorer (IE)	9 - 10	Windows Vista SP2 Windows Server 2008 and 2008 R2 SP2 Windows Server 2012 and 2012 R2 SP2	8.5 (all)

¹ 64-bit is not supported for this version.

Browser	Browser version	Operating system	Minimum Web Access version
Chrome	50 and greater	Windows 10 Anniversary Update Windows 10 November Update Windows 10 Windows 8.1 Windows 8 Windows 7 SP1	9.4 (all)



Windows Vista - Microsoft ends their product support on April 11, 2017.

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.

Table 7: Minimum recommended Windows® hardware requirements

Hardware	FusionRMS deployment	Minimum requirement
Hard disk space	Server	<p>Application installation:</p> <ul style="list-style-type: none"> ▸ 1 GB minimum free hard disk space. <p>File storage:</p> <ul style="list-style-type: none"> ▸ 10 GB minimum free hard disk space. ▸ 40 GB or greater recommended. <p>Server storage for document imaging:</p> <ul style="list-style-type: none"> ▸ Server storage space can become an issue when implementing document imaging; planning requires consideration of the following factors: <ul style="list-style-type: none"> ◦ The average image size is approximately 30KB - 45KB per 8.5" x 11" document at 200 DPI. ◦ The number of documents to be scanned as a part of a back file conversion. ◦ The number of new documents scanned per work day. ◦ The length of time images remain in the imaging system.
	Workstation	<p>Application installation:</p> <ul style="list-style-type: none"> ▸ 750 MB minimum free hard disk space. <p>File storage</p> <ul style="list-style-type: none"> ▸ 40 GB minimum free hard disk space ▸ 15 GB free hard disk space recommended for temporary file storage.
	Server Workstation	<p>Application installation:</p> <ul style="list-style-type: none"> ▸ 2.85 GB minimum free hard disk space. <p>File storage:</p> <ul style="list-style-type: none"> ▸ 40 GB minimum free hard disk space ▸ 15 GB free hard disk space recommended for temporary file storage. <p>Server storage for document imaging:</p> <ul style="list-style-type: none"> ▸ This requirement is the same as for the server deployment unit.
Memory	Server	<p>System memory:</p> <ul style="list-style-type: none"> ▸ 512 MB minimum. ▸ 2 GB or greater recommended.

Hardware	FusionRMS deployment	Minimum requirement
	Workstation	System memory <ul style="list-style-type: none"> ▸ 512 MB minimum. ▸ 1 GB or greater minimum. Graphics memory <ul style="list-style-type: none"> ▸ 128 MB minimum.
	Server Workstation	System memory: <ul style="list-style-type: none"> ▸ 1 GB minimum. ▸ 2 GB or greater recommended. Graphics memory <ul style="list-style-type: none"> ▸ 128 MB minimum.
Processor	Server	Speed: <ul style="list-style-type: none"> ▸ 1 GHz 32-bit (x86) minimum. ▸ 1.4 GHz 64-bit (x64) minimum. ▸ 2 GHz or faster recommended.
	Workstation	Speed: <ul style="list-style-type: none"> ▸ 1 GHz 32-bit (x86) minimum. ▸ 1 GHz 64-bit (x64) minimum.
	Server Workstation	Speed: <ul style="list-style-type: none"> ▸ 1 GHz 32-bit (x86) minimum. ▸ 1.4 GHz 64-bit (x64) minimum. ▸ 2 GHz or faster recommended.
Storage device	Mass storage	Storage of mass scanned images: <ul style="list-style-type: none"> ▸ RAID (Redundant Array of Independent Disks) normally meets scanned image storage needs from 5 - 500 GB ▸ Optical Jukeboxes and Network Attached Storage devices, such as a SAN (Storage Area Network), should be considered to meet scanned image storage needs in excess of 500 GB. ▸ Optical Jukeboxes should be considered when meeting WORM (Write Once Read Many) storage requirements.



- The recommended requirements do not include any additional requirements for other software running on your system.

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.

Table 8: Supported devices

Device	Description	Specifications	Minimum FusionRMS version
Black and white thermal label printers	Small workstation printer used to print black and white bar-code labels.	Required: <ul style="list-style-type: none"> ▸ Microsoft Windows supported postscript driver that is rated for label media and printing volume required ▸ USB port 	9.0
Color inkjet printers	Primarily used to print color-coded file folder labels, which can also include bar-codes.	Required: <ul style="list-style-type: none"> ▸ Microsoft Windows supported postscript driver that is rated for label media and printing volume required ▸ USB port Recommended: <ul style="list-style-type: none"> ▸ Separate ink cartridges (black, cyan, magenta, and yellow) ▸ Provides custom or user definable sheet size 	9.0
Color laser printers	Primarily used to print color-coded file folder labels, which can also include bar-codes.	Required: <ul style="list-style-type: none"> ▸ A Microsoft Windows supported postscript driver that is rated for label media and printing volume required. ▸ USB port Recommended: <ul style="list-style-type: none"> ▸ Toner based cartridges ▸ Paper-type setting for labels, transparency, or heavy card stock 	9.0
Datalogic Elf	A mobile collection device used to scan bar codes remotely and then upload the data when connected to a workstation at a later time.	Required: <ul style="list-style-type: none"> ▸ Microsoft Mobile Device Center ▸ USB port 	9.3

Device	Description	Specifications	Minimum FusionRMS version
Datalogic Memor X3	A mobile collection device used to scan bar codes remotely and then upload the data when connected to a workstation at a later time.	Required: <ul style="list-style-type: none"> ▸ Microsoft Mobile Device Center ▸ USB port 	9.3
Document scanner	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"> ▸ USB port ▸ Kofax compatible scanner Recommended: <ul style="list-style-type: none"> ▸ Kofax VRS Elite for basic image clean up and rescanning ▸ Kofax VRS Professional for bar-code recognition and image controls ▸ Kofax Capture for batch scanning, OCR, and Zonal OCR. 	9.0
Honeywell Hyperion 1300g	Direct connect barcode scanner.	Required: <ul style="list-style-type: none"> ▸ USB port 	9.0
Inateck BCST-10	Bluetooth cordless and direct connect barcode scanner.	Required: <ul style="list-style-type: none"> ▸ USB port ▸ Bluetooth 2.1 	9.0
Socket 7Ci	Bluetooth cordless barcode scanner.	Required: <ul style="list-style-type: none"> ▸ Bluetooth 2.1 	9.0
T-L462 SignatureGem LCD 1x5	Topaz Electronic Signature Pad (USB, LCD screen).	Required <ul style="list-style-type: none"> ▸ USB port 	9.0
T-LBK462 SignatureGem LCD 1x5	Topaz Electronic Signature Pad (USB, LCD screen, backlit).	Required <ul style="list-style-type: none"> ▸ USB port 	9.0
T-S460-BT SigLite 1x5	Topaz Electronic Signature Pad (Bluetooth).	Required <ul style="list-style-type: none"> ▸ Bluetooth 1.1 	9.0
T-LBK460-BT SigLite LCD 1x5	Topaz Electronic Signature Pad (Bluetooth, LCD screen, backlit).	Required <ul style="list-style-type: none"> ▸ Bluetooth 1.1 	9.0

Kofax VRS compatible document scanners

TAB FusionRMS Enterprise and Electronic Recordkeeping product editions require Kofax® VRS and a document scanner with VRS compatibility to support bar code recognition when scanning documents.

A partial listing of Kofax® VRS compatible document scanners supported by TAB FusionRMS is provided in the following table. 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/>

Fujitsu document scanners are currently not recommended; device driver updates now being released by the manufacturer do not support Kofax® VRS. The HP® Scanjet 7000 S2 is the recommended choice for a mid-priced desktop document scanner for use with TAB FusionRMS.

Table 9: Supported Kofax VRS compatible document scanners

Row #	Manufacturer	Document Scanner	Manufacturer	Document Scanner
1	Canon	DR-1210C (USB)	Canon	DR-9080C (SCSI, USB)
2	Canon	DR-2010C (USB)	Canon	DR-C125 (USB)
3	Canon	DR-2020U (USB)	Canon	DR-C130 (USB)
4	Canon	DR-2050C (USB)	Canon	DR-C225 (USB)
5	Canon	DR-2080C (SCSI, USB)	Canon	DR-C240 (USB)
6	Canon	DR-2510C (USB)	Canon	DR-G1100 (USB)
7	Canon	DR-2580C (USB)	Canon	DR-G1130 (USB)
8	Canon	DR-3010C (USB)	Canon	DR-M140 (USB)
9	Canon	DR-3080CII (SCSI, USB)	Canon	DR-M160 (USB)
10	Canon	DR-4010C (SCSI, USB)	Canon	DR-M160II (USB)
11	Canon	DR-5010C (SCSI, USB)	Canon	DR-M1060 (USB)
12	Canon	DR-6010C (SCSI, USB)	Canon	DR-X10C CGA (VRS USB, VRS SCSI)
13	Canon	DR-6030C (USB)	Canon	Flatbed scanner Unit 101 (USB)
14	Canon	DR-6050C (SCSI, USB)	Canon	Flatbed scanner Unit 102 (USB)
15	Canon	DR-6080 (SCSI, USB)	Canon	P-150 (USB)
16	Canon	DR-7080C (SCSI, USB)	Canon	P-208 (USB)
17	Canon	DR-7090C (SCSI, USB)	Canon	P-208II (USB)
18	Canon	DR-7550C (SCSI, USB)	Canon	P-215 (USB)
19	Canon	DR-7580 (SCSI, USB)	Canon	P-215II (USB)
20	Canon	DR-9050C (SCSI, USB)	HP	Scanjet 5000 (USB)
21	HP	Scanjet 7000 (USB)	HP	Scanjet 7000 S2 (USB)
22	HP	Scanjet 7500 (USB)	HP	Scanjet 7800 (USB)

Row #	Manufacturer	Document Scanner	Manufacturer	Document Scanner
23	HP	Scanjet 8270 (USB)	HP	Scanjet 8290 (SCSI, USB)
24	HP	Scanjet 8350 (USB)	HP	Scanjet 8390 (USB)
25	HP	Scanjet 9000 (USB)	HP	Scanjet N7710 (USB)
26	HP	Scanjet N8420 (USB)	HP	Scanjet N8460 (USB)
27	HP	Scanjet N9120 (USB)	Kodak	i30 (USB)
28	Kodak	i40 (USB)	Kodak	i50 (SCSI)
29	Kodak	i55 (SCSI, USB)	Kodak	i60 (SCSI)
30	Kodak	i65 (SCSI, USB)	Kodak	i80 (SCSI)
31	Kodak	i150 (Firewire)	Kodak	i160 (Firewire)
32	Kodak	i250 (Firewire)	Kodak	i260 (Firewire)
33	Kodak	i280 (Firewire)	Kodak	i610 (Firewire)
34	Kodak	i620 (Firewire)	Kodak	i640 (Firewire)
35	Kodak	i660 (Firewire)	Kodak	i730 (Firewire)
36	Kodak	i750 (Firewire)	Kodak	i780 (Firewire)
37	Kodak	i810 (SCSI)	Kodak	i820 (SCSI)
38	Kodak	i830 (SCSI)	Kodak	i840 (SCSI)
39	Kodak	i920 (USB)	Kodak	i940 (USB)
40	Kodak	i1120 (USB)	Kodak	i1150 (USB)
41	Kodak	i1210 (USB)	Kodak	i1220 (USB)
42	Kodak	i1310 (USB)	Kodak	i1320 (USB)
43	Kodak	i1405 (USB)	Kodak	i1410 (USB)
44	Kodak	i1420 (USB)	Kodak	i1440 (USB)
45	Kodak	i1840 (Firewire)	Kodak	i1860 (Firewire)
46	Kodak	i2400 (USB)	Kodak	i2600 (USB)
47	Kodak	i2800 (USB)	Kodak	i2900 (USB)
48	Kodak	i3200 (USB)	Kodak	i3400 (USB)
49	Kodak	i3450 (USB)	Kodak	i4200 (USB)
50	Kodak	i4200Plus (USB)	Kodak	i4600 (USB)
51	Kodak	i4600Plus (USB)	Kodak	i5200 (USB)
52	Kodak	i5200V (VRS SCSI, VRS USB)	Kodak	i5600 (USB)

Row #	Manufacturer	Document Scanner	Manufacturer	Document Scanner
53	Kodak	i5600V (VRS SCSI, VRS USB)	Kodak	i5800 (USB)
54	Kodak	i5850 (USB)	Kodak	Ngenuity9090 (USB, SCSI)
55	Kodak	Ngenuity9125 (USB, SCSI)	Kodak	Ngenuity9150 (USB, SCSI)
56	Kodak	Truper3210 (USB)	Kodak	Truper3610 (USB)
57	Xerox	DocuMate 152 (USB)	Xerox	DocuMate 162 (USB)
58	Xerox	DocuMate 250 (USB)	Xerox	DocuMate 252 (USB)
59	Xerox	DocuMate 262 (USB)	Xerox	DocuMate 262i (USB)
60	Xerox	DocuMate 272 (USB)	Xerox	DocuMate 520 (USB)
61	Xerox	DocuMate 632 (USB)	Xerox	DocuMate 700 (USB)
62	Xerox	DocuMate 742 (USB)	Xerox	DocuMate 752 (USB)
63	Xerox	DocuMate 765 (USB)	Xerox	DocuMate 3125 (USB)
64	Xerox	DocuMate 3460 (USB)	Xerox	DocuMate 3640 (USB)
65	Xerox	DocuMate 4440 (USB)	Xerox	DocuMate 4760 (USB)
66	Xerox	DocuMate 4790 (USB)	Xerox	DocuMate 4799 (USB)
67	Xerox	DocuMate 5445i (USB)	Xerox	DocuMate 5460i (USB)



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