


# System Requirements for CASH Suite 2019.1


Refer to the following workstation and server system requirements to ensure that the CASH system will run properly in your environment.

## CASH Suite Workstation Requirements

Specific workstation requirements are listed below:

Client	Minimum	Recommended
<b>Operating System</b>	Windows 7 SP1	Windows 10 (32-bit / 64-bit)
<b>Processor</b>	Intel Pentium/AMD equivalent	Intel Core 2 Duo/AMD equivalent
<b>Disk Space Available</b>	20 GB	40 GB
<b>RAM</b>	4 GB	8 GB
<b>Client Software</b>	Microsoft 32-bit Word/Excel 2010 or higher	Microsoft Office 32-bit Word/Excel/Outlook 2010 or higher
<b>Client Software - OnTrack Only</b>	Microsoft 32-bit Word/Excel 2010 or higher. <b>Note:</b> Microsoft Office 2013 requires Version 150.0.5023.1000 or higher.	Microsoft 32-bit Word/Excel 2010 or higher. <b>Note:</b> Microsoft Office 2013 requires Version 150.0.5023.1000 or higher.
<b>Microsoft .NET Framework</b>	Version 4.6.2	Version 4.6.2 or higher
<b>Microsoft SQL Server 2012 Native Client</b>	Version 11.3	Version 11.3 or higher
<b>Display</b>	SVGA (1024 X 768) or higher	
<b>Browser</b>	Internet Explorer 11, Edge, Chrome, Firefox	

 Warning: Installing Microsoft .NET Framework may require a reboot of the workstation PC.

 Note: The Home editions of Windows Operating Systems are not supported.



Note: The 64-bit versions of Microsoft Office are not supported at this time.



Note: The Home editions of Microsoft Office are not supported.



Note: Having multiple versions of Microsoft Office (eg. 2013 and 2016) installed on the same computer is not supported at this time.

## Server Requirements for CASH-SQL Database

SQL Server requirements are listed below:

Database Server	Minimum	Recommended
<b>Operating System</b>	Windows Server 2008 R2 SP1	Windows Server 2016
<b>Processor</b>	Single Intel Core Pentium or AMD equivalent	Dual Intel Core Pentium / AMD equivalent or higher
<b>Disk Space Available</b>	20 GB*	40 GB RAID 5 / RAID 1+0 configuration or better*
<b>RAM</b>	8 GB	16 GB or higher
<b>Database Software</b>	Microsoft SQL Server 2008 R2 SP3	Microsoft SQL Server 2016
<b>Database Backup</b>	SQL Backup Agent or Maintenance Plan in SQL Server	



Warning: Installing Microsoft .NET Framework may require a reboot of the SQL Server PC.



Note: Certain releases of SQL Server 2012 are not compatible with CASH. If you are using SQL Server 2012, please be sure that it is patched to the latest release. For SQL Server 2012, we recommend SP 4 (version 11.0.7001.0) or later.



Bridge customers should allocate appropriate disk space according to the number of products imported using the following formula:

$$1 \text{ New Product (Loan or Deposit)} = 1 \text{ MB}$$



Note: Using SQL Server Express with CASH Bridge is highly discouraged due to forced storage limits on SQL Server Express that can cause production interruptions. For example, using Bridge with SQL Server Express will only allow an import of approx. 10,000 new Products (Loan or Deposit) due to 10 GB size limit of SQL Server Express.

Specifications subject to change without notice.

## CASH Agent Specifications

CASH Agent requirements are listed below:

	Minimum	Recommended
<b>Operating System</b>	Windows 7 SP1	Windows Server 2016
<b>RAM</b>	4 GB	8 GB or higher
<b>Microsoft .NET Framework</b>	Version 4.6.2	Version 4.6.2 or higher
<b>Microsoft SQL Server 2012 Native Client</b>	Version 11.3	Version 11.3 or higher
<b>Processor</b>	Single Intel Core Pentium or AMD equivalent	Dual Intel Core Pentium / AMD equivalent or higher



Warning: Installing Microsoft .NET Framework may require a reboot of the CASH Agent computer.

Specifications subject to change without notice.

**ComplianceOne® manager Sync**

ComplianceOne® manager Sync requirements are listed below:

	<b>Minimum</b>	<b>Recommended</b>
<b>Operating System</b>	Windows 7 SP1	Windows Server 2016
<b>RAM</b>	4 GB	8 GB or higher
<b>Microsoft .NET Framework</b>	Version 4.6.2	Version 4.6.2 or higher
<b>Microsoft SQL Server 2012 Native Client</b>	Version 11.3	Version 11.3 or higher
<b>Processor</b>	Single Intel Core Pentium or AMD equivalent	Dual Intel Core Pentium / AMD equivalent or higher



Warning: Installing Microsoft .NET Framework may require a reboot of the ComplianceOne® manager Sync PC.

Specifications subject to change without notice.

## CASH Workflow Agent

The CASH Workflow Agent runs as a pair of services that must run on a server within your environment with the following configurations:

	Minimum	Recommended
<b>Operating System</b>	Windows 7 SP1	Windows Server 2016
<b>RAM</b>	4 GB	8 GB or higher
<b>Microsoft .NET Framework</b>	Version 4.6.2	Version 4.6.2 or higher
<b>Microsoft SQL Server 2012 Native Client</b>	Version 11.3	Version 11.3 or higher
<b>Processor</b>	Single Intel Core Pentium or AMD equivalent	Dual Intel Core Pentium / AMD equivalent or higher
<b>Network</b>	Internet connectivity (see below)	



Warning: Installing Microsoft .NET Framework may require a reboot of the Workflow Listener/Sender PC.

## CASH LaserPro Service

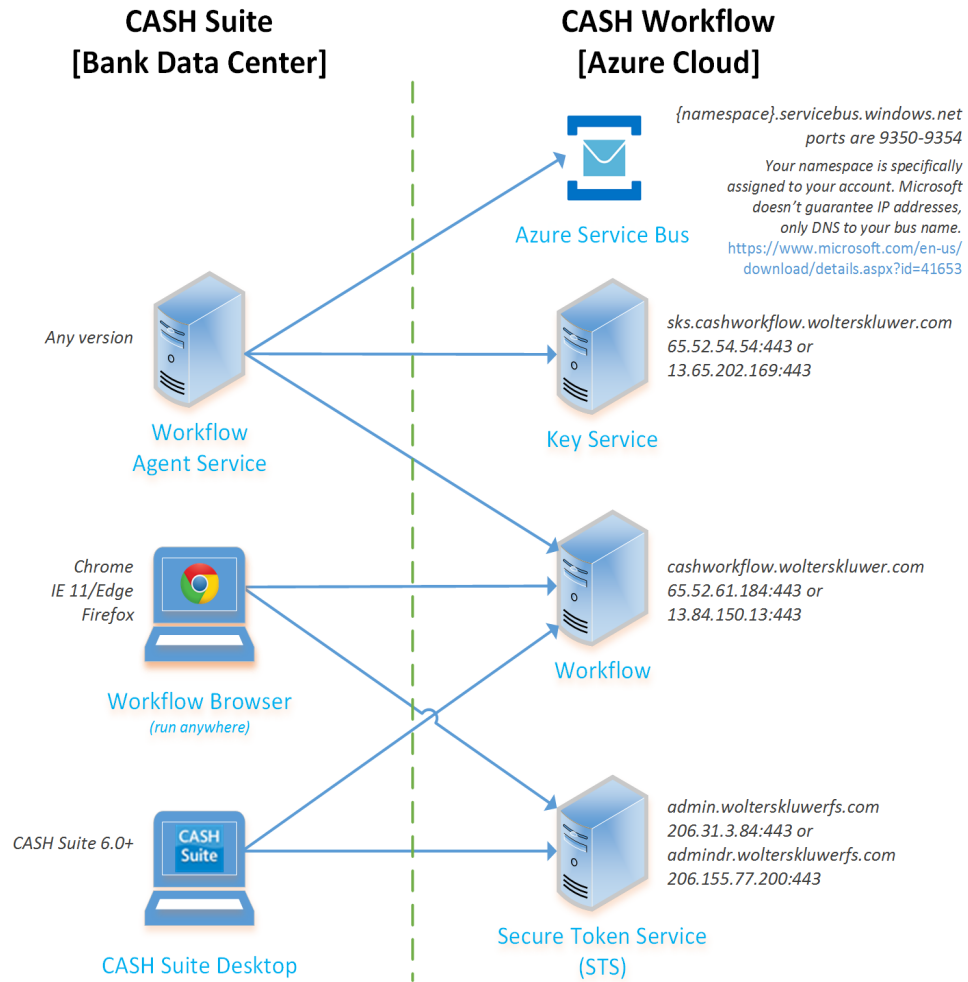
The CASH LaserPro Service runs on a server within your environment with the following configurations:

	Minimum	Recommended
<b>Operating System</b>	Windows 7 SP1	Windows Server 2016
<b>RAM</b>	4 GB	8 GB or higher
<b>Microsoft .NET Framework</b>	Version 4.6.2	Version 4.6.2 or higher
<b>Microsoft SQL Server 2012 Native Client</b>	Version 11.3	Version 11.3 or higher
<b>Processor</b>	Single Intel Core Pentium or AMD equivalent	Dual Intel Core Pentium / AMD equivalent or higher



Warning: Installing Microsoft .NET Framework may require a reboot of the LaserPro Service PC.


## CASH Workflow Network Connectivity Diagram




### CASH Supported Platforms

CASH Suite currently supports the platforms/software specified below. Microsoft extended support end dates are also provided for reference. Wolters Kluwer generally does not provide support for the platforms beyond their extended support end dates.

Platforms / Software	Support End Date
<b>Operating System</b>	
Windows 7 SP 1	January 2020
Windows 8.1	
Windows Server 2008 R1 and R2	January 2020
Windows Server 2012	
Windows Server 2016	
Windows 10	
<b>SQL Server</b>	
SQL Server 2008 R2	July 2019
SQL Server 2012	
SQL Server 2014	
SQL Server 2016	
<b>Microsoft Office</b>	
Office 2010	October 2020
Office 2013	
Office 2016	
Office 2019	
Office 365	
<b>.NET</b>	
4.6.2 or higher	
<b>ComplianceOne Lending</b>	
	2018.4
	2019.1
<b>Medici</b>	
	2018.4
	2019.1

 Note: Having multiple versions of Microsoft Office (eg. 2013 and 2016) installed on the same computer is not supported at this time.

 Note: Certain releases of SQL Server 2012 are not compatible with CASH. If you are using SQL Server 2012, please be sure that it is patched to the latest release. For SQL Server 2012, we recommend SP 4 (version 11.0.7001.0) or later.

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