



Hardware & Software Minimum Requirements

Note: Requirements specific for Excede versions below

(with Excede installed on PC's)

Company Size:	Up to 25 Users	26-150 Users	151+ Users
Database Server:	<i>(Database Server should not function as a domain controller)</i>		
Processor:	2 Cores @ 2.0 GHz+	4 Cores @ 2.0 GHz+	6 cores @ 2.0 GHz+
RAM:	16 GB	32 GB	64 GB+
Storage Technology ¹ :	RAID-1 & RAID-5 (15K SAS, SSD) RAID-1 & RAID-10 (15K SAS, SSD)		
Storage Capacity:	100 GB & 150 GB+	150 GB & 200 GB+	150 GB & 250 GB+
Networking:	1.0+ Gbps Ethernet LAN		
Operating System:	Windows Server 2016+ (Recommended); Windows Server 2012 R2 Standard (Minimum). Enterprise or Datacenter Editions are also supported.		
Collation Setting:	SQL Server must be configured with 'SQL_Latin1_General_CP1_CI_AS' as the default collation.		
Prerequisite Software (Not Included):	Any dedicated FTP client application (such as WinSCP) for file transfers with Procede		
Excede Version:	Excede v9	Excede v10.0.X	Excede v10.1 and Above
Server Operating System:	Windows Server 2012 R2	Windows Server 2016+ (Recommended); Windows Server 2012 R2 (Minimum)	Windows Server 2019 (Recommended); Windows Server 2016 (Minimum)
	Standard, Enterprise or Datacenter Editions are supported.		
SQL Server Software ^{3, 4} :	SQL Server 2012	SQL Server 2016/2017 (Recommended) or SQL Server 2012 (Minimum)	SQL Server 2019 (Recommended) or SQL Server 2016/2017 (Minimum)
Application/Web Server:	<i>Note: Application/Web Server should not function as a domain controller. It is best practice to separate the SQL Server and Application Server roles onto different machines (either physical or virtual). If using a single server as both the Database Server and Application Web Server, then please note requirements for both of these sections.</i>		
Processor:	2 Cores @ 2.0 GHz+		
RAM:	8 GB	12 GB	16 GB
Storage Technology ¹ :	RAID-1 (15K SAS, SSD)		
Storage Capacity:	250 GB of free space		
Networking:	1.0+ Gbps Ethernet LAN		
Operating System:	Windows Server 2019 (Recommended); Windows Server 2012 R2+ Standard (Minimum). Enterprise or Datacenter Editions also supported.		
Prerequisite Software ² :	IIS 7.5 8.0 8.5, Microsoft SQL Server ODBC Driver Compatible with SQL Server version		
PCs/Workstations:	<i>(For any computer/server that needs to run Excede)</i>		
Processor:	Dual-core processor @ 2.0 GHz+		
Available Memory:	2 GB RAM		
Free Disk Space:	Maintain minimum 20% of drive capacity		
Networking:	100/1000 Mbps Ethernet WLAN 802.11a/g/n/ac (Wi-Fi)		
Operating System:	Windows 10+		
Prerequisite Software (Included with Excede DMS) ² :	Please note that the installation of Excede DMS will include the following pre-requisite software: .NET 4.8.x, SAP Crystal Runtime Engine (printing engine), SAP Crystal Reports Reader (printing option), PDF-XChange Viewer (printing option), Microsoft SQL Server ODBC Driver (compatible with SQL Server version) and MS Redistributable. Note that Crystal Designer is an optional application for creating Crystal forms and is not included with Excede.		
Control Panel Settings:	Date format must be set to English (United States)		
Environment:			
Networking:	Servers must be connected via a 1+ Gbps LAN network infrastructure		
Internet Access:	All servers hosting Procede applications and integrations need internet access		
Shared Storage:	A network file share (file server) with at least 250 GB of free disk space must be accessible to all workstations and servers for archiving and distributing common files		
Power:	Servers should contain redundant power supply units (PSUs) with connections to separate uninterruptible power supplies (UPSs)		
Additional Solutions:			
Application Updater	Requires Microsoft® .NET Framework v4.8+ and Microsoft® Windows Server v2012 R2+		
Asset Management	Requires Excede v.9.22.4+ (to run in a standalone browser) or Excede v.10.0.1+ (to run embedded in Excede), Excede API v2.0.0.414+ or v2.1.0.74+.		
Barcode Scanner ⁵ :	Scanner Recommendations: 1D Laser up to Motorola ⁵ MC9200 model with Standard range (working range of 6-8 feet) with Windows Embedded Handheld 6.5 OS, or Motorola MC9190 with Windows Mobile/Embedded Handheld 6.5, WLAN 802.11a/g/n (WiFi)		
Document Delivery:	Requires Excede v9.18+		
Excede Analytics Suite ⁸	Requires Google Chrome ⁷ , Excede v10.0+, Excede API v2.0+.		
Label Printer ⁵ :	Zebra ZD621 Label Printer		
Lease Rental Plus:	Supports Google Chrome ⁷ , requires Excede v9.22.4+ and Excede API v2.0+. Mobile devices not supported.		
Rapid RO ⁵ :	Supports any Windows, Windows Mobile, iOS or Android device, requires Excede v9.21+		
Service Web App	Excede® v9.22.4 to Excede 10.0.1.9 with Excede API v2.0.0.408 (standalone browser) or Excede v10.1+ with Excede API v2.1.0.68+ (embedded in Excede). Supported on Google Chrome, Microsoft Edge and Microsoft Internet Explorer (IE) v11+ ⁷		
Signature Capture:	Requires Excede v9.22.5+. Supports 7"+ tablets running Android 4.0-10.0, requires WLAN 802.11a/g/n/ac (WiFi)		
Time Clock Web App:	Requires Excede v9.19+. Supports Google Chrome ⁷		

Set Up Notes:

¹Local or network storage must have multiple physical disk arrays using the correct RAID level to properly separate workloads and assure redundancy. ²SQL Server includes components such as SQL Server Data Tools and IIS 7.5 | 8.0 | 8.5. These components can be installed at any time during or after installation. ³SQL Server must not be installed on any domain controller server and should not be installed on the same server that runs the Web Server (IIS) role. ⁴Procede's assigned Windows login account must be granted the SQL Server 'sysadmin' role. ⁵Please visit our Customer & Resources Portal for more info as compatible hardware may change over time. ⁶May also be branded as Zebra or Symbol. Please review with Procede Software to confirm barcode scanner compatibility. ⁷Currently, Internet Explorer functions in an Excede environment, but is not supported. Note that Microsoft discontinued support for IE10 as of 1/14/2020, and support for IE11 will end on 8/17/2021. ⁸Excede Analytics Suite includes Data Insight and KPIs & Metrics.

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It is advised that a skilled IT professional review this document to better understand required hardware and software requirements prior to installation.

Office: (858) 450-4800 | www.procedesoftware.com | Rev. 09/2021