

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 Technology¹:	RAID-1 & RAID-5 (15K SAS, SSD)		
Storage Capacity:	100 GB & 150 GB+	150 GB & 200 GB+	150 GB & 250 GB+
Networking:	1.0+ Gbps Ethernet LAN		
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 System⁸:	Windows Server 2012 R2 (End of Life Oct 2023)	Windows Server 2016 (Recommended)	Windows Server 2019 (Recommended); Windows Server 2016 (Minimum)
SQL Server Software^{3,4,8}:	SQL Server 2012 (End of Life July 2022)	SQL Server 2016/2017 (Recommended) or SQL Server 2012 (Minimum, no longer supported)	SQL Server 2019 (Recommended) or SQL Server 2016/2017 (Minimum)
Standard, Enterprise or Datacenter Editions are supported. ⁹			
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 Technology¹:	RAID-1 (15K SAS, SSD)		
Storage Capacity:	250 GB of free space		
Networking:	1.0+ Gbps Ethernet LAN		
Operating System⁸:	Windows Server 2019 (Recommended); Windows Server 2012 R2+ Standard (Minimum, End of Life Oct 2023). Enterprise or Datacenter Editions also supported.		
Prerequisite Software²:	IIS 8.0+, 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 System⁸:	Windows 10 (any current version of Excede) and Windows 11 (Excede v10.2+)		
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 (Crystal Reports Designer 2016 is recommended).		
Control Panel Settings:	Date format must be set to English (United States). App Server and Data Server must utilize the same date and time settings.		
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:			
Server Application Updater:	Requires Microsoft® .NET Framework v4.8+ and Microsoft® Windows Server 2016+		
Asset Management:	Requires Excede v.10.2+ with compatible API. Supported on Google Chrome, Microsoft Edge.		
Barcode Scanning:	Contact DecisionPoint regarding preferred Android 11+ compatible devices.		
Document Delivery:	Requires Excede v10.1+ with compatible API.		
Excede Analytics Suite⁷:	Requires Google Chrome ⁶ , Excede v10.0+ with compatible Excede API		
Label Printer⁵:	Zebra ZD621 Label Printer		
Lease Rental Plus:	Supports Google Chrome ⁶ , Excede v10.0+ with compatible Excede API. Mobile devices not supported.		
Mobile Time Clock:	Requires Excede v.10.1+ (to run in a standalone browser) with compatible API. Supports Google Chrome or Microsoft Edge ⁶		
Rapid RO⁵:	Supports any Windows, Windows Mobile, iOS or Android device, requires Excede v9.21+		
Service Web App:	Requires Excede v.9.22.4+ (to run in a standalone browser) with compatible API or Excede v.10.0.1+ (to run embedded in Excede) with compatible Excede API. Supported on Google Chrome, Microsoft Edge.		
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 ⁶		

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 8.0+. 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. ⁶Currently, Internet Explorer functions in an Excede environment, but is not supported. Note that Microsoft discontinued support for IE10 on 1/14/2020 and for IE11 on 8/17/2021. ⁷Excede Analytics Suite includes Data Insight and KPIs & Metrics. ⁸SQL Server, Windows Server Operating System and Windows Operating System - newer versions may be available but are not yet supported unless noted above.

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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.