

Moxy Release 16.1 System Requirements

About System Requirements

- Advent supports only the operating systems and configuration options listed in this document.
- Advent tests products with the latest service packs. If a product requires a specific service pack, it's noted.
- Advent tests only the English language versions of third-party products such as Microsoft Windows operating systems, Microsoft SQL Server, Microsoft Office, and more.
- Advent provides performance and capacity guidelines for planning purposes only. Because many variables affect the performance of your system and the size of your data files, Advent assumes no liability for hardware purchase decisions. Please consult your systems consultant about specific configuration decisions.
- You must install Moxy using a SQL Server Login that belongs to the sysadmin server role (you are not required to use "sa"). For runtime operations, however, you can use a SQL Server Login which belongs to the public server role.

Database Server

Hardware	See the "Server Planning Capacity" section.
Operating System	<ul style="list-style-type: none">■ Microsoft Windows Server<ul style="list-style-type: none">■ 2012 R2, Enterprise or Standard, 64-bit Only■ 2012, Enterprise or Standard, 64-bit Only■ 2008 R2 (SP1 or later), Enterprise or Standard, 64-bit Only■ 2008 (SP2 or later), Enterprise or Standard, 64-bit Only
Database	<ul style="list-style-type: none">■ Microsoft SQL Server<ul style="list-style-type: none">■ 2014, Enterprise or Standard, 64-bit Only■ 2012, Enterprise or Standard, 64-bit Only■ 2008 R2, Enterprise or Standard, 64-bit Only■ 2008 (SP1 or later), Enterprise or Standard, 64-bit Only <p>IMPORTANT Microsoft SQL Server delivered as part of Small Business Server is NOT supported.</p> <p>Requirements Moxy requires "Full-Text Search" in Microsoft SQL Server. If you do not have "Full-Text Search" installed, you can run Microsoft SQL Server setup again and install the "Full-Text Search" component in Database Engine Services.</p>

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	<p>Database Collation Details</p> <p>Your choice for database collation varies:</p> <ul style="list-style-type: none"> ■ If you are upgrading from a previous release, you must continue to use the same database collation. ■ If you are installing Moxy for the first time, the recommended collation is Latin1_General_CI_AS. Note that this is a Windows collation (based on Microsoft’s recommendation to use Windows, rather than SQL, collations) but Moxy supports the use of SQL collations too. The following other language collations are also supported. (Note that we list the Windows collations here, but the corresponding SQL collations are also supported). <ul style="list-style-type: none"> Danish_Norwegian_CI_AS Finnish_Swedish_CI_AS French_CI_AS German_Phonebook_CI_AS Greek_CI_AS Icelandic_CI_AS Modern_Spanish_CI_AS ■ If you use APX, the database collations in APX and Moxy must match (in language); nevertheless, the collation types can vary (SQL vs. Windows). For details, see KB Article A32546.
Other Software	<ul style="list-style-type: none"> ■ Microsoft .NET Framework 3.5 (SP1)
Data Access	<ul style="list-style-type: none"> ■ MDAC 2.8 or later ■ Microsoft SQL Native Client <ul style="list-style-type: none"> ■ 2014 (version 12.x) ■ 2012 (version 11.x) ■ 2008 (version 10.x) ■ 2005 (version 9.x)
Database Clustering	<p>Database server clustering is supported for Active-Passive configurations involving no more than two nodes.</p>

Application/File Server

Hardware	<p>See your operating system’s requirements.</p>
Operating System	<ul style="list-style-type: none"> ■ Microsoft Windows Server <ul style="list-style-type: none"> ■ 2012 R2, Enterprise or Standard, 64-bit Only ■ 2012, Enterprise or Standard, 64-bit Only ■ 2008 R2 (SP1 or later), Enterprise or Standard, 64-bit Only ■ 2008 (SP2 or later), Enterprise or Standard, 64-bit Only

User Workstations

Hardware	See the "Server Planning Capacity" section.
Operating System	<ul style="list-style-type: none">■ Microsoft Windows<ul style="list-style-type: none">■ 10, Pro or Enterprise, 64-bit Only■ 8.1, Professional only, 64- or 32-bit■ 7 (SP1 or later), Professional only, 64- or 32-bit
Other Software	<ul style="list-style-type: none">■ Microsoft .NET Framework: 3.5 SP1 AND 4.0 or 4.5.2 or 4.6.1 <hr/> <p>For Export to Excel Functionality</p> <ul style="list-style-type: none">■ Microsoft Office<ul style="list-style-type: none">■ 2016, Professional Plus, Professional, or Standard 64- or 32-bit■ 2013, Professional Plus, Professional, or Standard, 64- or 32-bit■ 2010, Professional or Standard, 64- or 32-bit <hr/> <p>For Moxy Help, Advent Community, and DTCC Integration</p> <ul style="list-style-type: none">■ Microsoft Internet Explorer 11
Data Access	<ul style="list-style-type: none">■ MDAC 2.8 or later <hr/> <ul style="list-style-type: none">■ Microsoft SQL Native Client<ul style="list-style-type: none">■ 2014 (version 12.x)■ 2012 (version 11.x)■ 2008 (version 10.x)■ 2005 (version 9.x)

Server Planning Capacity

Based on your firm's profile, these recommendations reflect the minimum hardware necessary for optimal performance. If your firm is looking to purchase new hardware, you may want to consider exceeding these minimum recommendations as they will likely increase with the next product release.

	Environment 1: < 500 portfolios < 100 orders created daily < 3 concurrent users	Environment 2: 500-2000 portfolios 100-300 orders created daily 4-10 concurrent users	Environment 3: > 2000 portfolios > 300 orders created daily > 1000 allocations daily > 10 concurrent users
Database Server	<ul style="list-style-type: none"> ■ Dual-core Xeon or Opteron processor ■ 4 GB RAM ■ 50 GB free disk space on data partition ■ 7.2k RPM disk drives, Recommend: 10k+ RPM. Use more disks in RAID array for better performance. 	<ul style="list-style-type: none"> ■ Quad-core Xeon or Opteron processor ■ 4 GB RAM, Recommend: 8GB RAM ■ 100 GB free disk space on data partition ■ 10k RPM disk drives, Recommend: 15k RPM. Use more disks in RAID array for better performance. 	Please consult your Advent Representative.
Application/ File Server	<ul style="list-style-type: none"> ■ Dual core Intel or AMD processor ■ 4 GB RAM, Recommend: 8GB RAM with Moxy Pricing Provider with FactSet and Bloomberg (2GB for the Operating System, 2GB for MxDBPricer, 2GB for RTM, 2GB for Moxy32.exe). ■ Display with 1024 x 786 min resolution, Recommend: 1280 x 1024 or higher ■ Min 500MB free disk space 		
User Workstation	<ul style="list-style-type: none"> ■ Dual core Intel or AMD processor ■ 2 GB RAM, Recommend: 4GB RAM ■ Display with 1024 x 786 min resolution, Recommend: 1280 x 1024 or higher ■ Min 500MB free disk space 		

Key Supported Product Changes in Moxy Release 16.1

This table shows highlights of the products that Moxy Release 16.1 supports and how that support has changed since Moxy Release 15.2.

Database Server	Add Support for:	Drop Support for:
Operating System		
File Server		
Operating System		
User Workstation		
Operating System	<ul style="list-style-type: none"> ■ Microsoft Windows 10, Pro or Enterprise, 64-bit Only ■ Microsoft .NET Framework 4.6.1 ■ Microsoft Office 2016, Professional Plus, Professional, or Standard 64- or 32-bit 	<ul style="list-style-type: none"> ■ Microsoft Windows 8, Professional ■ Microsoft Internet Explorer 9 and 10 ■ Microsoft Office 2007 and 2003
Server Planning		
Application/File Server and User Workstation		

Compatible Advent Products

To confirm the details about which Advent add-on product releases are compatible with each other, and with other Advent products, please contact your Advent consultant or Advent Support.

Advent Product	Release	Advent Product	Release
Advent Portfolio Exchange	16.1, 15.2, 15.1, 14.2, 14.1	Advent Rules Manager	16.1
Advent Market Data Manager	16.1, 15.2, 15.1, 14.2, 14.1	DTCC	15.2
Axys	16.1, 15.2, 3.8.6, 3.8.5, 3.8, 3.7	Geneva (Please consult your Advent Representative)	

For the latest information about which Advent product releases are compatible with Moxy Release 16.1, refer to the Advent Platform Cross-Product Compatibility Matrix on Advent Community (KB Article [A31713](#)).

Backup and Recovery Strategy

As you set up your server environment, you must plan your backup and recovery strategy. This may include hardware and software for possible tape backup and mirroring. Microsoft SQL Server offers backup and restore services, but third-party software may work best for the backup of the Windows Server itself. Advent recommends that you discuss your backup and recovery strategy with your network consultant and IT department.