HARDWARE AND SOFTWARE RECOMMENDATIONS
Lucity 2016r2 for SQL Server

OPERATING SYSTEM AND SOFTWARE REQUIREMENTS

Microsoft SQL Server 2016 (All Editions)
Microsoft SQL Server 2014 (All Editions)
Microsoft SQL Server 2012 (All Editions)
Microsoft SQL Server 2008 R2 (All Editions)
Microsoft SQL Server 2008 [A]

	Windows 10 (32/64 bit) [2]	Windows 8.1 (32/64 bit) [2]	Windows 7 SP1 (32/64 bit) [2]	Windows Server 2016	Windows Server 2012r2	Windows Server 2012	Windows Server 2008 R2 SP1	.NET 4.5.2 Full	Internet Explorer 11.0 [4]	Microsoft Silverlight 5.1 (min. 5.1.50428)	ArcGIS 10.2.2+, ArcGIS 10.3.x, ArcGIS 10.4.1+ [1]
Lucity Web User	✓	✓	✓						✓	✓	
Lucity Desktop	✓	✓	✓					✓			✓
File Server				✓	✓	✓	✓				
Services Server				✓	✓	✓	✓	✓			
Database Server				✓	✓	✓	✓				
Web Servers [3]				✓	✓	✓	✓	✓			
GIS Web Server								✓			✓

[1] Does not include ArcGIS(R) requirements; please see Esri web site for more information. Applicable for ArcGIS Server(R) Enterprise Edition Standard or Advanced Versions only.

[2] Windows RT is not supported.

[3] Includes Lucity Web, Lucity Citizen Portal, Lucity REST API, Lucity Citizen Portal REST API, Lucity Mobile Server, Lucity Document Server, Lucity Identity Server, and Lucity Web REST API. Lucity Mobile Server must be deployed with SSL (TLS v1.2) to use the Lucity Mobile application for iPad or iPhone.

[4] Compatibility view is not supported.

HARDWARE REQUIREMENTS

Minimum and Recommended Hardware Specifications					
	CPU	Cores	RAM	Storage Space [1]	Minimum Video
Lucity Web User	1 GHz	1	1GB	50 MB	1024x768
Lucity Desktop	1 GHz	1	1GB	500 MB	1024x768
File Server	2 GHz	2,2[3]	2GB, 2GB[3]	2 GB	N/A
Services Server	2 GHz	2,4[3]	2GB, 2GB[3]	2 GB	N/A
Lucity Database Server	2 GHz	2,4[3]	4GB, 8GB[3]	20 GB	N/A
Lucity Web Server	2 GHz	2,4[3]	4GB, 8GB[3]	2 GB	N/A
Lucity Mobile Server	2 GHz	2,4[3]	4GB, 8GB[3]	2-20 GB[2]	N/A
Lucity REST API Server & Lucity Document Server	2 GHz	2,2[3]	2GB, 4GB[3]	1 GB	N/A
Lucity Citizen Portal Server	2 GHz	2,2[3]	2GB, 4GB[3]	1 GB	N/A

[1] Storage space for Lucity components only; does not include storage space for OS or any supporting software including database software.

[2] Lucity Mobile Server requires 1GB for core installation plus up to 20GB for offline cache storage.

[3] Minimum (up to 5 concurrent users), Recommended (up to 25 concurrent users)

* Minimums for servers are appropriate for 5 or fewer concurrent users.

* Minimums for services server are appropriate for up to 2 clients with 5 or fewer concurrent users.

Ideal Configuration

- File Server and Services Server on same host
- Lucity Citizen Portal and/or Lucity Citizen Portal REST API on a server within a DMZ (for best security and to provide access to private citizens)
- Use Lucity REST API with SSL (for security) as it uses basic authentication
- Lucity Mobile Server should use SSL. It is not secure to deploy Lucity Mobile Server without SSL. Users of the Lucity Mobile application for iPad or iPhone must use SSL.
- Avoid same host for Services Server and Web Server (for performance)
- Lucity Identity Server is a required component for Lucity Web and Lucity Mobile Server. It is recommended to install Lucity Identity Server only once on any server hosting Lucity Mobile Server or Lucity Web. The Lucity Identity Server installation is automatically launched upon the completion of the Lucity Web and Lucity Mobile Server installs.

These recommendations are based on the simplest configuration with the best performance for a standard client and may not be appropriate for all clients. It's possible to put all software on one host if the server has enough drive space to satisfy all applications. It's also possible to use different hosts to meet all server requirements.

Please contact us to discuss any specific questions you may have.

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HARDWARE AND SOFTWARE RECOMMENDATIONS
Lucity 2016r2 for Oracle

Oracle 11g Server
Oracle 11g Client
Oracle 10g Server
Oracle 10gR2 Client with Latest ODP.NET patch (Client)
Oracle 9i, 10g (Server)

OPERATING SYSTEM AND SOFTWARE REQUIREMENTS

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Lucity Web User	✓	✓	✓					✓	✓		
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File Server				✓	✓	✓	✓				
Services Server				✓	✓	✓	✓	✓			
Database Server				✓	✓	✓	✓				
Web Servers [3]				✓	✓	✓	✓	✓			
GIS Web Server								✓			✓

[1] Does not include ArcGIS(R) requirements; please see Esri web site for more information. Applicable for ArcGIS Server(R) Enterprise Edition Standard or Advanced Versions only.
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Lucity Database Server	2 GHz	2,4[3]	4GB, 8GB[3]	10 GB Oracle	N/A
Lucity Web Server	2 GHz	2,4[3]	4GB, 8GB[3]	2 GB	N/A
Lucity Mobile Server	2 GHz	2,4[3]	4GB, 8GB[3]	2-20 GB[2]	N/A
Lucity REST API Server & Lucity Document Server	2 GHz	2,2[3]	2GB, 4GB[3]	1 GB	N/A
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[2] Lucity Mobile Server requires 1GB for core installation plus an additional 1GB per Lucity database.
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HARDWARE AND SOFTWARE RECOMMENDATIONS

Lucity Mobile and Lucity Mobile Work for Android

Version 2+ Lucity Mobile products are compatible with this release. Lucity 1.x Mobile products are compatible with Lucity 2015r2 and earlier.

LUCITY MOBILE 2.X

Android Tablet Requirements:

- Minimum required disk space for online use: 250MB
- Minimum operating system: Android 4.0.3
- Supported screen sizes: Large (640dp x 480dp) to XLarge (960dp x 720dp)
- 3G/4G or WIFI-only devices are all acceptable
- GPS
- Camera

LUCITY MOBILE OFFLINE 2.X

- Minimum required disk space: 2 to 3 times the offline cache size. This does not include GIS offline or tile cache requirements
- 2 GB minimum RAM
- 1.5GHz minimum processor

LUCITY MOBILE WORK ORDERS

Android Phone Requirements:

- Minimum required disk space: 50MB
- Minimum operating system: Android 2.2
- Supported screen sizes: Small (426dp x 320dp) to XLarge (960dp x 720dp)
- 3G/4G or WIFI-only devices are all acceptable
- GPS
- Camera

Android Tablet Recommendations

- Resolutions of 720 and greater are recommended. Lucity form designs are shared between the tablet and the web. Tablets smaller than 720 will require frequent scrolling right to left on the screen to see the full width of the form in landscape mode. A display of 960dp by 720dp will effectively show most Lucity forms in both landscape and portrait with minimal side to side scrolling.
- The quality of end user's experience will be directly proportional to the quality of tablet purchased.

Please contact us to discuss any specific questions you may have.

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HARDWARE AND SOFTWARE RECOMMENDATIONS
Lucity Mobile for iPad/iPhone

Version 2+ Lucity Mobile products are compatible with this release. Lucity 1.x Mobile products are compatible with Lucity 2015r2 and earlier.

LUCITY MOBILE 2.X

iOS Device Requirements:

- Online supports iPhone 5+, iPod Touch (5th generation)+, iPad Mini+, iPad (3rd generation), iPad Air+
- Offline supports iPad Mini 2+, iPad Air+
- Offline required disk space: 2 to 3 times the offline cache size. This does not include GIS offline or tile cache requirements.
- Minimum iOS version: 8.0
- 3G/4G or WiFi