



# XC2 Software - System Requirements

Rev. 2017-12-03

**IMPORTANT:** Using XC2 on a WAN: SEE INFORMATION BELOW

## System OS

### XC2 Server OS

#### Recommended:

Windows Server 2012r2/2016 (64bit)  
Intel® Xeon® E5-24xx processor (Or Better)  
8-16 GB memory (Or More)  
Large Memory Cache is Preferable

#### Minimum:

Windows Server 2008 R2 SP1 (not SP2)

**NOTE: VM/Virtual Server:** Dedicated Server is Recommended for larger systems  
Virtual Server (e.g. VMWare) may acceptable for most systems, however system performance may be an issue for larger systems.

### XC2 Workstation OS & DataSync Remote Laptops/TabletPCs

Windows 7, 8.1 or 10  
64bit OS  
Processor: **i5/i7 Recommended** (i3 - Bare Minimum)  
8GB RAM (**Recommended**) (4gb RAM - Minimum)

## Drive Configuration (Minimums)

### XC2 Server

Main Drive  
5x Data File Size (3x Data File Size – Free Space)  
This is in order to be able to make copies during updates  
Secondary Drive  
5x (Or More) Data File Size  
This is for the primary backups (3) from XC2 Server  
Your Data File Size  
Could be from 100mb to 50gb or more

### XC2 Client Workstations

Preferred Available Drive Space 10 GB

Minimum Available Drive Space -1 GB

### XC2 Single-User

Minimum Available Drive Space  
5x Data File Size (3x Data File Size – Free Space)

## XC2 System Requirements, continued

### Monitor

XC2 Server	Resolution <u>1920 x1080</u> (1280 x 800 minimum)
XC2 Workstations Laptops/TabletPCs	Resolution <u>1920 x1080</u> (1280 x 800 minimum)

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### Network: IMPORTANT: Using XC2 on a WAN: SEE INFORMATION BELOW

**Critical!** Recommended: 100BaseT/1000BaseT/Fiber  
**LAN IS REQUIRED**/Unless Fiber  
Recommended Latency must be less than 1ms  
Cellular Connections between XC2 Client and XC2 Server is NOT Adequate.

**Using XC2 on a WAN** **Not Recommended for XC2 Client/Server Connections**  
Must have minimum 20Mbps Consistent and Reliable Network Speed  
Less than 1ms latency for minimum acceptable performance.

Citrix or Remote Desktop Services is **Strongly Recommended** for WAN Client Server Connection Connections where latency or slow network speed might be an issue.

**XC2 Data File** **It is strongly recommended to have the XC2 Data Files located on a local drive to the XC2 Application**

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### Firewall **Important: See Note Below Re: Web Server**

**Ports to open** XC2 Server Firewall (Create Rules for both TCP and UDP)  
19813/19812/19814

Web Ports – Needed for Web Backflow Test Entry and DataSync XC2 Server Web Port (e.g. 80, 8080 or 8081, or your choice)

### **IMPORTANT-WEB SERVER INFORMATION – FIREWALL CONFIGURATION**

XC2 Server/Web Server is a business application and not a firewall.

We expect that XC2 will be running behind your firewall that is configured to block security issues such as DDOS attacks, Slow HTTP Headers, etc.

You will need to set up and configure your own firewall to handle these types of intrusions, such as Apache, NGINX, F5, or whatever your choice might be. XC2-WEB is not designed to handle these types of intrusions itself. XC2 Staff does not provide support for configuring your firewall or proxy web server.

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### Email Notice Setup

**Ports to open** SMTP Ports  
**(NOTE: McAfee may need configuring to not block email)**

SSL/TLS XC2 Client Workstations and XC2 Server  
Authentication If required – Setup in XC2 Setup area  
Must input credentials in XC2 Setup area