



Hardware Requirements for LabWatch IoT VPN

For LabWatch IoT VPN, the recommended minimum hardware requirements are:

Server/Workstation Requirements

- Server(s) must have local network access to all data sources
- Minimum 4 GB of Memory
- Minimum 5 GB of Disk Space (for Store and Forward Buffer)
- Operating System: Windows 2019, Windows 2016, Windows 2012/R2, Windows 2008, Windows 7 or Higher (32 or 64 bits), Windows XP. Regardless of the OS – the latest Windows patches should be applied
- Can be installed with other applications

SOFTWARE REQUIREMENTS

- .NET Framework 4 - To validate installation of v4, perform the following:
- On the Start menu, choose Run - In the Open box, enter regedit.exe. You must have administrative credentials to run regedit.exe
- In the Registry Editor, open the following subkey:
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\NET Framework Setup\NDP
- If .NET Framework 4 is not installed, it can be downloaded from the following location:

<https://www.microsoft.com/en-us/download/details.aspx?id=17718>

SECURITY AND ACCESS REQUIREMENTS

- Short term Connectivity to the On-Site Windows server for installation and configuration of the FCX Services:
- VPN with Local Account and Membership / Rights with enough privileges to install FCX services
- WebEx (Remote with local administrative support with Membership / rights with enough privileges to install FCX services)
- A Local or Domain Windows Login for Maintenance Access (RDP via the EdgeConneX tunnel) - Optional
- Remote desktop login rights
- Membership / rights with enough privileges to install FCX services



Connectivity to Cloud

- Requires “**OUTBOUND**” traffic allowed on ports TCP 443 and/or UDP 1194
- EdgeConneX FCXTunnel will use TCP 443 if UDP 1194 is not open
- EdgeConneX FCXTunnel will use UDP 1194 if available for higher throughput
- If outbound firewall is restricting the above port traffic, include the following URL OR the following IP in the “allow” rules:

Stream.fc3.app

184.73.204.225

- Once the above criteria have been met, Open Command Line and ping URL below to verify access and DNS resolution:

fcx2-stream.facilityconnex.com

Use of HTTP Proxy

- If using an HTTP Proxy, Notify Kaye with the following:
- Proxy IP Address and Port Number
- User Name and Password if using a Proxy with User Authentication

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