

CenterPoint IoT Solution

The CenterPoint IoT Solution requires internet access to properly send data from the machine to CenterLine's Portal. This document outlines the required access from an Information Technology perspective.

Internet Access

The CenterPoint EDGE device requires one-way outbound internet access, without exposure to inbound traffic. All communication is initiated by the EDGE device and does not require visibility on the internet. This includes firmware updates.

Web Link Access

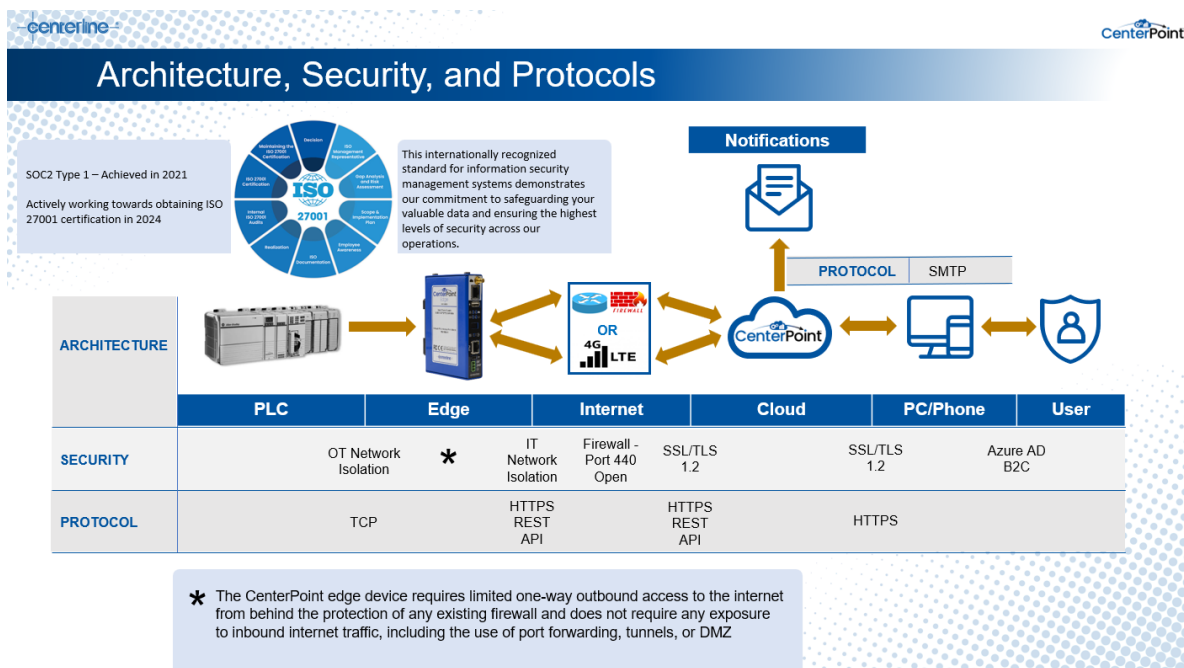
CenterPoint EDGE require access to the below endpoints. All traffic is using HTTPS web protocol (port 443 by default). The below endpoints are only accessible by CenterPoint EDGE devices and don't contain any content.

- <https://cliotingest1.servicebus.windows.net/>
- <https://cldataapi.azure-api.net/>
- <https://data.cntrline.com/>
- <https://pool.ntp.org/>

End users will need the access to navigate to the CenterPoint Web Portal which is accessible at the below link. Internal users authorized to view CenterPoint analytics data will require access to this website through any company internet restrictions on their web-enabled devices.

- <https://clportal.azurewebsites.net/>

Excerpt from CenterPoint marketing content:



Bandwidth and Network Utilization

Bandwidth utilization is dependent on the amount of time the equipment is actively in production.

For Example:

A FlexFast Machine with CenterPoint enabled typically produces:

- 1kB/min while **INACTIVE**
- 8kB/min while **ACTIVE**
 - Based on 12 hours of welding a day, a typical machine will produce around 7MB per day.

A High Speed Fastener System with 4 SoftMount Guns with CenterPoint enabled typically produces:

- 4kB/min while **INACTIVE**
- 16kB/min while **ACTIVE**
 - Base on 12 hours of welding a day, a typical HSFS will produce around 28MB per day.