

Changelog IT Security - Firewall Rules

Fronius International

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1 Disclaimer

TLS inspection in local network infrastructure or blocking access to any of the below listed connections could badly influence the functionality of the services (Solar.web, Remote Control, Remote Configuration, etc.) or could raise alerts on the user interfaces.

2 English

2.1 GEN24 Symo / GEN24 Primo / Tauro / Verto

Firewall Rules

- / provisioning.solarweb.com
 - / Tcp:443
 - / Device Provisioning Service (Updates, Solar.web)
- / sera-gen24.fronius.com
 - / Udp:1194
 - / Fronius Tech Support (Remote Access)
- / fronius-se-iot.azure-devices.net
 - / Tcp:443
 - / Tcp:8883
 - / Solar.web (realtime data, remote control, remote configuration)
- / fronius-se-iot-telemetry.azure-devices.net
 - / Tcp:443
 - / Tcp:8883
 - / Solar.web (realtime data, remote control, remote configuration)
- / fronius-se-iot-ne.azure-devices.net
 - / Tcp:443
 - / Tcp:8883
 - / Solar.web (realtime data, remote control, remote configuration)
- / froniusseiot.blob.core.windows.net
 - / Tcp:443
 - / Solar.web data, Support data (legacy)
- / device-fileuploads.solarweb.com
 - / Tcp:443
 - / Solar.web data, Support data
- / 0.time.fronius.com, 1.time.fronius.com, 2.time.fronius.com, 3.time.fronius.com
 - / Tcp:123
 - / Udp:123
 - / Time synchronization
- / cure-se.fronius.com
 - / Tcp:443

- / Device certificate updates
- / firmware-download.fronius.com
 - / Tcp:443
 - / Firmware Updates
- / fronius-se-iot-telemetry-ne.azure-devices.net
 - / Tcp:443
 - / Tcp:8883
 - / Solar.web (realtime data, remote control, remote configuration)
- / froniusseiotneprod.blob.core.windows.net
 - / Tcp:443
 - / Solar.web data, Support data (legacy)
- / froniussestflduploadprod.file.core.windows.net
 - / Tcp:443
 - / Solar.web data, Support data (legacy)
- / *.reco.fronius.com
 - / Udp:44000-44999
 - / Tcp:443
 - / Solar.web Remote Configuration

2.2 Symo / Primo / Eco / Symo Hybrid / Datamanager / Datamanager Box

Firewall Rules

- / device-fileuploads.solarweb.com
 - / Tcp:443
 - / Solar.web data, Support data
- / 0.time.fronius.com, 1.time.fronius.com, 2.time.fronius.com, 3.time.fronius.com
 - / Tcp:123
 - / Udp:123
 - / Time synchronization
- / froniuseiotneprod.blob.core.windows.net
 - / Tcp:443
 - / Solar.web data, Support data (legacy)
- / fdmp.solarweb.com
 - / Udp:49049
 - / Solar.web (realtime data), Support Data
- / fronius-se-iot-dm-1.azure-devices.net
 - / Tcp:443
 - / Tcp:8883
 - / Solar.web (realtime data, remote control)
- / fronius-se-iot-dm-1-telemetry.azure-devices.net
 - / Tcp:443
 - / Tcp:8883
 - / Solar.web (realtime data, remote control)
- / fronius-se-iot-dm-2.azure-devices.net
 - / Tcp:443
 - / Tcp:8883
 - / Solar.web (realtime data, remote control)
- / fronius-se-iot-dm-2-telemetry.azure-devices.net
 - / Tcp:443
 - / Tcp:8883
 - / Solar.web (realtime data, remote control)
- / froniuseiot.blob.core.windows.net
 - / Tcp:443
 - / Solar.web data, Support data (legacy)
- / provisioning-lite.solarweb.com
 - / Tcp:443
 - / Device Provisioning Service (Updates, Solar.web)
- / device-fileuploads-lite.solarweb.com

- / Tcp:443
- / Solar.web data, Support data
- / froniusestflduploadprod.file.core.windows.net
- / Tcp:443
- / Solar.web data, Support data (legacy)
- / www3.fronius.com (deprected)
- / Tcp:80
- / Firmware Updates
- / transfer.fronius.com (deprected)
- / Tcp:21
- / Firmware Updates
- / firmware-download.fronius.com
- / Tcp:443 (from 3.31.1-7 onwards this will be used)
- / Tcp:80 (legacy on Datamanager and Symo Hybrid)
- / Firmware Updates