

Network requirements

Firewall settings

The Tani software uses the following server ports

- Connection between the configuration software and the OPC or PLC Engine core: UDP and TCP port 2468
- OPC UA
 - TCP port 4840
 - Auto discovery: UDP port 5353
- OpcPipe: Often TCP port 4444
- MQTT: TCP port 1883

The Tani software can use the following client ports

- Connection between the configuration software and the OPC or PLC Engine core: UDP and TCP port 2468
- OPC UA: Depending on the configuration. Often TCP 4840
- Modbus TCP: Often TCP or UDP port 502
- Siemens: TCP port 102
- Rockwell: TCP port 44818
- BACnet: UDP port 47808
- Mitsubishi: Often TCP port 5002
- MySQL: TCP port 3306
- MsSql: Often TCP port 1433
- PostGres: TCP port 5432
- KNX: TCP or UDP port 3671

All of this are the default ports. With the only exception of Siemens port 102 the user can change all of this ports. The user can configure raw connections using any port.

If OSI/H1 is installed and licensed this will use OSI frames on the network.

Network ports for each process

- Graphical configuration client: UDP port 2468 as server and client, TCP port 2468 as client
- ConfigurationServer: UDP port 2468 as server and client, TCP port 2468 as server
- PlcEngine: Depending on the user configuration.