

# CA Certificate for HTTPS Web

Netman 208C Riello

## CA Certificate file

The CA Certificate file to upload in the browser/system is:

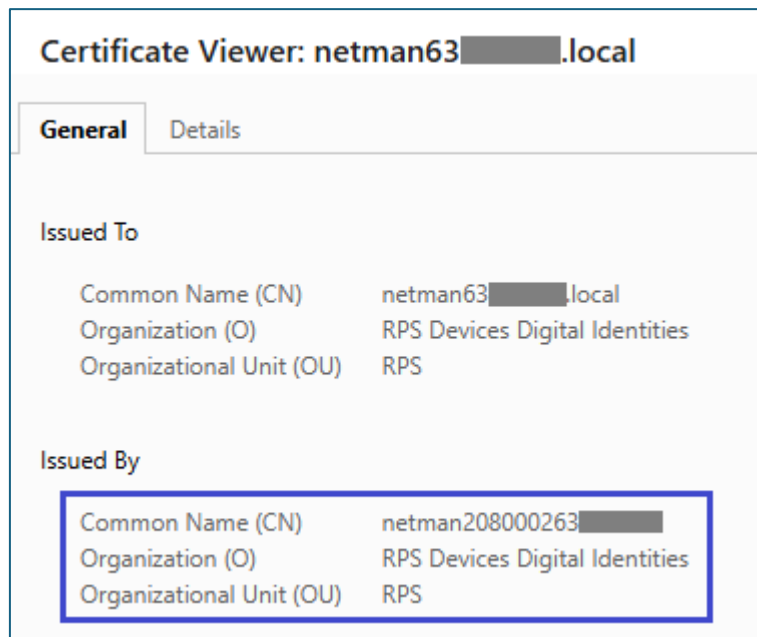
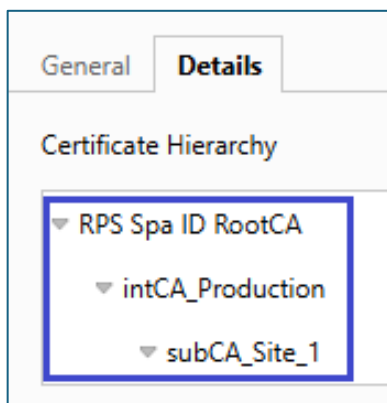
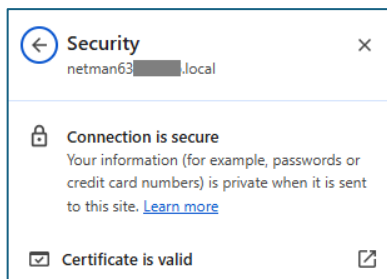
Netman208C\_HTTPS\_RIELLO\_CA.pem

It is provided in PEM format.

Once uploaded in each browser/system it allows the user to verify the HTTPS connection with **all** the Netman 208C Riello.

## The CA Certificate expected

After the CA certificate upload, the HTTPS connection will result valid and the correct Issuer expected is recognised as:



## CA Certificate: what is it?

In a HTTPS connection a certificate between the Web client (the user browser) and the device (Netman 208C Riello) is exchanged and must be trusted verifying the device with its hostname (eg. “**netman630a11b8.local**”, “**netmanprod**”, ...).

In basic usages the certificate is a simple *self-signed certificate* that must be trusted as-it-is every time the user connects to the device with HTTPS.

Netman 208C Riello, by default, provides its *internal HTTPS certificate* signed from a specific authority (CA). For the full HTTPS trust a specific CA certificate file (**Netman208C\_HTTPS\_RIELLO\_CA.pem**) can be uploaded in web browser (or system) for this verification. Once uploaded the CA file in each browser/system every HTTPS connection with **all** the Netman 208C Riello is fully verified.

## How to install CA certificate

Every browser/system can upload CA files in many different and specific ways. In case of issues with the CA upload please follow the documentation of the browser/system in use.

Here some instructions for common browsers:

### ■ Google Chrome:

Settings → Privacy and Security → Security → Manage Certificates → Manage imported certificates from Windows → Trusted Root Certification Authorities → Import...

### ■ Microsoft Edge:

Settings → Privacy, search and services → Security → Manage Certificates → Manage imported certificates from Windows → Trusted Root Certification Authorities → Import...

### ■ Mozilla Firefox:

Settings → Privacy & Security → View Certificates... → Authorities → Import ...

## Notes

- Anytime the user can upload in the Netman 208C Riello its *custom HTTPS + CA certificates* for that single Netman, avoiding the usage of its internal certificate (→ for detailed procedure refer to “*NetMan 208C User Manual*”, section “*HTTPS / HTTP*”).
- Please remember that secure HTTPS connection requires the *correct date/time* set both in the user client browser and the Netman 208C Riello device, otherwise some error with HTTPS connections may happen.