SteelX

INSTRUCTIONS FOR IT · DIGITAL SIGNATURE

Code signing certificate for the SteelX files

ISSUED BY	**Mater Dei Engenharia Ltda**, Brazil (CNPJ 61.958.436/0001-82)
FILE	`MaterDei_Root.cer`
THUMBPRINT (SHA-1)	`89 88 34 4D D2 8B BE 2E 96 D8 C8 64 B2 D9 7A 11 08 03 9C 9A`
VALID UNTIL	29 October 2036
PERMITTED USE	code signing only

1 What it is

All SteelX files (DLLs and .exe of the plugin, the macros and the AI connector) are digitally signed by Mater Dei Engenharia Ltda. The signature uses a certificate authority owned by Mater Dei, which Windows does not know by default. Without this certificate, the signature is shown with an untrusted root warning.

Once installed as a trusted root, Windows recognises the signature as valid and identifies Mater Dei as the publisher of the files.

> **Security.** The certificate is restricted to code signing (extended key usage `1.3.6.1.5.5.7.3.3`) and cannot create further authorities (path length constraint = 0). It is not accepted for websites (TLS), e-mail or any other purpose.

2 Check before installing

1. Double-click `MaterDei_Root.cer` and open the **Details** tab.
2. Compare the **Thumbprint**: it must match the table above.
3. If it does not match, do not install it and write to **support@steelxbim.com**.

3 Install on one computer

Requires an administrator account. Through the interface:

1. Double-click `MaterDei_Root.cer` → **Install Certificate**.
2. Store location: **Local Machine**.
3. **Place all certificates in the following store → Browse → Trusted Root Certification Authorities → Finish**.

Or from a Command Prompt run as administrator:

```
certutil -addstore -f Root "MaterDei_Root.cer"
```

4 Many computers (domain)

By Group Policy: **Computer Configuration** → **Policies** → **Windows Settings** → **Security Settings** → **Public Key Policies** → **Trusted Root Certification Authorities** → right-click → **Import** → `MaterDei_Root.cer`.

5 Check the result

1. Open the folder `%APPDATA%\Autodesk\ApplicationPlugins\SteelX.bundle\Contents\net8`.
2. Right-click `SteelX.dll` → **Properties** → **Digital Signatures** → **Details**.
3. The window should read **"This digital signature is OK"**, signed by Mater Dei Engenharia Ltda.

6 Where to find it and how to remove it

The SteelX installer copies this file and these instructions to `%APPDATA%\Autodesk\ApplicationPlugins\SteelX.bundle\Certificate`. They are also available at **steelxbim.com/en/certificate**. The installer does **not** install the certificate by itself: the decision is up to IT.

To remove it, from a Command Prompt run as administrator:

```
certutil -delstore Root 8988344DD28BBE2E96D8C864B2D97A1108039C9A
```

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