**Read Me First!**

Thank you for your purchase of the SCADA LVDAC‑EMS software. This software allows supervisory control and data acquisition (SCADA) over several LVDAC‑EMS stations. Please, install and configure the SCADA LVDAC‑EMS software as indicated in the present document before using it.

Installation and configuration of the SCADA LVDAC‑EMS Software

Procedure

1. Make sure that software LVDAC‑EMS (version 3.18 or later) is installed on each computer that you plan to use as an LVDAC‑EMS station.
2. Install the SCADA LVDAC‑EMS software on each computer that you plan to use as a SCADA LVDAC‑EMS station.
3. Connect the SCADA LVDAC‑EMS software license key into a USB port of one of the computers used as a SCADA LVDAC‑EMS station.
4. To allow each SCADA LVDAC‑EMS station to communicate with the different LVDAC‑EMS stations via the local area network (LAN), it is necessary to import the OPC‑server certificate file from each computer used as an LVDAC‑EMS station. To do so, perform the three steps below.
	1. On each computer used as an LVDAC‑EMS station, locate the OPC-server certificate file (*filename.cer*) and copy it to a USB key. By default, the OPC‑server certificate file is located in folder *C:\Program Files (x86)\Festo Didactic\LVDAC‑EMS\SCADA\Opc Server\Certificates*.
	2. Once the USB key contains the OPC‑server certificate files of all computers used as LVDAC‑EMS stations, copy all these files to folder *C:\Program Files (x86)\Festo Didactic\Scada LVDAC-EMS\Opc Server\Certificates* in each computer used as a SCADA LVDAC‑EMS station.
	3. On each computer used as a SCADA LVDAC‑EMS station, import the certificates in the Certificate Store by running file **ScadaImportCertificate.bat** located in folder *C:\Program Files (x86)\Festo Didactic\Scada LVDAC-EMS*.

Tips for using the SCADA LVDAC‑EMS software

**Tip 1**

To allow control and supervision of an LVDAC‑EMS station through the SCADA LVDAC‑EMS software, the LVDAC‑EMS station must be set for SCADA operation. This is done by selecting the SCADA option in software LVDAC‑EMS running at the LVDAC‑EMS station, as shown in the figure below.



**Tip 2**

Identifying computers used as LVDAC-EMS stations is a common action performed when using the SCADA LVDAC‑EMS software. The name of each of these computers is used in the SCADA LVDAC‑EMS software as a means of identification.

To find the name of a computer running under Microsoft Windows 7, please refer to the figure below.



To find the name of a computer running under Microsoft Windows 10, please refer to the figure below.

