

Requirements of the customer during the installation

v 1.3.1

EcoSync is able to maintain a competitive price point by tightly cooperating with the existing facility management team of the customer.

The actual physical installation and creation of the digital twin of the building is done by the facility management / maintenance team.

The help of the local IT department is needed at a point too.

Quick run through of the steps of installation:

1. **Facility management / maintenance** uploads floorplans, room names with room size (square metre) to the [EcoSync online system](#) (see “[Pre-install steps](#)” section of manual)
2. **Facility management / maintenance** in cooperation with **local IT** places the gateway in the centre of the middle floor of the building in an unobstructed location and enables unrestricted internet access (see “[Gateway Quick Startup Guide](#)” section)
3. **Facility management / maintenance** surveys the building with the radio strength tester device and ensures all areas with radiators have good connectivity to the gateway (see “[How to use a Field Test Device](#)” section of manual)
4. **Facility management / maintenance** goes into every room of the building and does these 4 quick steps (max 2 minutes / room) in each room.

We recommend **2 installation personnel** to complete the following steps with the following tools:

- internet connected handheld device with camera (Android / iOS)
- spanner
- pen magnet (provided in kit)

Steps:

- a. links the valve actuator to the room on a handheld device (ipad/tablet/smartphone) (see “[How to add new valves to floorplans](#)” section of manual)
- b. fits the valve actuator on the radiator (see “[Valve Actuator mounting and enabling](#)” section of manual)
- c. switches the radiator to operational mode with the pen magnet (shipped together with the valve actuators)
- d. places the smartphone thermostat QRs in the rooms (see “[Printing QR codes](#)” section”)