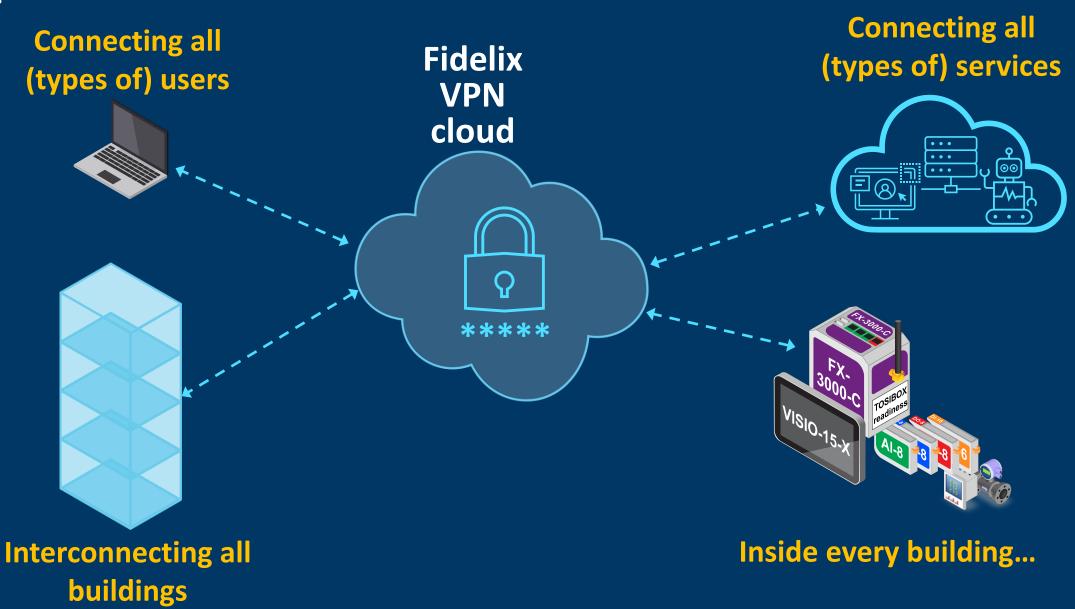
WWW.INFOPULSAS.LT / info@infopulsas.lt

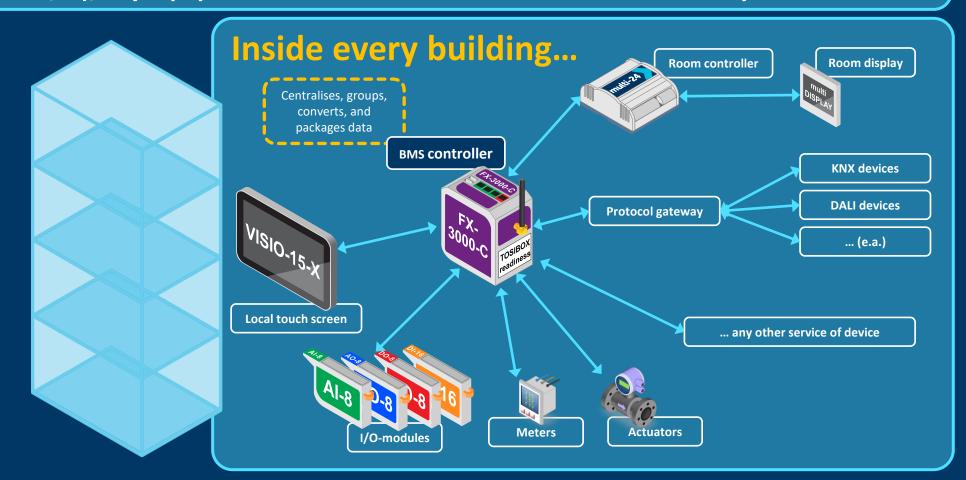
Fidelix connected building BMS architecture



Fidelix connected building BMS architecture

Inside each building, different controllers can directly manage and control the HVAC systems, measuring, metering, and other systems, or connect, centralise and visualise locally (the same as remotely) all services and systems running in the building.

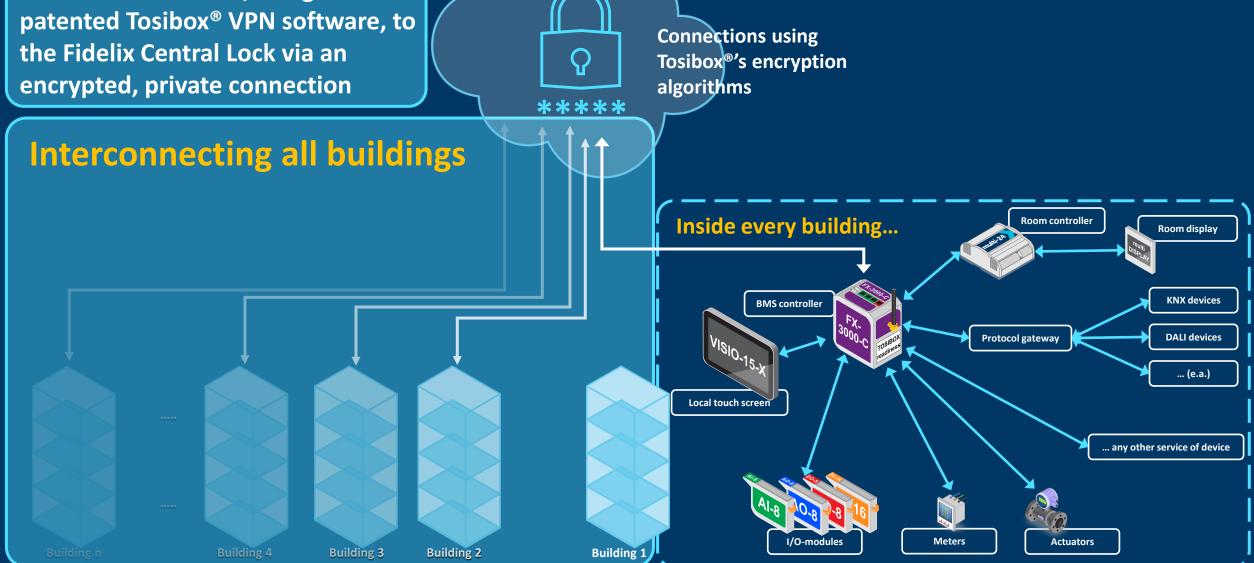
Using different open protocols natively (Modbus, BACnet, M-Bus), or other proprietary protocols through gateways (KNX, LON, Dali, CAN, ...), any equipment can be connected without the need for any licenses!

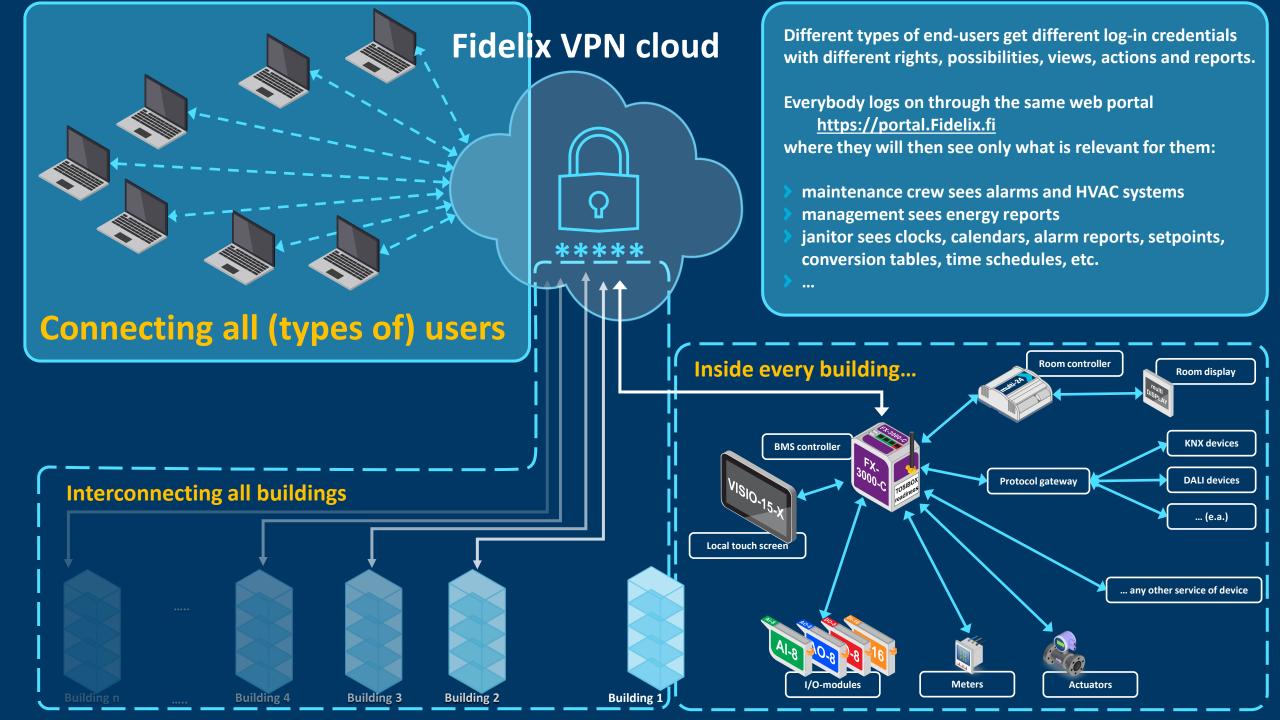


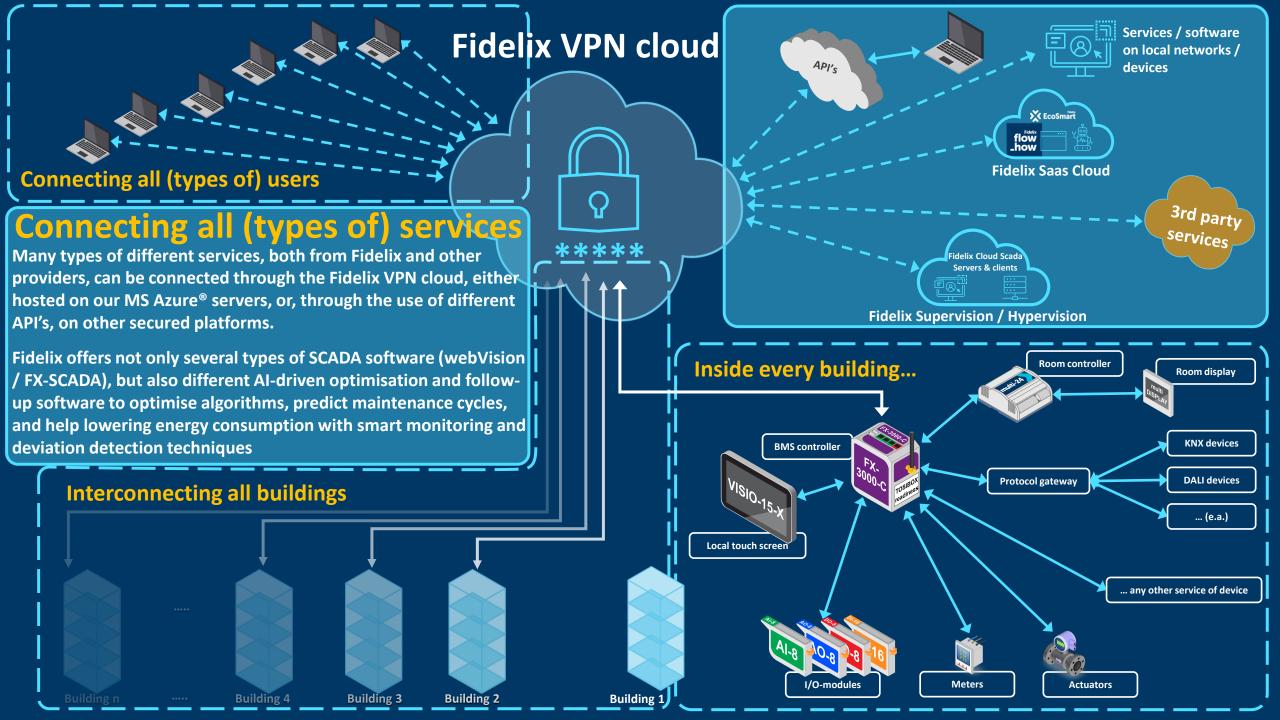
Fidelix VPN cloud

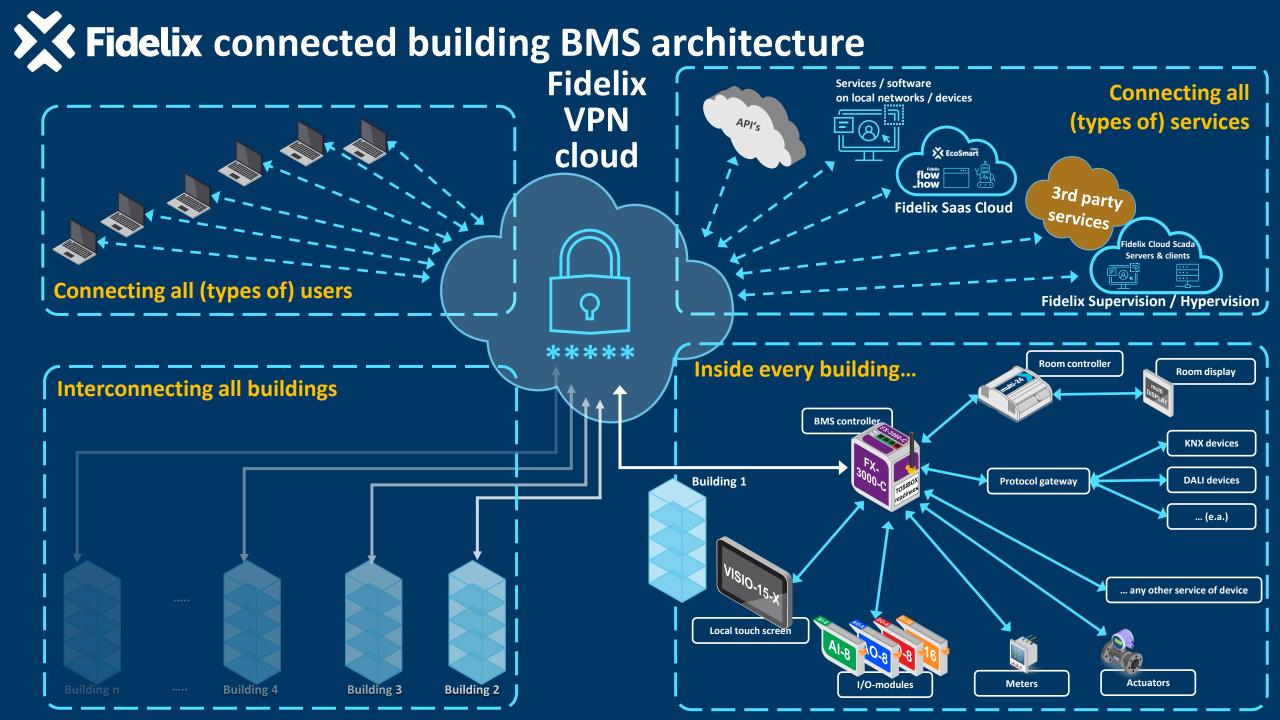
Each building connects through one central FX-controller, using built-in patented Tosibox® VPN software, to the Fidelix Central Lock via an encrypted, private connection





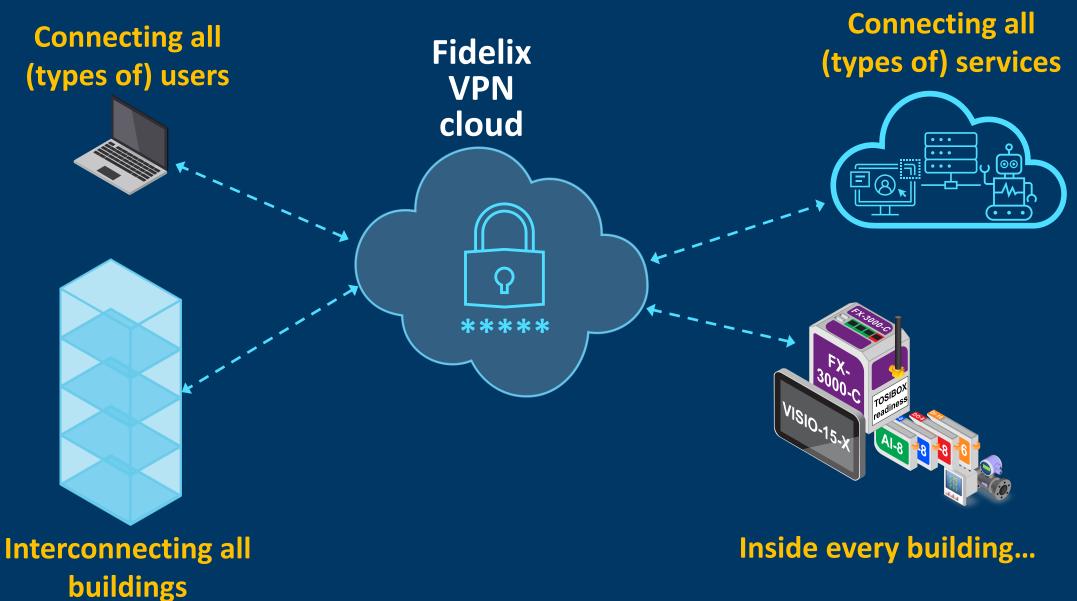


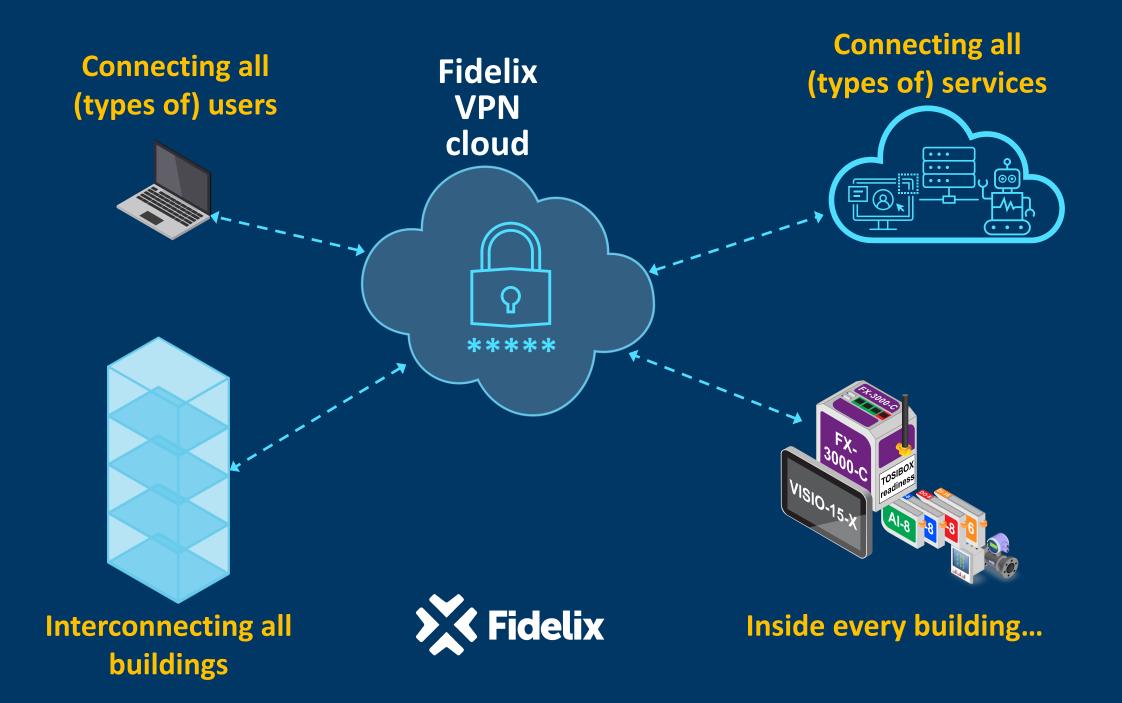






Fidelix connected building BMS architecture





Fidelix connected building BMS architecture

Fidelix's solutions are unique in the sense that:

- No licences, never!
- > Web interface for all levels of users, available on all devices
- Interconnectivity between different types of systems and services
- Each building and system can and will run independently even when using connectivity because of the decentralised logic; each controller runs independently and connects when possible
- Local alarms can be sent individually to local service providers or other stakeholders.
- > (SCADA) Server software combines and centralises data, makes energy and consumption reports.
- > Endless updating and expanding possibilities (backwards compatible +20 years and counting!)
- > Third-party integration possibilities
- > API's that can connect to other systems and services

Fidelix is itself a system integrator!

- We have hands-on experience with several local government entities throughout Finland
- > We have project implementation experience handling with a mixture of renovations, upgrades, new builds and coupling existing systems into one larger new whole
- **>** ...