



Synco living – the energy-efficient replacement for SYNERGYR

Customized individual room control with high energy saving potential and clear consumption data acquisition



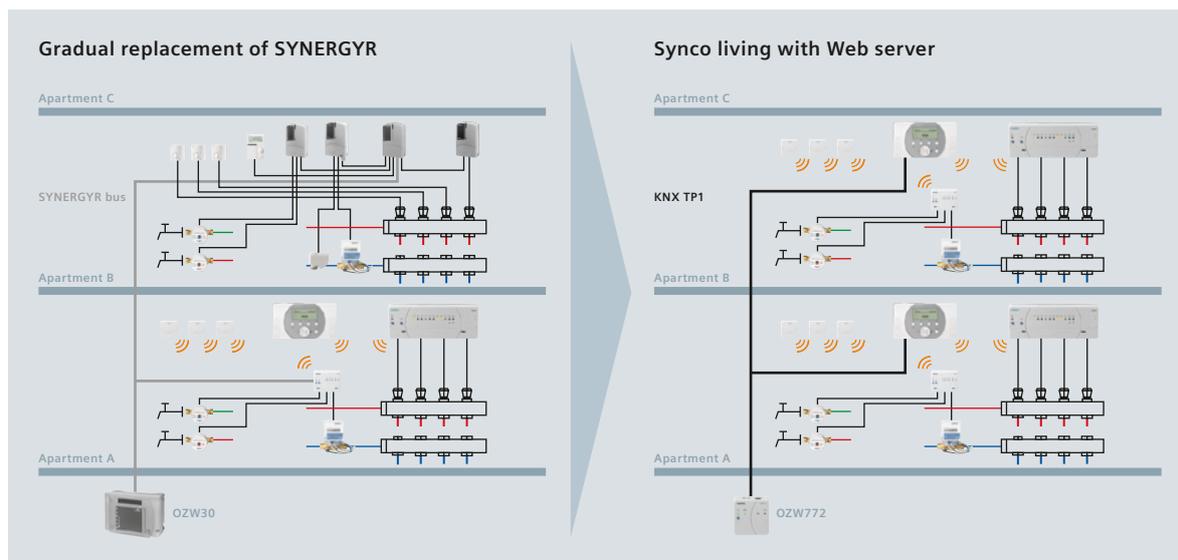
SYNERGYR systems can be replaced easily and on demand with Synco™ living. Building managers benefit from a convenient readout of all consumption data via the Internet – while tenants enjoy greater comfort and energy efficiency, thanks to individual room control with automatic and self-adaptive energy saving functions.

■ Synco living can do more

Synco living offers many advantages over the SYNERGYR systems, for example, on-demand individual room control via individually adjustable time-based programs and setpoints in each room. In addition, Synco living intelligently controls ventilation, lighting, and blinds. It monitors whether windows and doors are closed and simulates the presence of residents by means of light control. Smoke and water detectors can be integrated as well, and you can even read weather data from the central apartment unit. In addition, you can view consumption data (heating/cooling, hot/cold water, electricity, gas) and transfer the data via the Internet to the relevant service providers – periodically or on demand. This eliminates the need to read data on site.

■ Straightforward planning and installation

Because Synco living combines all home automation and consumption data acquisition in a single system, you have to plan only one system. Existing meters can be re-used. During installation, you also benefit from minimized cabling work because most components communicate by radio and operate using batteries. Commissioning with Synco living is also straightforward and fast. System components can be connected to the central apartment unit with plug and play technology, without needing additional tools. More durable and reliable devices ensure low maintenance, and all devices and applications have been tested comprehensively in Siemens' own HVAC laboratory.



SYNERGYR systems can be replaced with Synco living, apartment by apartment.

■ Gradual replacement of SYNERGYR made easy

Whether in a new building or during a modernization project, Synco living can be easily installed anywhere. In apartment buildings, for example, SYNERGYR can be replaced apartment by apartment utilizing the WRI982 consumption data interface and a Synco living central apartment unit. Two different central apartment units are available: QAX903 and QAX913. Both models display energy consumption in detail and control all HVAC functions. QAX913 offers additional functions including lighting and blind control and security and monitoring functions.

■ Convenient readout of consumption data via the Internet

After switching from SYNERGYR to Synco living, it is recommended to replace the OZW30 building unit with the OZW772 Web server. Consumption data can be sent periodically by e-mail and can also be viewed on the Internet at any time. This reduces administrative costs and facilitates billing. This is also the way that you will be informed about fault reports.

■ A "green" apartment with a future

Thanks to individual room control and intelligent, self-adaptive energy saving functions, Synco living reduces energy consumption by up to 30% – without sacrificing comfort. Synco living's high control accuracy (tolerance range ± 0.2 K) ensures a very constant, comfortable room temperature. This creates an important prerequisite for attaining efficiency class A. Therefore, replacing SYNERGYR with Synco living also secures the property's value – particularly in light of increasingly stringent energy directives. In short: Synco living is a future-proof and energy-saving investment.

Highlights

- Gradual replacement of SYNERGYR with Synco living – apartment by apartment
- Straightforward planning – only one system for home automation and consumption data acquisition
- Less cabling work required, thanks to wireless technology
- Fast commissioning with plug and play technology – no additional tools necessary
- Fewer administrative tasks, due to remote access via Web server
- Energy savings of up to 30% from intelligent energy saving functions

The information in this document contains general descriptions of technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract.

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