

Press release
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New partner Loxone: Miele appliances start automatically with solar power

- ▶ Intelligent energy management for washing and dishwashing
- ▶ Smart Home solution also for air conditioning, safety and convenience

Gütersloh, January 25, 2022. – Miele further promotes intelligent energy management for domestic appliances. With Loxone, Miele's new partner, washing machines, tumble dryers and dishwashers can be integrated into a versatile smart network so that they start automatically using 'home-grown' electricity from a rooftop PV array. By using green electricity, Miele customers can make their own contribution towards averting climate change and reducing energy costs. As a specialist in the field of building automation, Loxone even goes one step further and offers interconnected systems for greater convenience and security.

The principle of operation of energy management: Miele domestic appliances and other pieces of electrical equipment are connected to the centrepiece of the Loxone system, a mini-server. The user loads a washing machine, tumble dryer or dishwasher in the morning and then sets a time by which, for example, the laundry should be finished. The mini-server then coordinates the start of programmes on the Miele appliances and other equipment, depending on the surplus energy produced by the PV installation. If, during the course of the day, there is insufficient 'home-grown' electricity, the system switches to the grid. In all cases, the system ensures that green electricity is put to best use and loads are evenly distributed, which is preferable to feeding surplus energy into the utility's grid. All connectivity-enabled Miele appliances can be integrated into the scenario described above, whereby products such as washing machines, tumble dryers and dishwashers are predestined for inclusion as it is less important when they run: The time by which cycles should be finished is far more important.

Atmospheric lighting and security in the smart home

Home automation with Loxone covers further areas such as air conditioning, multimedia, wellness, security and lighting, whereby automation is to be taken literally as the system's logics know precisely what is to be done. Miele cooker hoods can be integrated into lighting scenarios for atmospheric ambient lighting. Safety is enhanced by a 'leaving home routine' where the system reminds the home owner that the hob is still switched on and even

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switches it off on leaving the premises. It is desirable, on the other hand, for a Scout RX 3 robotic vacuum cleaner only to set to work when occupants have left the building.

The installation and basic configuration of the Loxone system is always performed by an authorised electrician. Both wired and wireless networks are possible. Controls take the form of pushbuttons, a smartphone or a tablet PC. The mini-server can also be configured without any access to the Internet. When it comes to installation, the company cooperates with around 17,000 specialist partners from the electrical trade. Worldwide, the Loxone Group from the Austrian town of Kollerschlag already has more than 200,000 projects in more than 100 countries to its name.

With Loxone, Miele has attracted yet another strong partner in the field of smart home technology. Cooperation partners with their own connectivity platforms already include Busch-Jaeger/ABB with their free@home system, the Olisto app, Magenta SmartHome, Amazon Alexa and, in future, also Google Assistant.

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About Miele: Miele is the world's leading manufacturer of premium domestic appliances including cooking, baking and steam-cooking appliances, refrigeration products, coffee makers, dishwashers and laundry and floor care products. Their product portfolio also includes dishwashers, air purifiers, washing machines and tumble dryers for commercial use as well as washer-disinfectors and sterilisers for use in medical and laboratory applications (Miele Professional). Founded in 1899, the company has eight production plants in Germany, one each in Austria, the Czech Republic, China, Romania and Poland as well as two production plants belonging to its Italian medical technology subsidiary Steelco. Sales in the 2020 business year amounted to around € 4.5 bn (thereof 29.5% in Germany). Miele is represented with its own sales subsidiaries and via importers in almost 100 countries/regions. Throughout the world, the family-run enterprise, now in its fourth generation, employs a workforce of around 20,900, of which approx. 11,050 employees work in Germany. The company has its headquarters in Gütersloh in Westphalia.

There are two photographs with this text



Photo 1: Boosts a user's ecobalance and is economical in operation: Connecting Miele domestic appliances to a smart building automation system from Loxone ensures the optimum use of 'home-grown' solar power. (Photo: KB3-stock.adobe.com)



Photo 2: Miele dishwashers start automatically with solar power when connected to the Loxone Miniserver. (Photo: Miele)

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