



SMA Solar Technology AG – Press Release

SMA Elevates Monitoring and Control with Data Manager M

Powered by ennexOS, Data Manager M Provides Gateway to the Energy World of the Future

Niestetal, April 26, 2018 – As the world's leading provider of PV monitoring and energy management, SMA Solar Technology AG (SMA) is now taking its customers one step further into the digitalized energy world of the future. With the SMA Data Manager M, installers and operators of commercial PV systems can now use even more monitoring functions in the Sunny Portal powered by ennexOS while saving considerable time and costs. Additional monitoring and energy management functions across all sectors, such as heating, climate control, electricity and mobility, will be added gradually in regular releases.

The SMA Data Manager M, the successor to the tried and tested SMA Cluster Controller, ensures optimal communication, monitoring and in the future will also ensure control of all energy flows. The new user interface enables quick and easy commissioning, monitoring of up to 50 instead of the previously 25 devices (PV inverters, battery inverters, I/O systems and energy meters) as well as even simpler remote parameterization and maintenance of decentralized commercial PV systems via Sunny Portal powered by ennexOS. By providing satellite-based measured values, such as solar irradiation, outdoor temperature, cell temperature and wind speed, no additional measuring devices need to be installed in the system. As a result, PV system operators can assess the performance of all PV systems in their portfolio at a glance, and investors receive a neutral proof of performance.

"On the way to tomorrow's decentralized and digital energy supply, SMA is developing sustainable solutions that enable our customers around the world to use their energy independently, efficiently and flexibly while significantly reducing costs," explained Andreas Strusch, Platform Product Manager ennexOS at SMA. "As a central interface to Sunny Portal powered by ennexOS, the SMA Data Manager M is a key component for the intelligent energy management of SMA. It offers entirely new possibilities such as for data recording and analysis. The modular design allows for a gradual expansion of the integrated functions for new business models in the energy market of the future."

ennexOS from SMA is the only cross-sector platform for holistic, intelligent energy management. Energy flows can be sustainably optimized and energy costs significantly reduced by connecting various energy sectors, such as heating, climate control, electricity and mobility. The new monitoring and control functions with the Data Manager M will be available worldwide from May 7, 2018. You can find additional information at www.ennexOS.com.



About SMA

The SMA Group with sales of around €900 million in 2017 is a global leader for solar inverters, a key component of all PV plants. SMA offers a wide range of products and solutions that allow for high energy yields for residential and commercial PV systems and large-scale PV power plants. To increase PV self-consumption efficiently, SMA system technology can easily be combined with different battery technologies. Intelligent energy management and digital energy solutions, comprehensive services and operational management of PV power plants round off SMA's range. The company is headquartered in Niestetal, near Kassel, Germany, is represented in 20 countries and has more than 3,000 employees worldwide, including 500 working in Development. SMA's multi-award-winning technology is protected by more than 1,000 patents and utility models. Since 2008, the Group's parent company, SMA Solar Technology AG, has been listed on the Prime Standard of the Frankfurt Stock Exchange (S92) and is currently the only company in the solar industry that is listed in the TecDAX index.

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