

## speedikon group of companies adds Unitree Robotics robot dog to its portfolio

*Group of companies for software solutions in the fields of AI, digital twins, facility management and energy data management implement robot dog to optimize safety and monitoring processes in industrial environments.*



**Bensheim, Germany, June 4, 2024** – The technology portfolio of the German speedikon group of companies includes now a state-of-the-art robot dog from Chinese robot manufacturer Unitree Robotics. The robot dog sets new standards in the autonomous monitoring of buildings and facilities as well as the management of digital twins. The group of companies consists of the software manufacturer speedikon FM ([www.speedikonfm.com](http://www.speedikonfm.com)), the AI consulting firm Innomatik ([www.innomatik.com](http://www.innomatik.com)), the manufacturer of photorealistic digital twins Framence ([www.framence.com](http://www.framence.com)) and the software company for energy data management WiriTec ([www.wiritec.com](http://www.wiritec.com)). Three of the group's companies are involved in the project.

The special feature of the robot dog is its ability to find its way around new environments independently and without a prior training phase. This not only saves time and costs, but also significantly increases the efficiency and accuracy of asset monitoring processes. The photorealistic digital twin from Framence acts as a map for the robot dog. Innomatik is responsible for programming, image recognition, control and integration of artificial intelligence that enables the robot dog to act autonomously. At the same time, speedikon FM is integrating this advanced technology into its **C platform** – a solution on which all software applications of the speedikon group of companies are based. This ensures seamless integration into all of the group's systems.

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The use cases are extremely diverse. The robot dog can be used for perimeter surveillance, for example, as it can patrol the grounds and building surroundings independently. In the event of security breaches, it immediately triggers an alarm and informs the security control center. The robot dog is also used for data documentation by reading system data from various sensors and uploading it directly to the digital twin. In this way, the robot ensures an up-to-date and precise representation of the physical environment. Through regular tours, for example in the factory, the robot dog records the environment anew and thus continuously updates the digital twin with visual data. Thanks to its advanced sensors, the robot dog can also detect potential gas leaks and report them immediately. Especially for areas that can be dangerous or unpleasant for human staff, the robot dog offers significant added value in terms of employee safety.

“By integrating this robot dog into our portfolio, we are setting new standards for our customers' safety and monitoring processes,” explains Adrian Merkel, CEO of speedikon FM AG.

### **About speedikon FM AG**

speedikon FM AG is a pioneering software company that specializes in the digitalization of technical and commercial processes within buildings, data centers, and industrial plants. Since 1997, our company has been providing not just products, solutions, and technologies, but also a comprehensive range of services that empower our customers to optimize their asset-related business operations. Our team at speedikon FM AG possesses extensive expertise in handling vast amounts of data, complex databases, and seamless integration with existing software and hardware solutions. For additional information, please visit our website at [www.speedikonfm.com](http://www.speedikonfm.com).

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