Press Release

Symeo presents radar sensors at LogiMAT

Fail-safe and robust

Neubiberg, January 16, 2024 - Symeo will be presenting its sensor solutions at LogiMAT (March 19 - 21, 2024, Messe Stuttgart) at booth 8G65 of automation provider ABF GmbH. Symeo's maintenance-free and wear-free sensors are based on the patented LPR technology (Local Positioning Radar) and work absolutely reliable even in the event of vibrations, dirt, extreme dust formation, high levels of sunlight, fog or precipitation. The [LPR-1DHP-350](https://www.symeo.com/produkte/lpr-1dhp-350/) radar sensor, which has been entered for the "BEST PRODUCT LogiMAT 2024" competition, will be at the center of the trade fair presentation. With this particularly compact industrial radar system, Symeo is primarily aiming to replace laser or ultrasonic sensors, as these are sensitive to environmental influences.

With a size of just 90 x 90 x 35 mm, the LPR-1DHP-350 is ideal for installation in places where there was previously no room for a radar system. For example, the sensor is perfect for use in rail-bound transport systems and for other distance measurements at ranges of up to 100 meters with an accuracy of up to ±9 mm. The new LPR-1DHP-350 system also enables reliable positioning with radar in automated logistics and material flow solutions. The other Symeo sensor systems [LPR-1D24](https://www.symeo.com/produkte/lpr-1d24/) or [LPR-1DHP-291](https://www.symeo.com/produkte/lpr-1dhp-291/) have been a proven success for years in bulk goods logistics, the steel industry, seaports and container terminals worldwide. The partnership with ABF dates back to a major joint project for a steelworks in Brazil in 2010. ABF uses radar systems in conjunction with its *OneBase*®MFT forklift and crane guidance system, for example.

**Available image material**

The following printable images are available for download on the Internet:
<https://kk.htcm.de/press-releases/symeo/>

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| Image source: Symeo**Entered for "BEST PRODUCT LogiMAT 2024": the compact LPR-1DHP-350 radar sensor.**  | Image source: Symeo**Permanently maintenance-free and completely unaffected by dirt - these are decisive advantages of Symeo radar sensors.** |

**Symeo GmbH**

Symeo GmbH develops and markets products and solutions for precise, non-contact, maintenance-free position detection, distance measurement, and collision avoidance. Symeo GmbH’s products feature extremely robust designs to make them suitable for applications in harsh industrial environments.

Symeo GmbH’s LPR® locating technology offers a wireless and real-time capable measuring system that is ideally suited for industrial applications. Symeo has many years of experience in the development of cost-efficient and customer-specific industrial solutions on the basis of LPR® technology.

The company delivers standardized products and complete solutions to system integrators, original equipment manufacturers (OEMs), and end customers worldwide.

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