MOBOTIX NurseAssist Extended

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Kepler Vision Technologies and MOBOTIX expand their AI-powered solution to improve patient care in senior and care facilities

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The NurseAssist solution from Kepler Vision Technologies and MOBOTIX has received an important upgrade this week. The MOBOTIX c71 Smart Sensor now more accurately detects behavior abnormalities and improves accuracy that reduces false alarms. The NurseAssist sensors continue to remain GDPR and HIPAA compliant,which protects patient and resident privacy while ensuring their safety.

Following the successful launch of NurseAssist, the first joint solution from Kepler Vision Technologies and MOBOTIX in November 2023, the upgrade now extends the functions of the reliable fall detector, which can be used in hospitals, elderly care facilities or psychiatric clinics. False alarms can be reduced by 90 percent compared to conventional systems.

With the new software upgrade for the c71 Kepler Nurse Assist, the camera can now also recognize whether a patient is sitting or lying on the floor, whether they want to leave the room or enter the bathroom, and whether they are on the edge of the bed and need support or not. Additionally, it can be distinguished if a client has fallen on the floor or is sitting on the floor, and failures in recognizing the bed can be reported, for instance when a patient lift blocks the view.

MOBOTIX and Kepler Vision Technologies are two of the world's leading IT experts in the security and healthcare industry. Kepler Vision Technologies, a Dutch powerhouse in computer vision and machine learning, has extensive experience in healthcare and nursing, complemented by a deep understanding of AI in recognizing human activity. MOBOTIX has been active in healthcare for many years and has successfully delivered numerous HIPAA-compliant projects for hospitals, nursing homes and care facilities with its secure, robust yet intelligent and flexible video technology solutions.

Harro Stokman, CEO of Kepler Vision Technologies, says: "Since the Kepler NurseAssist technology was embedded into the MOBOTIX c71, we received plenty of requests from care homes for additional functionality. We listened carefully to the wishes of the care homes and joined forces to realize the required functionality, which is reflected in the upgrades to the camera presented today."

Thomas Lausten, CEO of MOBOTIX, comments: "Our joint solution is being used across Europe with great success and our c71 camera model including its Smart Sensor can only get better with every upgrade. The technology still has so much potential in the care sector and is a real game changer in many ways, enabling improved care and support for patients while easing the burden on staff. Together with Kepler, we offer a unique, data protection-compliant tool for optimizing care from a single source. The solution enables an immense improvement in day-to-day care and is easy to plan, configure and install thanks to its plug-and-play concept. The rapid commissioning, use and integration into existing nurse call systems make it easier for operators."

About Kepler Vision Technologies

Dutch company Kepler Vision Technologies uses artificial intelligence to take care of people's well-being, through recognition of human activities. Kepler Vision Technologies' mission is to solve staff shortage problems for care homes and hospitals by delivering the world's most reliable Artificial Intelligence solutions that look after patients' well-being. The exclusive rights to the Kepler Night Nurse software are protected internationally by 21 patents and several more pending patents. Furthermore, Kepler guarantees the security and privacy of the patient data it processes by complying with the ISO27001 and NEN7510 standards. Kepler is headquartered in Amsterdam and has 25 employees with expertise in Machine Learning, computer vision, and healthcare.