

# PRESS RELEASE

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### Successful Pilot with AI Image Recognition in Forensic Psychiatric Institution

The Pompekliniek, a forensic psychiatric clinic for men, has conducted a pilot project in collaboration with technology company Pegamento to enhance security using artificial intelligence. The need for this innovation arose after several escape incidents, where patients managed to flee despite the presence of fencing. These serious incidents highlighted the necessity for a more proactive and technologically advanced security approach.

The new AI security solution utilizes image recognition, where artificial intelligence continuously analyzes video footage to detect suspicious activity or abnormal behavior. Meanwhile, international interest in this innovative security system has also emerged.

The pilot was completed in mid-February 2024, and the forensic psychiatric institution is currently evaluating the results of the integrated AI image recognition system. The new security system is expected to significantly hinder escapes from the facility. The direct impetus for the development of this system was the escape of two patients in 2022 through a breach in the fencing.

The innovative system was developed by the Pompekliniek in Nijmegen in collaboration with service provider Pegamento, which specializes in AI and robotics. This represents a groundbreaking approach to security in forensic psychiatric clinics. What is certain is that AI can not only support security but also play a role in supervision within general psychiatric institutions and elderly care.

### Major Benefits of AI

The implementation of such technology presents both opportunities and challenges. For instance, ethical considerations arise regarding the use of AI in psychiatry or elderly care. Nevertheless, the advantages of this technology are too significant to ignore. AI offers immense potential for monitoring client behavior.

AI-analyzed video footage can be used to intervene proactively, preventing situations from escalating. In other words, AI can contribute to improving safety for both patients and staff in healthcare settings.

The new system at the Pompekliniek, for example, can generate immediate alerts even before any physical contact is made with the fencing. This enables security personnel to respond swiftly to potential threats.

### **International Interest in AI Security**

The implementation of the new AI solution at the Pompekliniek is not just a response to past security incidents but also a crucial step in better protecting both patients and staff. According to those involved, the strength of the new security solution lies in its proactive detection of potential threats, thereby enhancing overall safety within the institution.

This smart solution has also gained international attention. According to experts, two prisons in the United States, in particular, have expressed interest in adopting this modern, AI-driven security approach.

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### **Note for Editors**

For additional information or interview requests, please contact the Communications Department at Pegamento.

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He will be happy to provide further insights on the pilot and the application of AI image recognition in security.