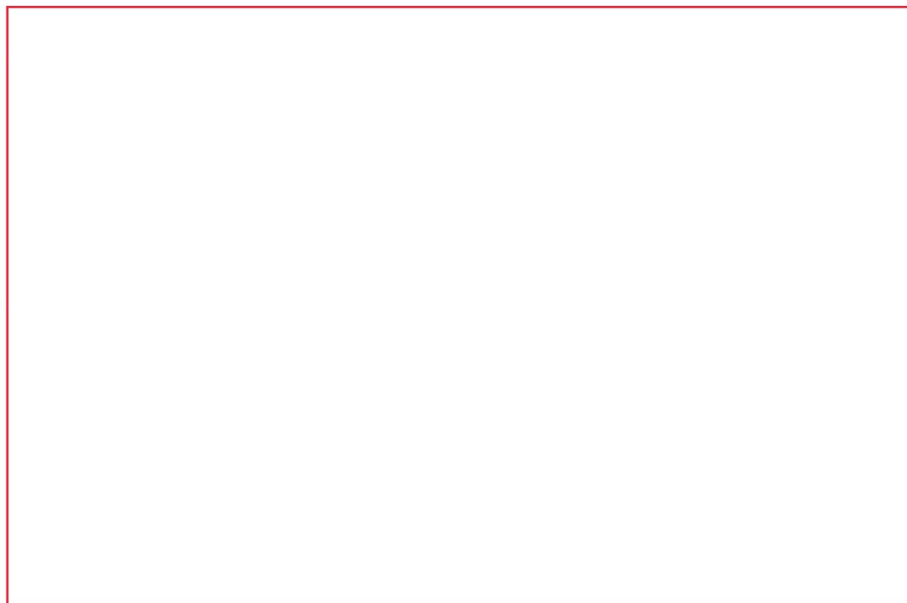*Aeronautica Militare*

Commissione Esaminatrice

Concorso straordinario, per titoli ed esami, per il reclutamento di 07 (sette) Sottotenenti in servizio permanente nel ruolo speciale del Corpo Sanitario Aeronautico

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Tesina Lingua Inglese N.7

Meet the AI-powered robot replacing humans as security guards in Switzerland

Euronews.com

By **Roselyne Min** with **Reuters** · Updated: 25/05/2023

Amid labour shortages and growing attention to safety, security companies around the world have been looking to deploy robots on patrol duty.

In Europe, people living in Switzerland have been seeing an autonomous two-wheeled robot roaming around the country for the past six months. The patrol bot, developed by a robotics start-up from ETH Zurich, Ascento, has been acting as a guard for Swiss security firm Securitas AG.

Ascento says its patrol robots have been providing an added layer of security and enhancing operational efficiency at several test sites, including a Swiss railway depot.

It has foldable "legs" and wheels as "feet". Its "head" houses the computer, battery, sensors, and cloud based-AI. "It can go over flat terrain, it can go over obstacles, it can even go [up] one or two steps and this is because we use wheels and legs," said Alessandro Morra, CEO and founder of Ascento.

Its thermal camera detects people and vehicles, while the 360° camera captures images of the surroundings. The robot can communicate via a live feed with a backup operator in a control centre.

"We chose to go for the security market because this is a place where it's really difficult to find people nowadays. They have to work long hours and they have to work in every weather conditions. We did this job ourselves and it's really brutal," Morra said. "We wanted to help and our robots are able to make the life of these guards a lot easier," he added.

The robots will be rented by the hour to complement a security company's human guard team in the future.