

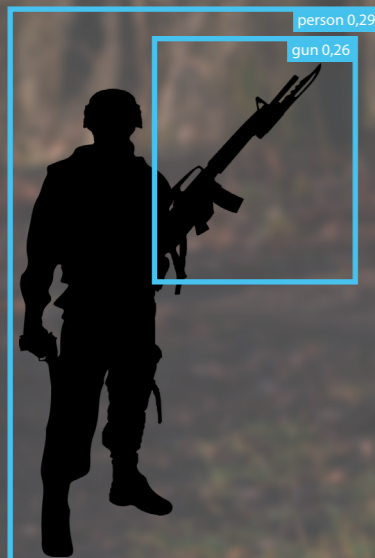
"Our company proactively responds to the problems that plague the military sector and armed forces. We are constantly trying to solve these issues with our guard and surveillance technologies simplify everyday processes and, above all, increase security and human safety."



Peter Mraz  
CEO

## Keep the borders and military areas safe!

MRAZ X is the world's first AI controlled guarding robot capable of identifying object in the air, on the ground and even hidden under the surface at once



## MRAZ X ARMED GUARD ROBOT



## ROBOTS THAT WORK FOR YOU.

### For a safer future!

Accomplish financially demanding tasks that are dangerous and time consuming, with a reliable technological device.

Our mission is to make your life easier with safer and more sustainable autonomous solutions. Mraz robotics and its subsidiary company Mraz defence have been making strides in the military sector, geology industry and for firefighting solutions. All our solutions involve experts from our clients' industries and have undergone rigorous testing and debugging, in order to bring you only the most reliable products.

### How it all started?

After the family member of the founder of the company passed away from radiation poisoning at a nuclear power plant, Mraz felt a calling to prevent future mishaps in other families. After many difficulties and many failures, Mraz robotics developed an autonomous solution - a robot that could handle routine work around the nuclear reactor without the need for direct human intervention.

Today in 2023, these solutions not only prevent similar event such as that fateful day in the nuclear power plant, but also in other high-risk situations. At Mraz companies are able to create a unique solution based on the specification and needs of customers to make increase safety standards and reduce the risk rate in the workplace!

## MRAZ X ARMED GUARD ROBOT

Mraz Robotics has created an excellent combination of diagnostic robot, ground-penetrating radar and artificial intelligence capable of utilizing neural network which brings autonomous armed guarding robot - Mraz X.

Surveillance, guarding borders, objects and possible intervention with unknown objects or people is simpler and safer with Mraz X technology. The robot autonomously monitors the predefined area and is able to recognize objects or persons intruding the area.

In the case of noticing an unknown person in the vicinity, the mobile robot sends a notification about the exact location and the recorded event to the operator, who can take over manual control of the robot and using the built-in microphone prompt the person to leave the area, while the operator is not forced to leave the surveillance center.

With Mraz X, the human factor is kept at a safe distance from risk events in the surveillance center, but is able to manually control the device, which provides the same or better informative control and guarding performances as if it were performed by a human.

Robot is capable of locating subsurface materials and objects. Ground and air scanning is processed with multiple sensors and cameras. This new robotic solution is capable of identifying anomalies such as underground tunnels, non-identified flying object, non-identified persons, emerging infrastructure damage, damaged cables. Notifications are transmitted across any distance and to any platform. Operation can be even watched online by several users. The robot works autonomously without the need for human intervention.

MRAZ X is a perfect solution for military sector because it operates on difficult terrains and overcomes obstacles. It is capable of scaling inclines of up to 30 degrees and operates on decline surfaces. Device is powered by an easily replaceable battery that allows operation time up to 12 hours. The robot is able to charge autonomously or battery can be replaced manually in less than one minute.

You will find us in hall 10, stand C07.



NOTHING STAYS HIDDEN



+421 903 472 151  
sales@mrazdefence.com  
www.mrazdefence.com

