Telefónica Tech

Helping our customers to embrace the next *digital wave* securely

The Factory of the Future
Cyber Security for Robots

"There are currently >2.7 MILLION ROBOTS working across the world" ***

In the Factory of the Future, everything will be connected, including robotic systems – meaning the potential for cyber attacks will be even more present.

Robots will continue to work side by side humans more and more in the future. They will also participate in day-to-day tasks in our homes and perform critical tasks such as surgical operations, therefore preventing any cyber attacks is crucial to ensuring safety and avoiding incidents.

Cyber Security for Robots also aims to mitigate potentially large economic losses due to production stoppages caused by a cyber attack or threat.

"Attacks on industrial environments in these sectors could have serious consequences, including operational failure, physical damage, environmental harm and injury or loss of life." *

Our OT&IoT Security Value Proposition

Proprietary Technology and Cyber Intelligence

León	Valencia	Munich
OT Security Innovation Lab	IoT Sec & GRC Innovation Lab	Cyber Security 4 Robots Lab

Differentiated Value Proposition

OT Excellence SOCs

Resilient Factory of the Future

Our heritage as one of the largest telecommunication providers in the world

Focused P&S Portfolio

OT Security

IoT Security

Our Cyber Security for *robots laboratory*

Our Technology:

Cyber security solution specifically designed to protect and secure robotic end points from third party attacks.

Telefónica Tech and Alias Robotics, a company specialising in cyber security for robots, have created a laboratory dedicated exclusively to innovation in cyber security for robots.
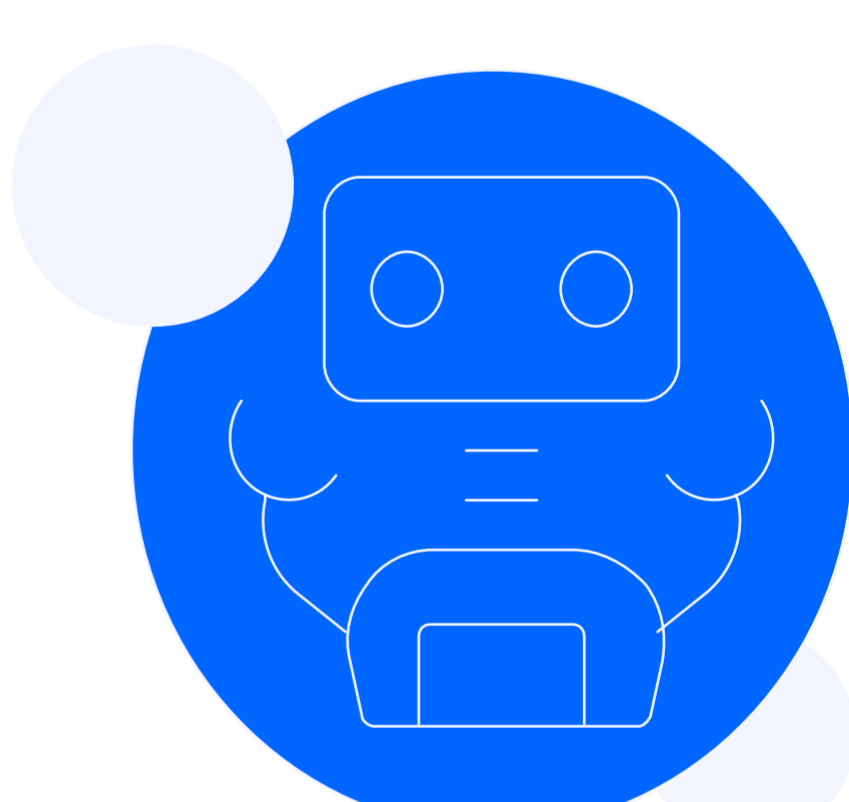
Located at the Wayra Innovation Hub in Munich.

The lab features a variety of robots that are widely used in industry, such as collaborative robots - which interact directly with workers, conventional industrial robots and mobile robotic platforms.

Working together to pioneer the field of cyber security for robots and protect customers against possible cyber attacks.

Lab Offering:

> **World first cyber security for robots laboratory**

> **Testing facilities for customers**

> **Space for research**

> **Meeting point for different stakeholders**

Telefónica Tech

We unlock the power of **integrated technology**, bringing together a unique combination of the **best people**, with the **best tech** and the best platforms, supported by a dynamic partner ecosystem, to make a real difference to **our customers, every day**.

We're here to help.

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