MSCA STAFF EXCHANGES

TESTIMONIAL

ALIAS ROBOTICS

Robot Cybersecurity

RESPECT

This project has received funding from the European Union's Horizon 2020 Research and innovation programme under Grant Agreement n°101007673

CONTACT US
OUR LOCATIONS

SECURIOT
NORDICS

Alias Robotics
SPAIN

Alias Robotics
USA (2020-2021)

TELEFONICA TECH
GLOBAL VAR

TBA
APAC

Alias Robotics, Wayra
GERMANY

RESPECT

OUR JOURNEY

BIRTH OF
ALIAS ROBOTICS

PRIOR EXITS &
ROBOTICS BACKGROUND

Clients Services
EUROPE

Clients Services
USA

PUBLIC
AWARENESS

Clients Services
APAC

MITRE
CNA

RESPECT

GLOBAL
AGREEMENTS

RESPECT

NEW SECURITY REGULATIONS ANNOUNCED

ADVENT OF CYBERSECURITY NORMS

2018 | 2019 | 2020 | 2021 | 2022 | 2023

ACHIEVEMENTS

2018
SOUTH SUMMIT WINNER
Among the 100 best startups in the world

2019
MARKET LEADERS
According to 4 market Studies

2020
CVE NUMBERING AUTHORITY (CNA)
Recognized as the only Spanish CNA, together with Incibe.

2021
QUALITY INNOVATION AWARD
International winner in the category "Innovation in SMEs".

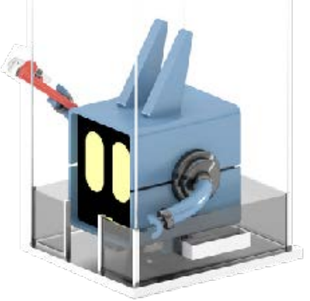
2022
GLOBAL ACCOUNTS
(PHARMA, AUTOMOTIVE)

RESPECT

MOBILE ROBOTS

WIRELESS CONNECTIVITY BRINGS NEW OPPORTUNITIES, BUT ALSO NEW RISKS

LEADING
CPS SECURITY



1200+

CPS
VULNERABILITIES

10+

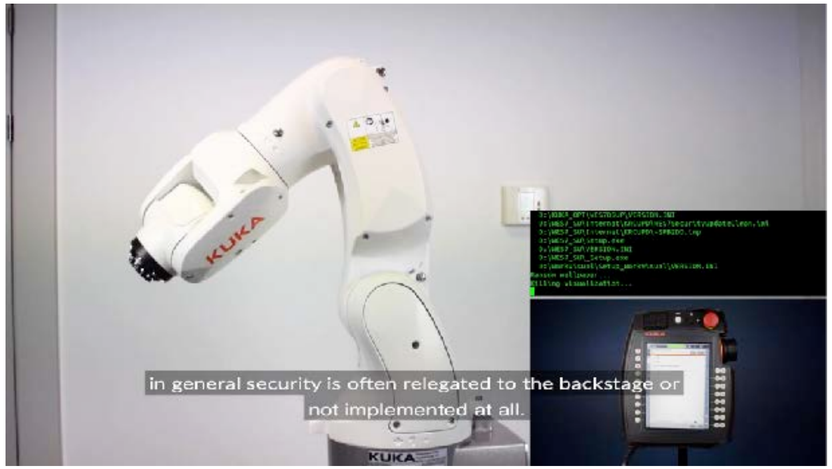
MARKET STUDIES
POINT US AS MARKET LEADERS

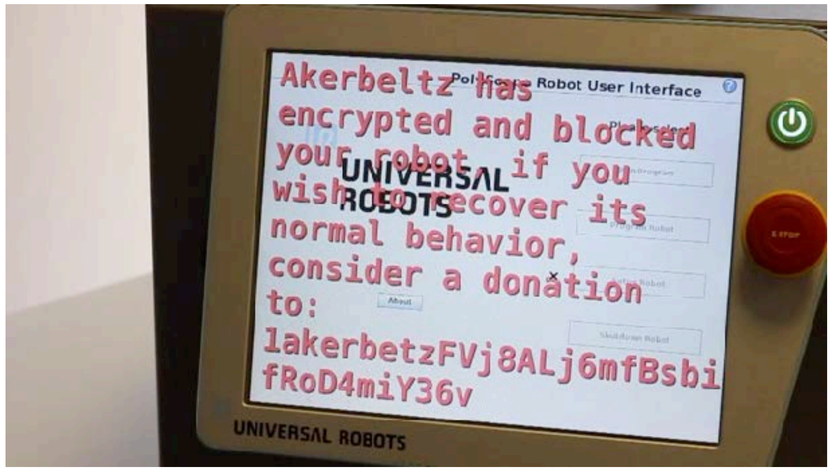
20+

PIECES
OF RESEARCH

RESPECT

ONLY SAFE IF SECURE





RESPECT

RESPECT PROJECT

CONSORTIUM
MEMBERS (11)

https://www.project-respect.eu/

PROJECT OBJECTIVES

Secure and Privacy-preserving Indoor Robotics for Healthcare Environments

RESPECT

RESPECT project objective is to create a sustainable European and inter-sectoral network of organisations working on a joint research programme aiming to design and develop concrete defense strategies to ensure secure, safe, resilient and privacy-preserving operation of indoor mobile robotics solutions for logistic applications in healthcare environments.

Specifically the main research objectives of the project are:

(i) Explore and identify system-specific cyber-physical weaknesses posing security, privacy, and safety threats, in autonomous mobile robots operating in a healthcare environment;

(ii) Analyse surfaced vulnerability issues in conjunction with projected threats and propose defence measures and mitigation strategies towards safeguarding mobile robots operation.

(iii) Define and standardize a minimal set of vulnerability testing procedures and guidelines leveraging and extending the Robot Vulnerability Scoring System for safe and autonomous robotic fleet management in a “safety-critical setting”.

The project is being implemented through staff exchanges among different organizations with complementary expertise in cybersecurity, healthcare, cloud computing and robotics from 5 countries across EU promoting transfer of knowledge between industry and academia.

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Secure and Privacy-preserving Indoor Robotics for Healthcare Environments

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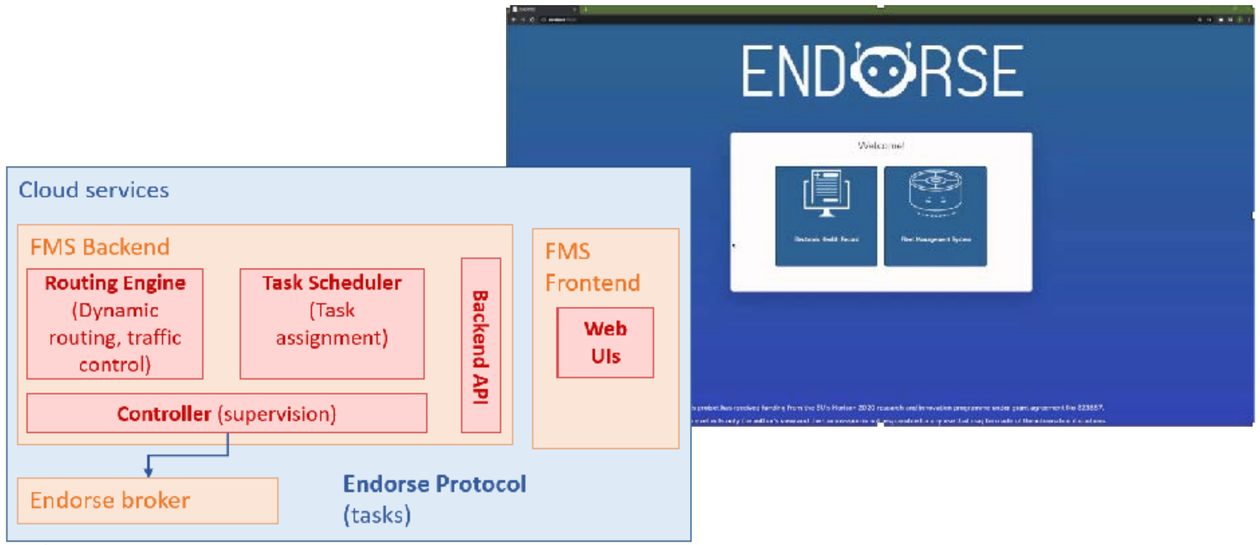
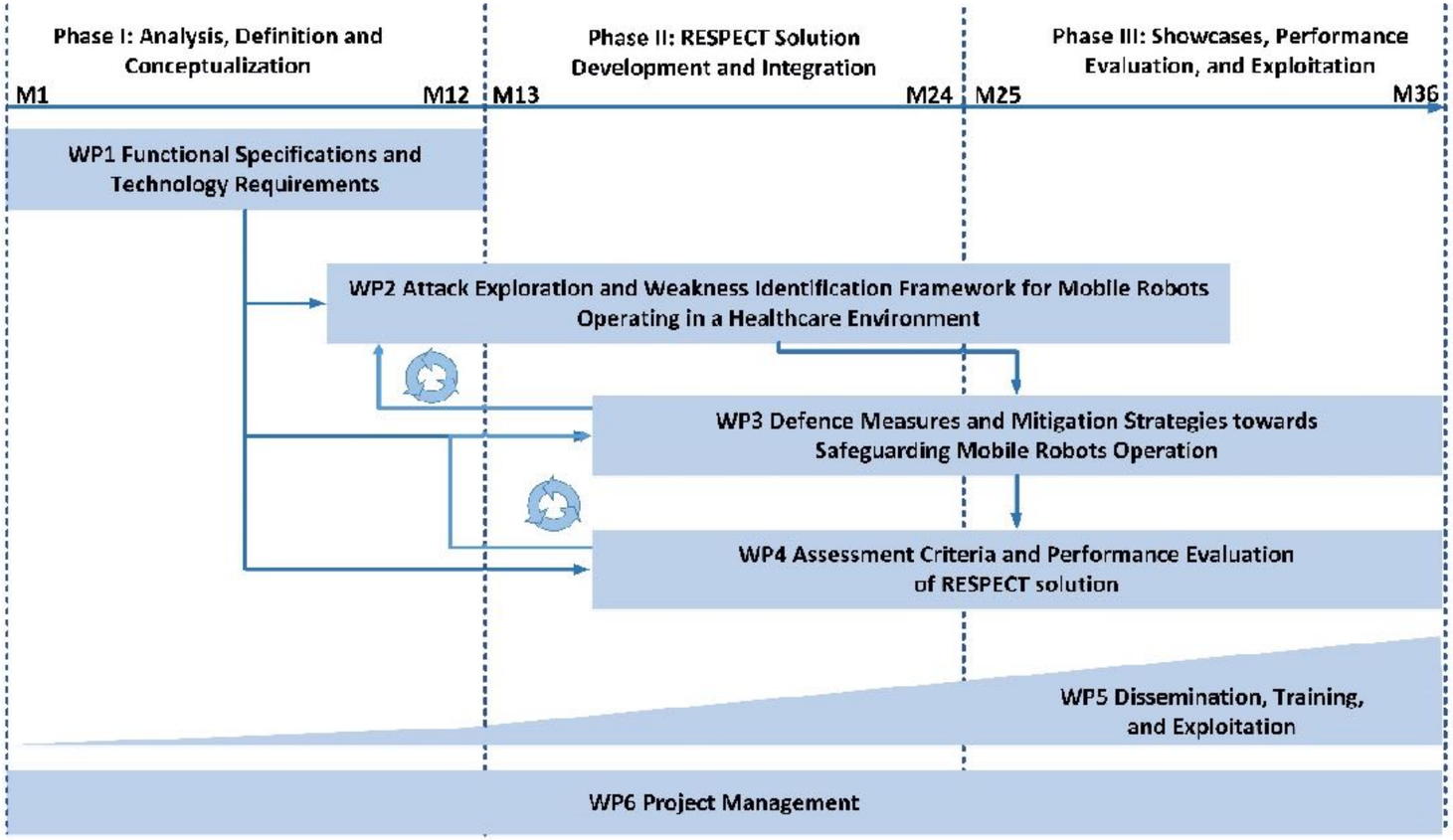


RESPECT

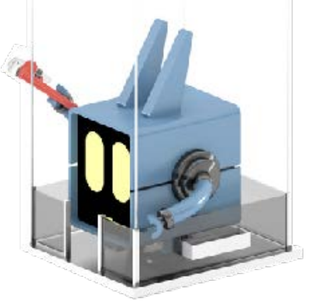
TIMELINE
WORK PACKAGES

Secure and Privacy-preserving Indoor Robotics for Healthcare Environments



RESPECT

SUCCESS STORY (I)



PROFESSIONAL PROFILE
EXPERIENCED RESEARCHER (ROBOTICIST)

HOSTING
ORGANIZATION

UNIVERSITE D'ORLEANS

FOCUS
WP 4 ASSESSMENT CRITERIA AND EVALUATION FRAMEWORK

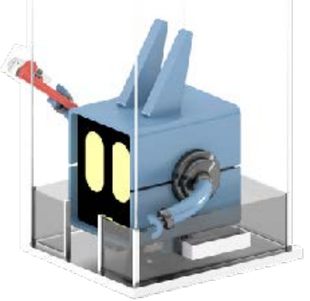
EU-MDR

THE TESTIMONIAL

Participating RESPECT has provided me with **an immersive experience in the academic world**, exposing me to the latest r**esearch methodologies, cutting-edge technologies, and innovative approaches to problem-solving**. The interactions with fellow researchers like Doctor NR have been **intellectually stimulating**. These exchanges have also broaden **connections with researchers** from around the EU, which will undoubtedly facilitate future collaborations and research endeavours and improve future delivery at my company.

RESPECT

SUCCESS STORY (II)



PROFESSIONAL PROFILE

EARLY STAGE RESEARCHER (OT SECURITY SPECIALIST)

HOSTING

ORGANIZATION

UNIVERSITE D'ORLEANS

FOCUS

WP 4 ASSESSMENT CRITERIA AND EVALUATION FRAMEWORK

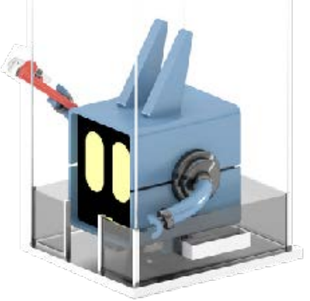
ROS
Robot Operating System

THE TESTIMONIAL

I value lots the experience I have had delving into **ROS applied to healthcare mobile robots** (where I worked on evaluating the impact of several vulnerabilities) which complements my expertise in OT (industrial) cybersecurity. **Practical access to top european robot tech and access to dedicated research infrastructure** will allow me to **apply knowledge to my company and my future career development.** Furthermore, I had the occasion to cooperate with other ongoing PhD candidates and make a contribution to their work from my professional background.

RESPECT

KEY BENEFITS



INCREASED
COMPETITIVENESS

NEW MARKETS
MEDICAL ROBOTICS

LOWER
ONBOARDING CURVE

NETWORK
AT EUROPEAN LEVEL

https://www.project-respect.eu/

https://www.linkedin.com/company/respectprojecteu/

RESPECT

THANK YOU

ALIAS ROBOTICS
Robot Cybersecurity

www.**aliasrobotics**.com

endika@aliasrobotics.com