

A close-up photograph showing a human hand in a white lab coat sleeve holding a white robotic hand. The robotic hand has multiple joints and a textured surface. The background is dark and out of focus.

**WE EMPOWER
HUMANITY WITH
TECHNOLOGY**



OUTLINE

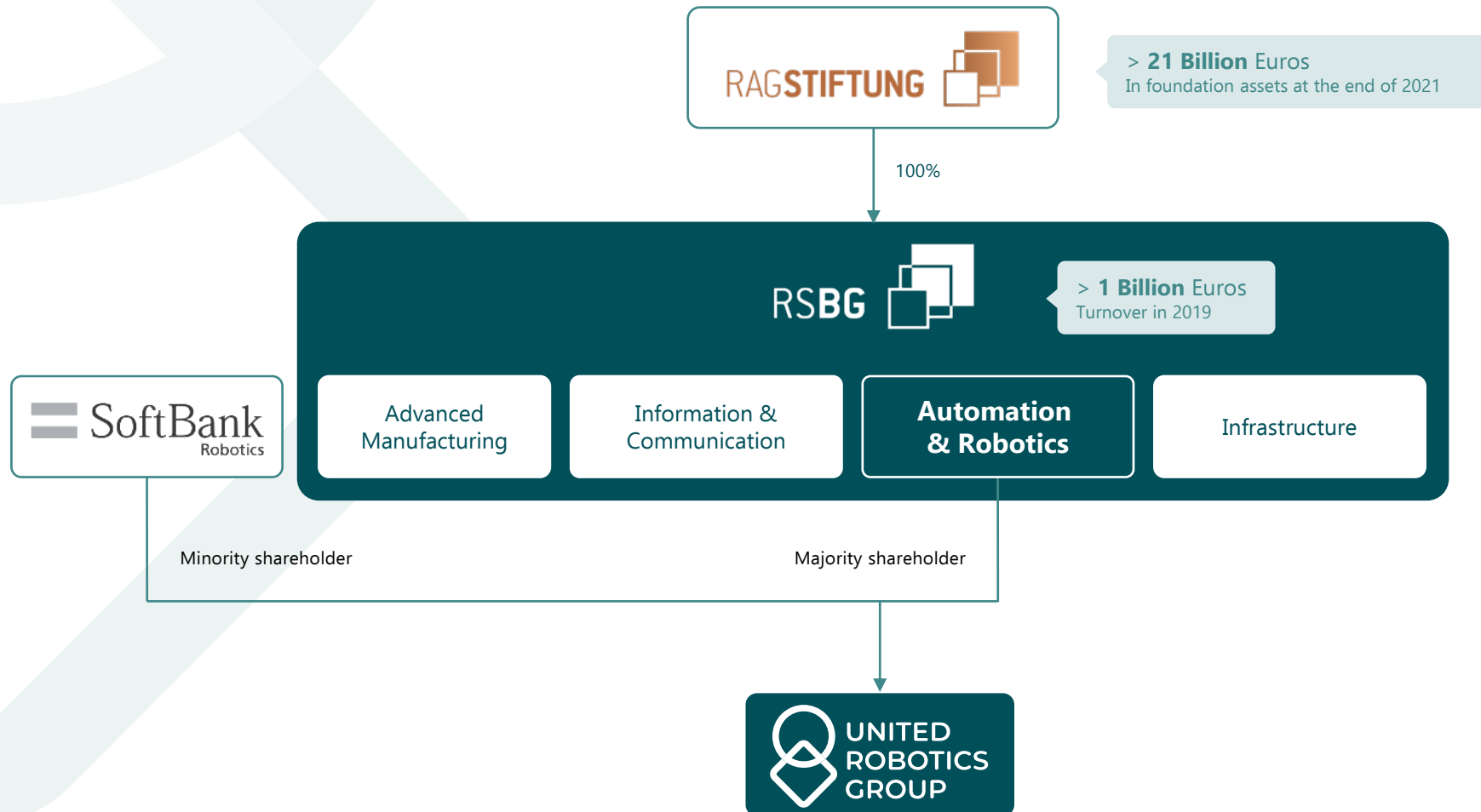
- **UNITED ROBOTICS GROUP – INTRO & COBIOTX**
- **NAO**
- **CONTACT**



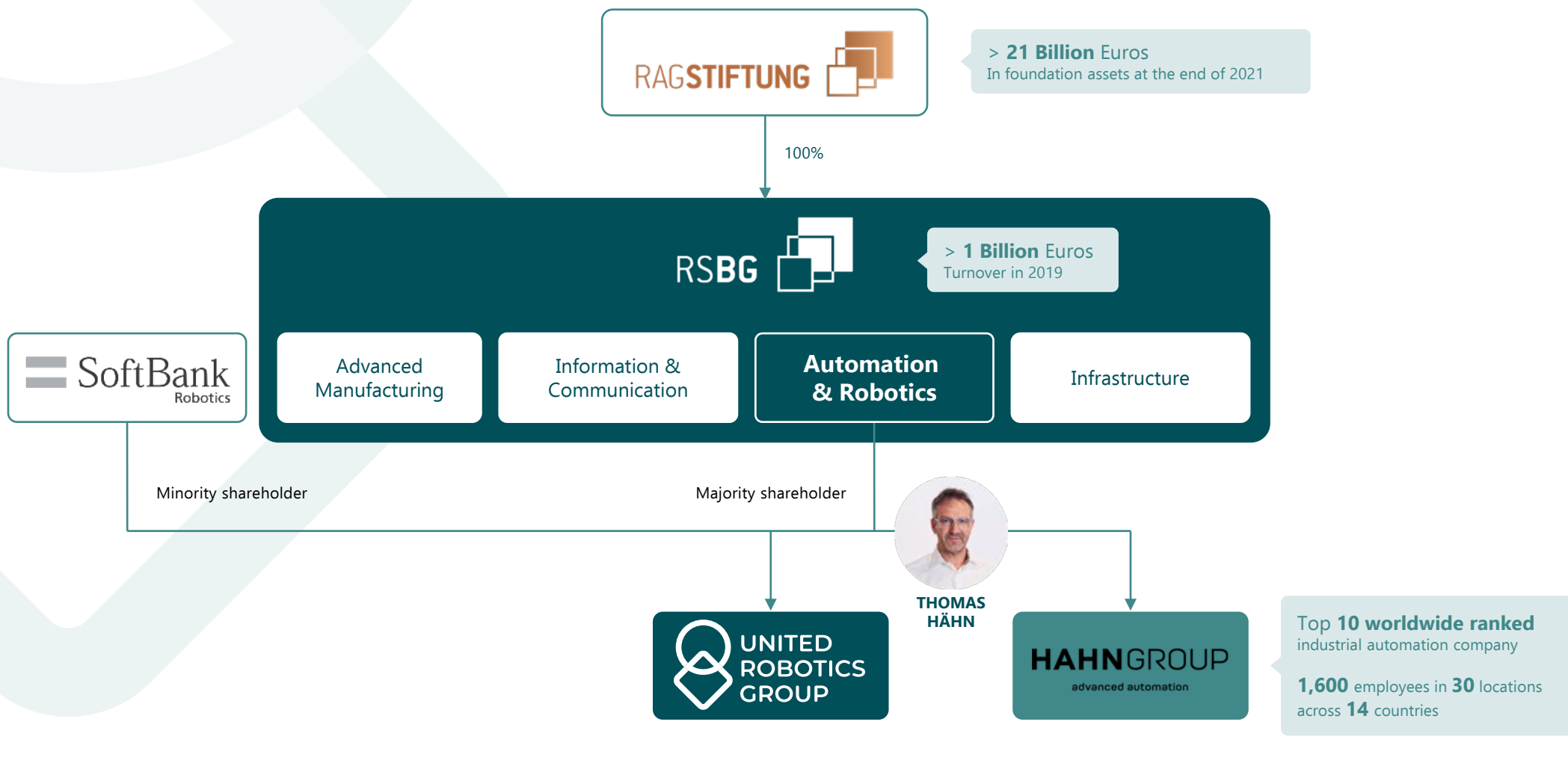
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UNITED ROBOTICS GROUP, WE COME FROM A RECOGNIZED & VISIONARY FUND: RAG STIFTUNG, AND WE ARE PART OF RSBG AUTOMATION & ROBOTICS.

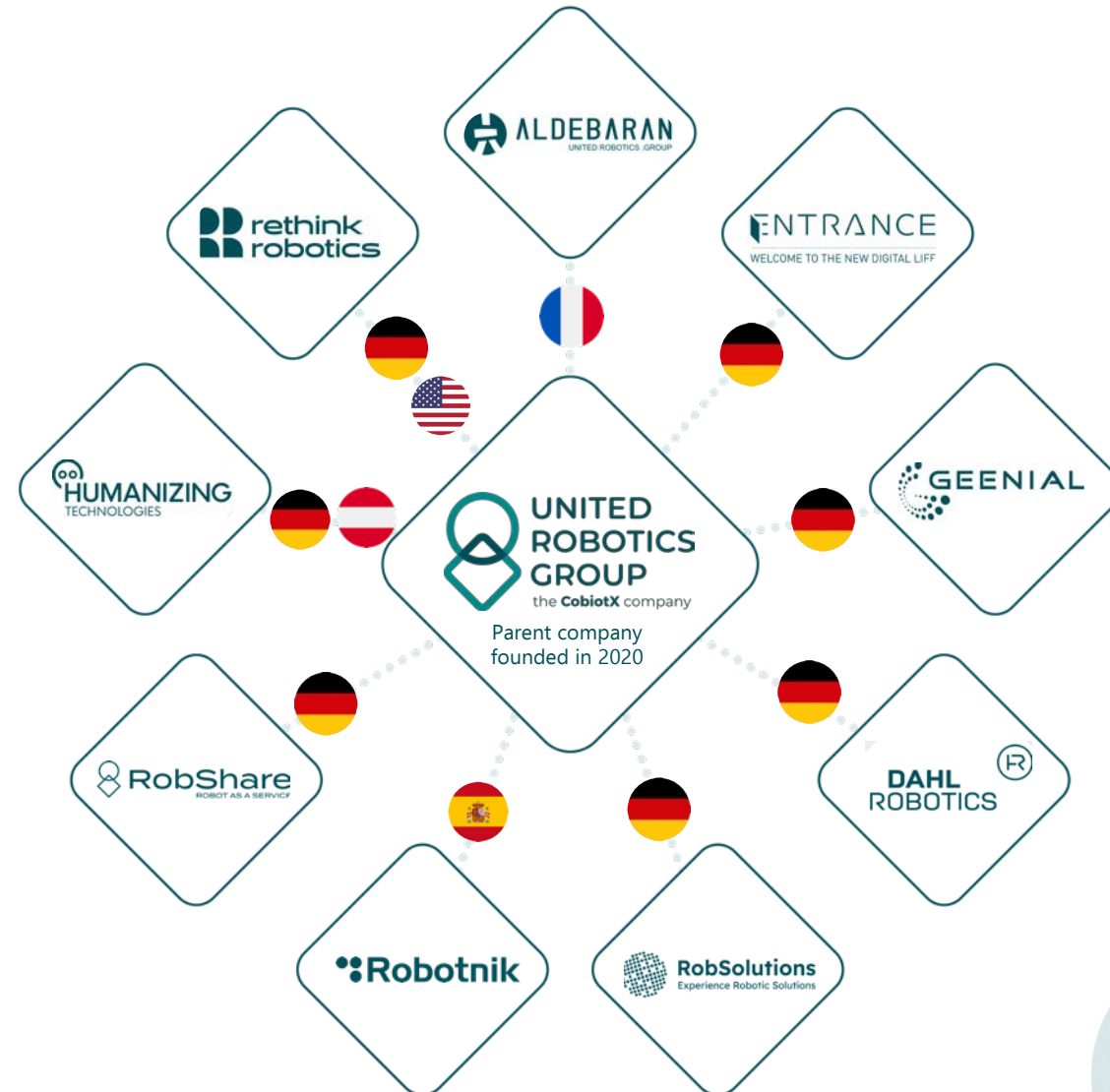


URG – WE ARE SISTER COMPANIES WITH HAHN GROUP, WE SHARE THE SAME ORIGIN AND SAME FOUNDER: THOMAS HÄHN, WHO IS ALSO THE CEO OF RSBG AUTOMATION & ROBOTICS





...NOW WE ARE FORMED OF ONE UNITED GROUP OF 9
ROBOTIC COMPANIES.





WE ARE A EUROPEAN ROBOTICS CHAMPION...



>450
employees



>40.000
Robots in the field



Stands for European, human-
centric values in relation to
privacy, security, safety &
sustainability

European
corporation
with American and Japanese
roots



>10.000
existing
customers

Works with



>1.000 universities
and
research
institutes



Expression &
Attractivity



Perception &
Communication



Contextual
Interaction



Autonomy
& Mobility

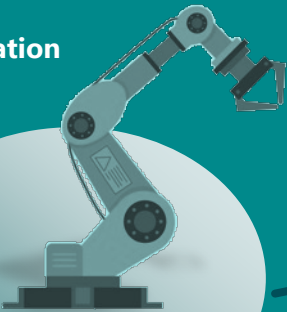


Physical
Interaction

WE ARE THE **UNIFIER & PIONNER** OF
ROBOTS-FOR-HUMANS EXPERIENCE...
WE UNIFY **SOCIAL & INDUSTIRAL** ROBOTS

WE ARE CREATING A NEW ERA OF ROBOT: COBIOTX

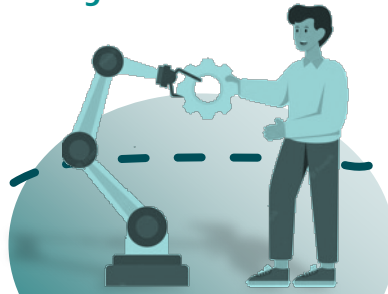
1st generation



Robots

Designed to
Work independently
FROM people

2nd generation



Cobots

Designed to
Work side by side
WITH people

3rd generation



CobotX

Designed to
Work hand in hand
FOR people

What does

CobiotX
by united robotics group

stand for?

Co

Collaboration

bio

Life, Emotion,
Sustainability

bot

Technology, Automation,
Efficiency

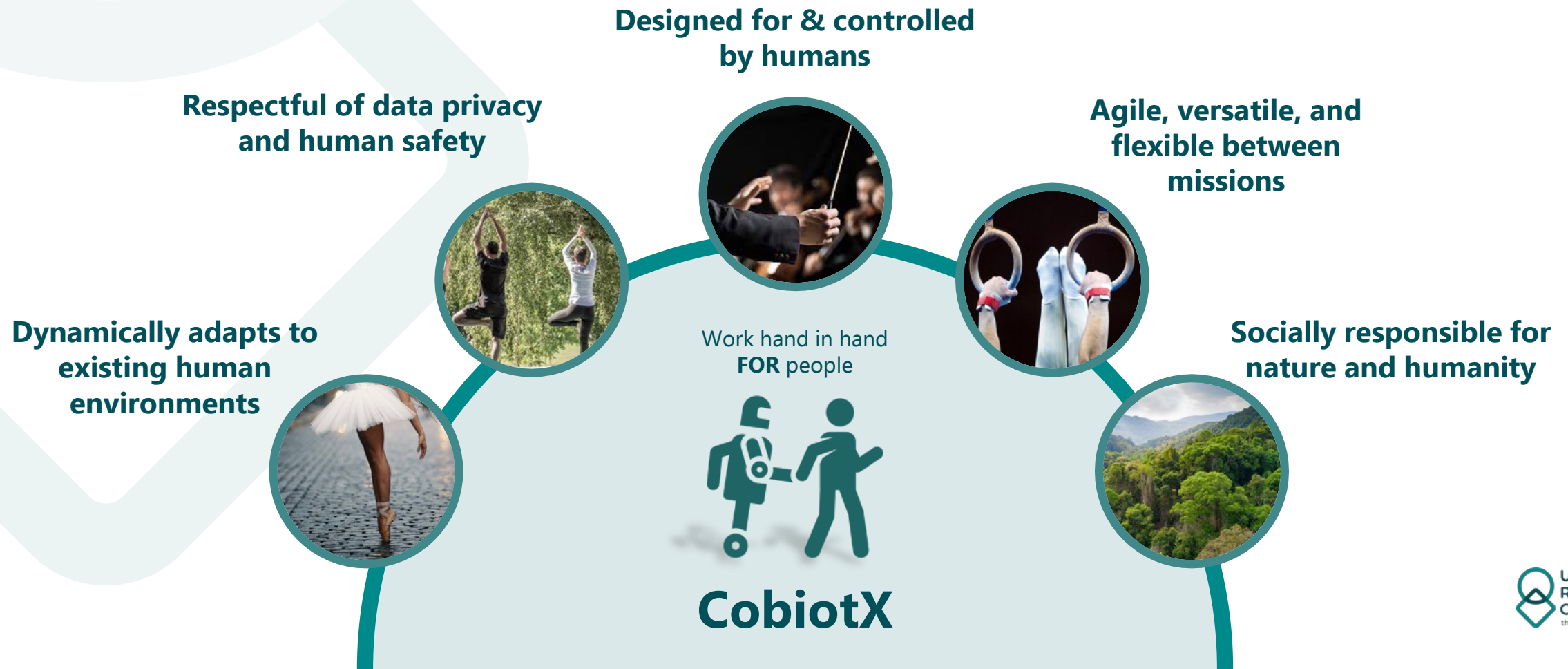
iot

Connection, Exchange,
Perception

X

Diversity, Versatility,
eXperience

THE TIME HAS COME TO **COBIOTX** : UNITE THE **BEST** OF **ROBOTICS, AI AND PEOPLE** FOR A **MORE HUMAN** WORLD.



WE ARE DEDICATED TO DESIGN AND CREATE ROBOTS FOR HUMANS...

Sawyer

The smart collaborative robot,
born in MIT

plato

The first serving Cobot

NAO⁶

The most well-known
humanoid robot for education



uMobileLAB

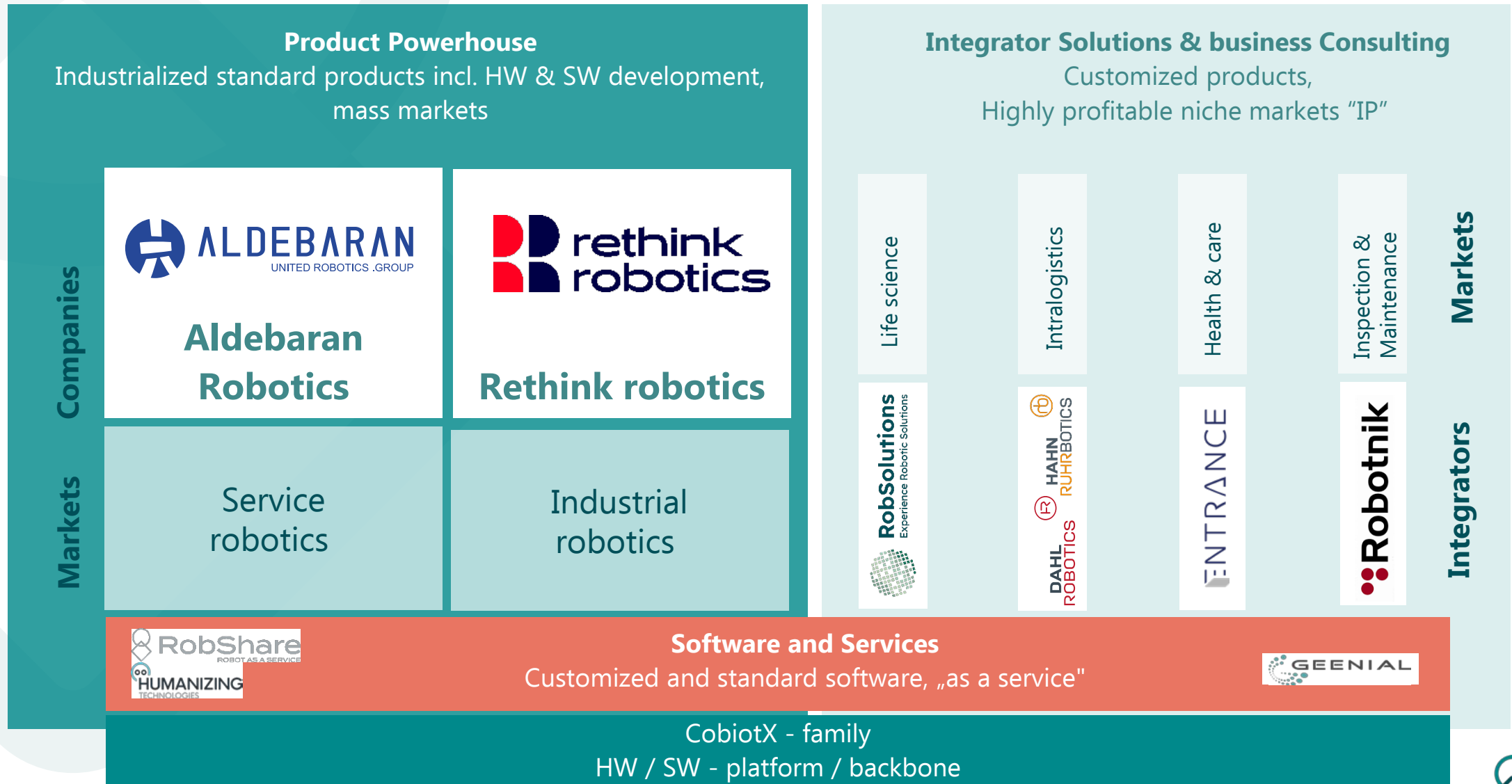
The agile mobile robot for
Lab Automation*

*Powered by RobSolutions, part of United Robotics Group

pepper

The world first emotional
robot

WITH OUR OWN ECOSYSTEM OF ROBOTICS EXPERTS...



...WE PROVIDE INTELLIGENT SERVICES AND STANDARDIZED, CUSTOMIZED & END-TO-END ROBOTIC SOLUTIONS



uMobileLog & uMobileLab



'The Box' for Lab Automation



Industrial inspecting



Workstation delivering



Intralogistics automation



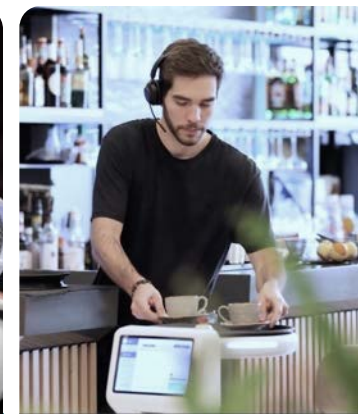
Serving drinks



Greeting



Learning



Helping



Carrying & delivering

Some examples, not limited.

...TO FULFILL DIFFERENT NEEDS OF BOTH PUBLIC LIFE AND INDUSTRIAL ENVIRONMENTS

LIFE SCIENCE



HEALTHCARE



EDUCATION



HOSPITALITY



INDUSTRY & INTRALOGISTICS



INSPECTION & MAINTENANCE



WE ARE TRUSTED BY OUR CUSTOMERS.



Cardiff
Metropolitan
University

Prifysgol
Metropolitan
Caerdydd



SAPIENZA
UNIVERSITÀ DI ROMA



Bezirksverband
Mittelrhein e.V.



Pflege zu Hause
Sozialstation St. Johannes e.V.
Erlenbach am Main

هيئة كهرباء ومياه دبي
Dubai Electricity & Water Authority



accenture




WE WORK CLOSELY WITH OUR PARTNERS AND CONTINUOUSLY
LOOKING FOR RELIABLE & VALUE-PROOFED BRANDS TO
COLLABORATE WITH.





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A white NAO robot is shown interacting with two children. The robot is on the left, facing right, with its right arm extended towards a child's hand on the right. Another child's hand is visible in the foreground on the left, reaching towards the robot. The background is blurred, showing more children. The text "EMPOWERING EDUCATION, INSPIRING MINDS - NAO, YOUR BUDDY IN LEARNING" is overlaid in white, bold, sans-serif font on the right side of the image.

**EMPOWERING
EDUCATION, INSPIRING
MINDS - NAO, YOUR
BUDDY IN LEARNING**

WHY HUMANOID ROBOTS?



ATTRACTIVE APPEARANCE

Designed without ambiguity, the eye-catching outlook attracts undivided attention



EMOTIONAL EMPATHY

Build empathic & emotional relationship between human & robot



NATURAL BODY LANGUAGE

Fluid and expressive body language together with voice & visual images, which enhance the communication

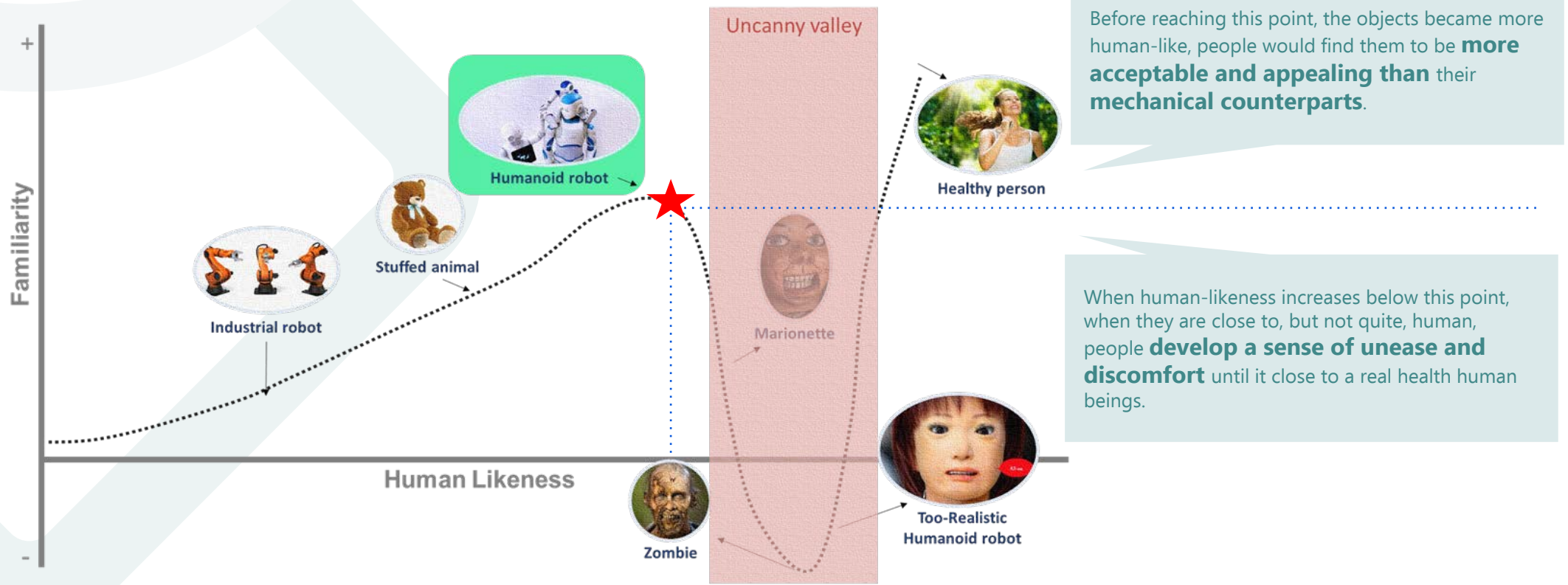


PROACTIVE ENGAGEMENT

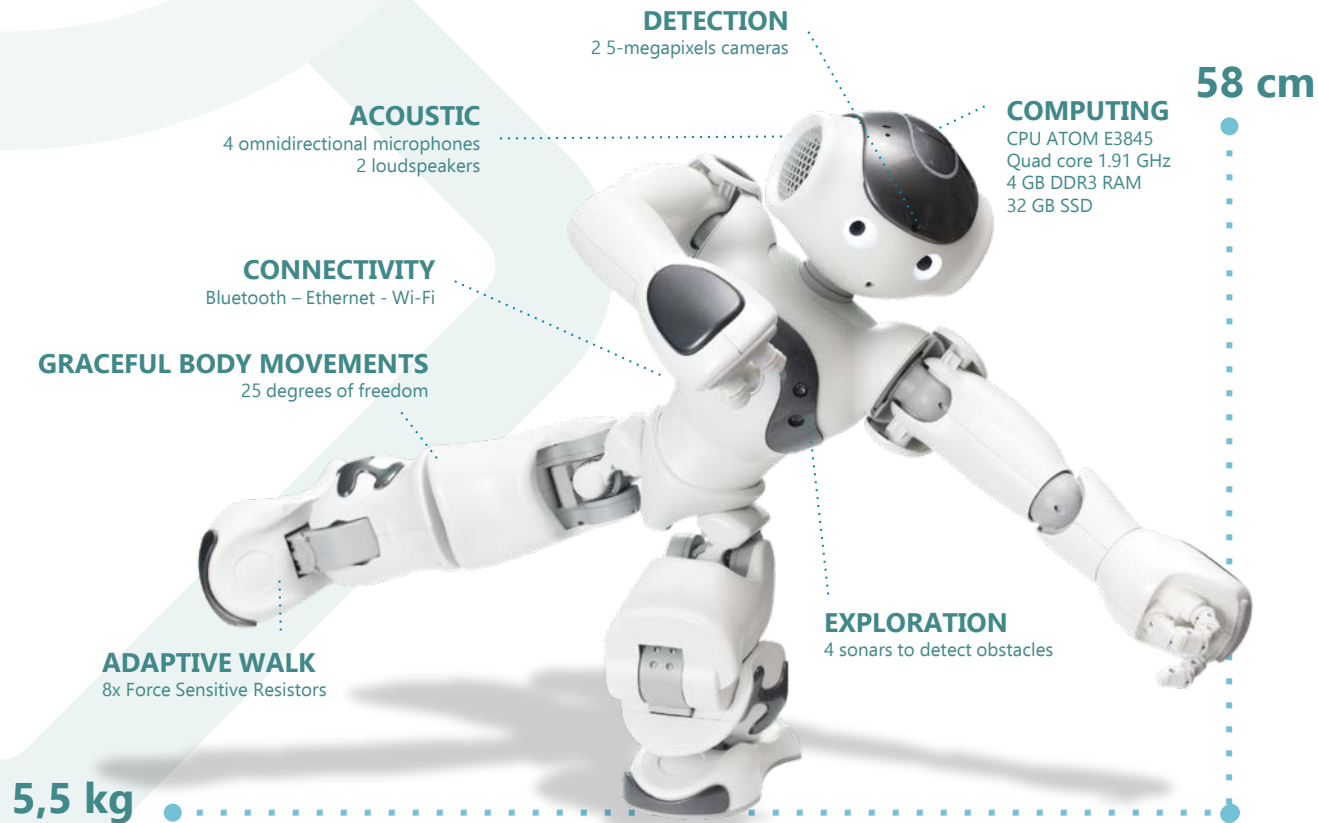
Being perceived as 'no danger', 'no judgement' & 'in-control'
Proactively engage in icebreaking conversations

WE DESIGN BEST-IN-CLASS ROBOTS TO MEET THE HIGHEST HUMAN ACCEPTANCE

Uncanny valley – A hypothesized relationship between the degree of an object's resemblance to a human being and the emotional response to it.



NAO, AN ATTRACTIVE & PROGRAMMABLE PLATFORM FOR UNIQUE AND ENGAGING EDUCATIONAL HUMAN-ROBOT INTERACTION, TAKING ROBOTICS TO THE NEXT LEVEL



NAO⁶

SPEECH RECOGNITION
More than 20 Languages

FALL MANAGER
Detects falls & trigger the protection

FALL RECOVERY
Able to stand up alone

PREHENSIBLE HANDS
Powerful motors & robust fingers



NAO IS EQUIPPED WITH ADVANCED SENSORS, CUSTOMIZABLE PROGRAMMING PLATFORMS, AND INTERACTIVE CAPABILITIES FOR HUMAN- ROBOT INTERACTION AND EDUCATION.

PROACTIVE ENGAGEMENT

Detect & attract people with animated expression

OPENNESS

Allow integration & implementation of embedded & external APIs

COGNITIVE COMPUTING

Capture demographic data & emotions of the user

REAL-TIME COMMUNICATION

Update speech & deliver messages with real-time content

LIVELY & FRIENDLY

Adapted robot behavior & perfect ergonomic size -> Embraced-by-all

EASINESS

Easy to use, develop and deploy with its Qi SDK

MULTI -LANGUAGE

Easily speak & switch languages

ROBUSTNESS

coding in a secured environment with resistance & avoidance

IDENTITY RECONGITION

Identify people and objects through code scanning, tablet inputs, and even facial recognition with consent

CUSTOMISED INTERACTION

Adapt the interaction content based on contextualized information

RESPECTS DATA OWNERSHIP

and acts according to GDPR standards

NAO ROBOTS HAVE NUMEROUS **USE CASES**, INCLUDING TEACHING ASSISTANCE, SPECIALIZED EDUCATION, PROGRAMMING AND ROBOTICS EDUCATION, LANGUAGE LEARNING, RESEARCH, DISTANCE LEARNING AND ELDERLY CARE.



Assist teachers in classrooms by providing engaging and interactive educational activities.



Provide specialized assistance to students with disabilities, such as helping with communication and socialization skills



Serve as a platform for students to learn programming and robotics skills.



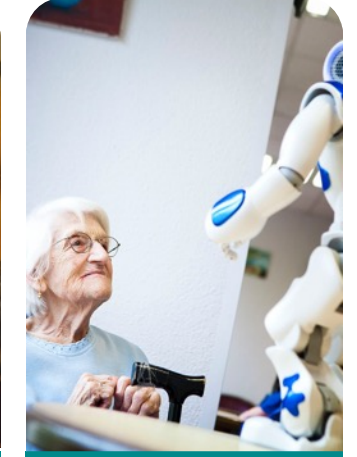
Facilitate language learning through interactive practice and personalized feedback.



Can be used in research areas related to AI and robotics



Facilitate remote learning experiences by providing 'avatar' interactions with teachers and classmates.



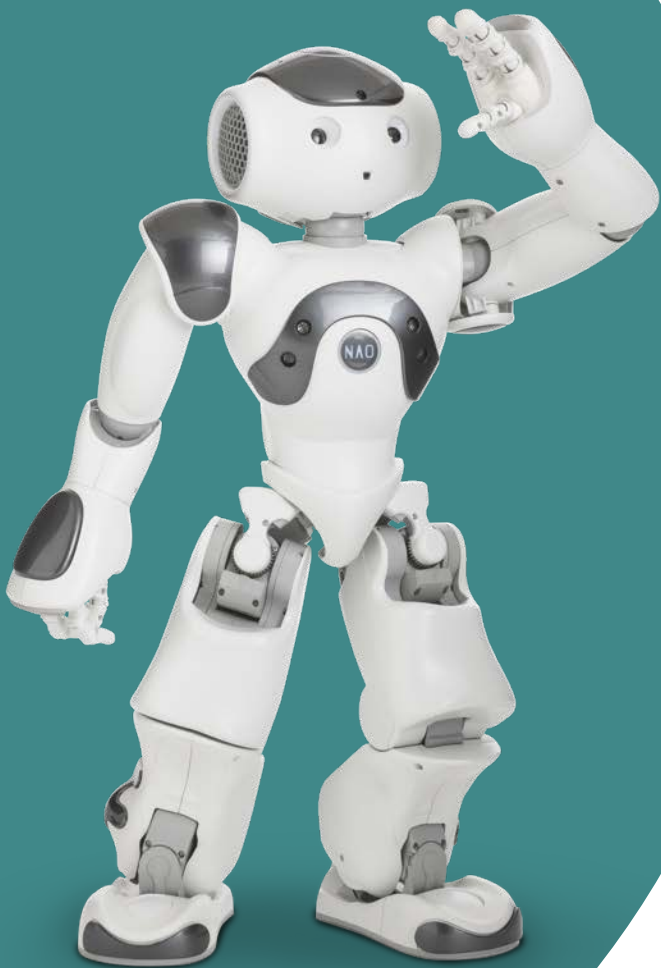
provide companionship, and entertainment to elderlies



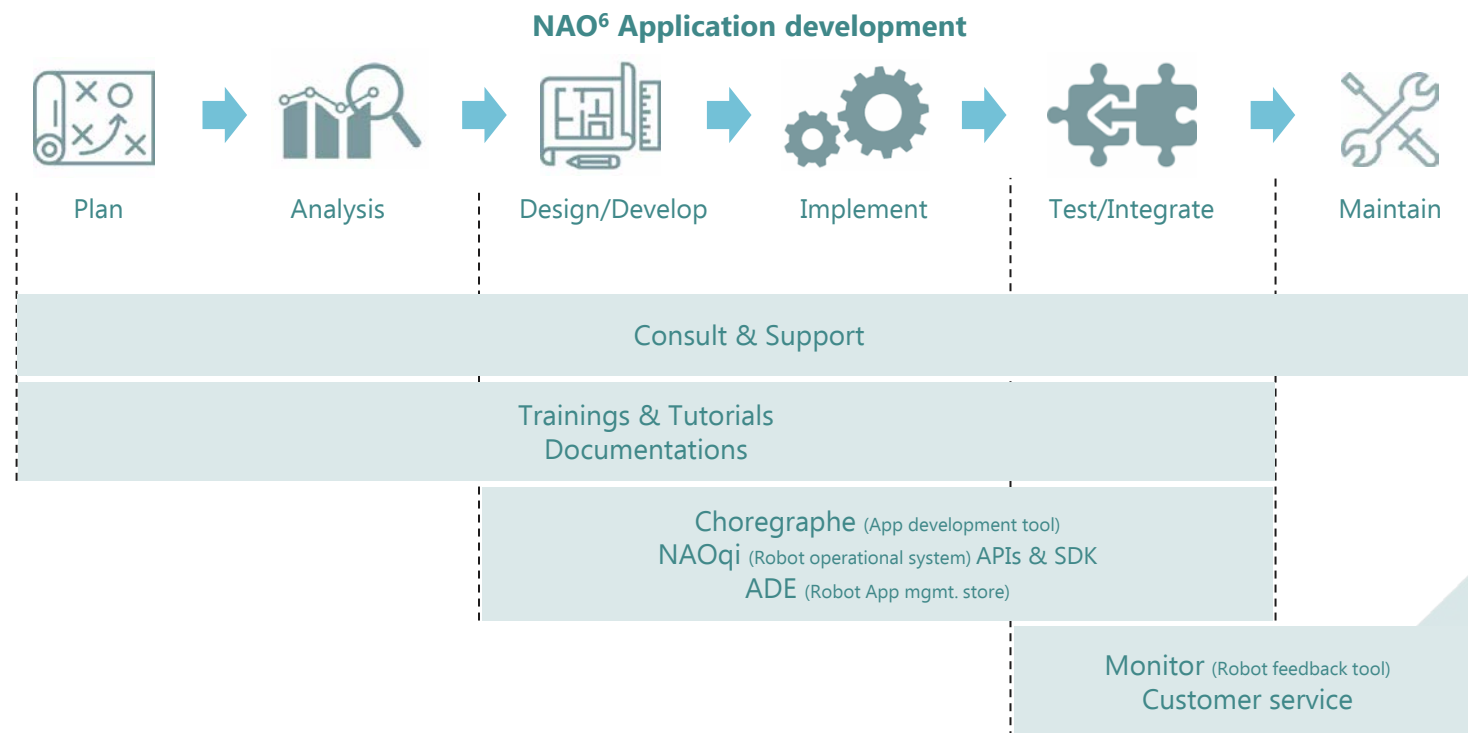
NAO FOR EDUCATION: DESIGNED TO PROVIDE AN INTERACTIVE AND ENGAGING LEARNING EXPERIENCE WHILE ALSO FACILITATING THE DEVELOPMENT OF PROGRAMMING AND SOCIAL SKILLS.

Benefits with NAO

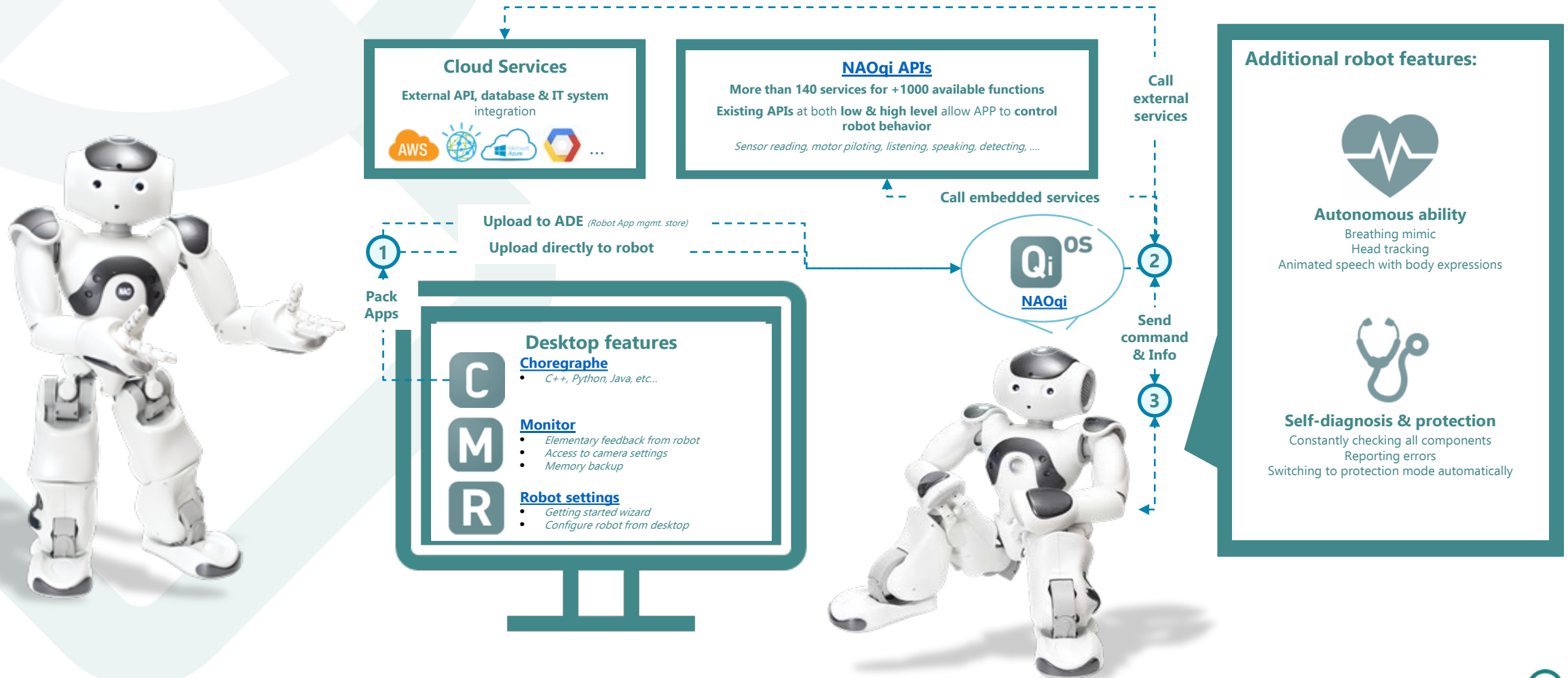
- ▶ **Engaging and interactive learning:** provide an engaging and interactive platform for learning, making it more interesting and fun for students.
- ▶ **Personalized learning experience:** customize the learning experience to each student's abilities and preferences, providing a personalized and adaptive approach to education.
- ▶ **Improved communication and social skills:** help students with communication and socialization skills, especially those with autism or other disabilities.
- ▶ **Programming and robotics education:** can serve as a platform for students to learn programming and robotics skills, preparing them for future careers in technology.
- ▶ **Research and innovation:** facilitate research and innovation in the field of educational robotics, exploring new possibilities and applications for human-robot interaction and education.



WHAT DO WE OFFER?



NAO, WITH OPEN AND DEDICATED SOFTWARE & RESOURCES.



A young child with brown hair and glasses is crouching down, interacting with a white and blue humanoid robot. The robot has a friendly face with large eyes and a small mouth. The child is wearing a blue long-sleeved shirt and blue pants. The background is a blurred playroom with shelves containing various toys. The text "THANK YOU" is overlaid in white capital letters on the right side of the image.

THANK YOU



UNITED
ROBOTICS
GROUP

the **CobiotX** company



hello@unitedrobotics.group



United-Robotics-Group



<https://www.unitedrobotics.group/>

