

# Blue Robin

*Future Robotics, **For Better Life***





## 01. Company Overview



서울대학교  
SEOUL NATIONAL UNIVERSITY



Established in 2022 as a spin-off from the DYROS Lab,  
Robotics Laboratory at Seoul National University

Robotics H/W + S/W Convergence Technologies



TOCABI



LAZARO



BR-Hand



JET



P-73

### Jaeheung Park

Co-CEO

- Prof. of Seoul Nation Univ. (2009.08~)
- Vice President of the Korea Robotics Society(2025.01~)
- PhD in Dept. of Aero/Astro, Stanford Univ.



### Sungmoon Hur

Co-CEO

- PhD in Dept. of Convergence science and technology, Seoul Nation Univ.



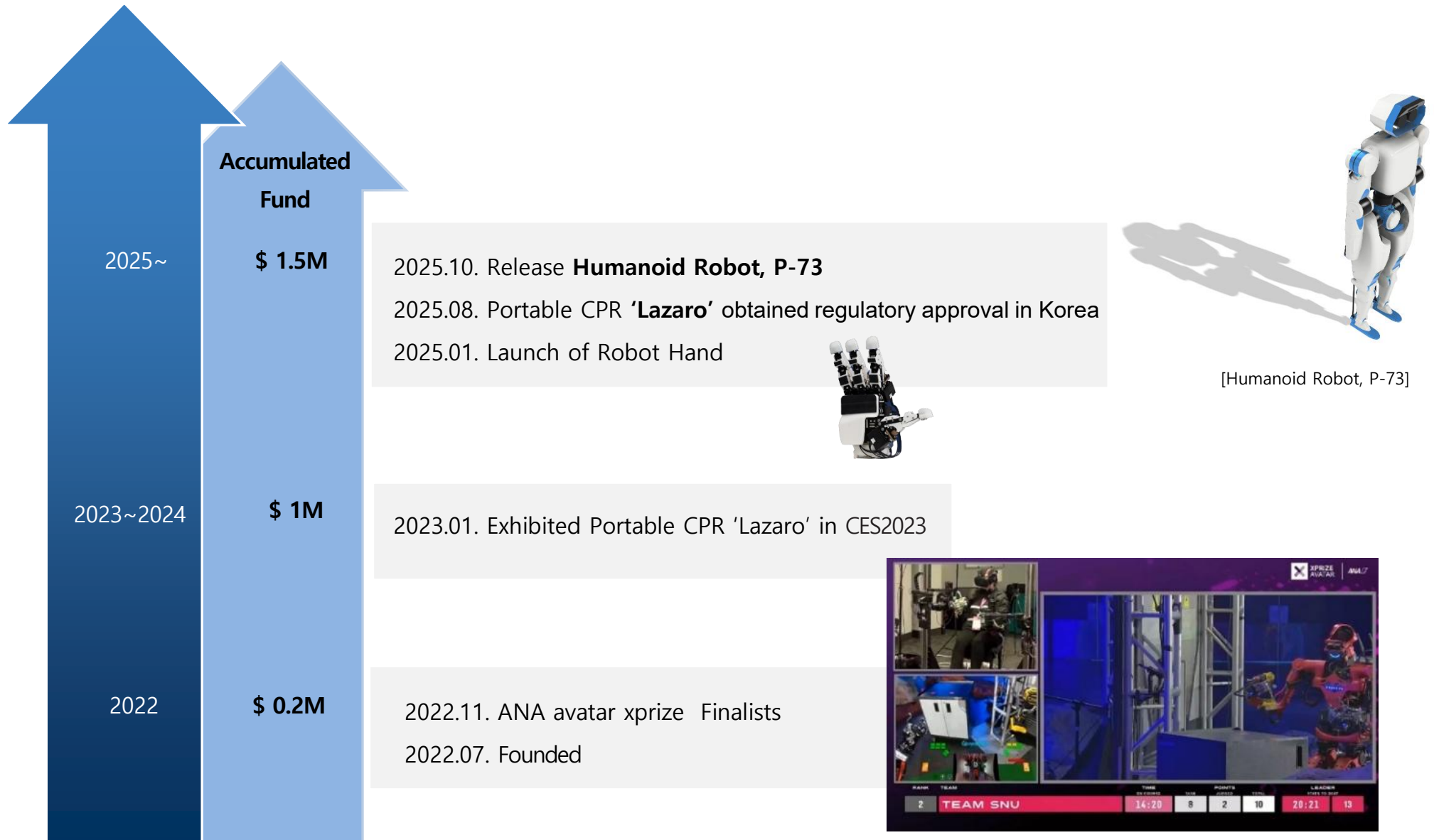
### Hyunbum Cho

COO

- PhD in Dept. of Convergence science and technology, Seoul Nation Univ.



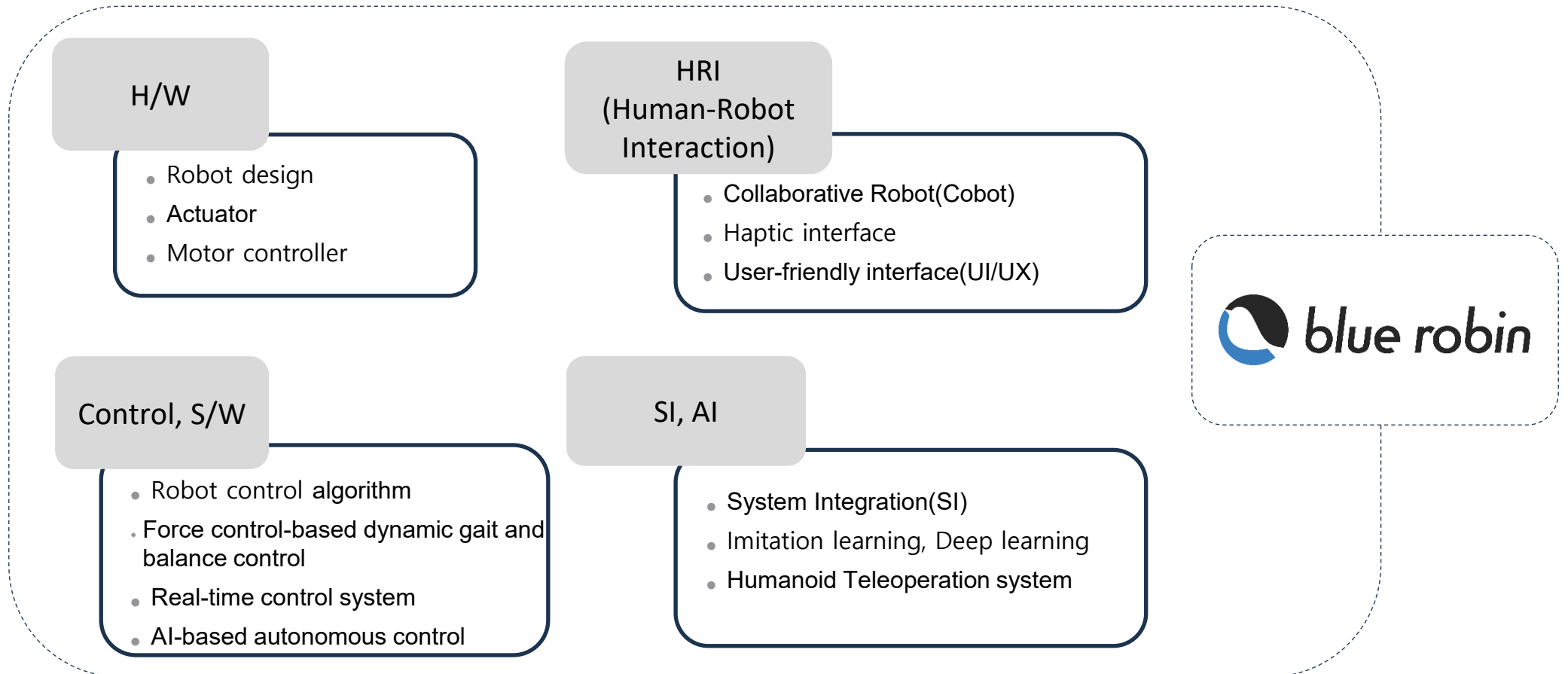
## 02. Company History



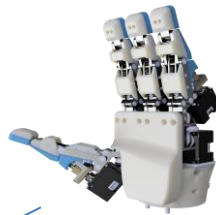


### 03. Technology

**Blue robin** is a company specialized in  
Humanoid, Avatar robot, Care robot system



## Humanoid Robot, P-73



### BlueRobin Hand with 8DoF

- Powerful with a lead screw system, Flexible with a spring mechanism
- Payload of one hand: Max. 10Kg



### P-73 Spec

- Height: 173cm
- Weight: 80kg
- Battery runtime: 60min
- Total Dof: 32 Dof
- Payload of one arm: 7kg

### Benefits

- Torque-based Whole-Body Control
- Higher Computing Power with On-device AI integration
- Strong grasp capability, durable robotic hand

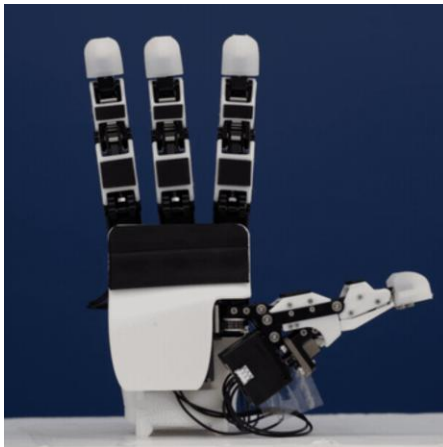
[Humanoid Robot, P-73]



## 04. Product

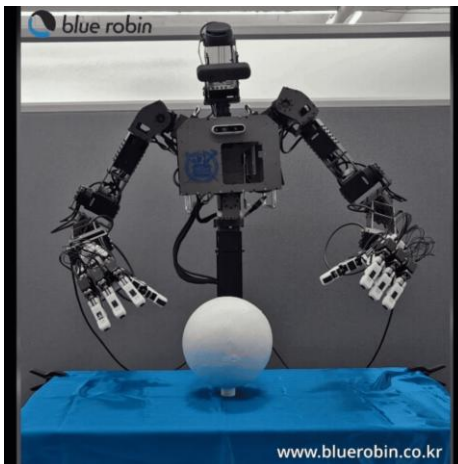
### Robot Hand, BR-Hand

Modular finger and palm design allows for a variety of structural modifications, suitable for use in multiple testing environments



#### BR-Hand Spec

- Weight: 800g
- Dof: Finger 2 Dof, Hand 8 Dof
- Payload: Power grip 약 10 Kg,  
Pinching Grip: 약 2 Kg

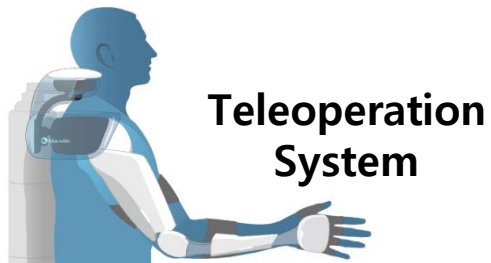
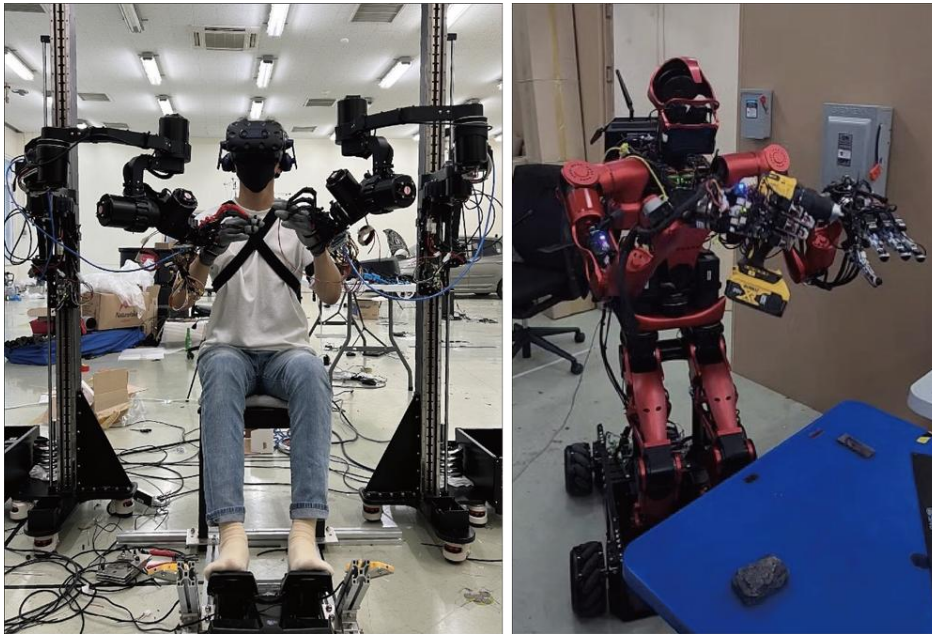


#### Benefits

- Replaceable and modifiable finger and palm structure
- Strong gripping force and high-rigidity actuation
- Flexible response structure enabling complex movements
- Optional teleoperation system available



# Humanoid Robot Teleoperation System



## BR-Teleoperation System Spec

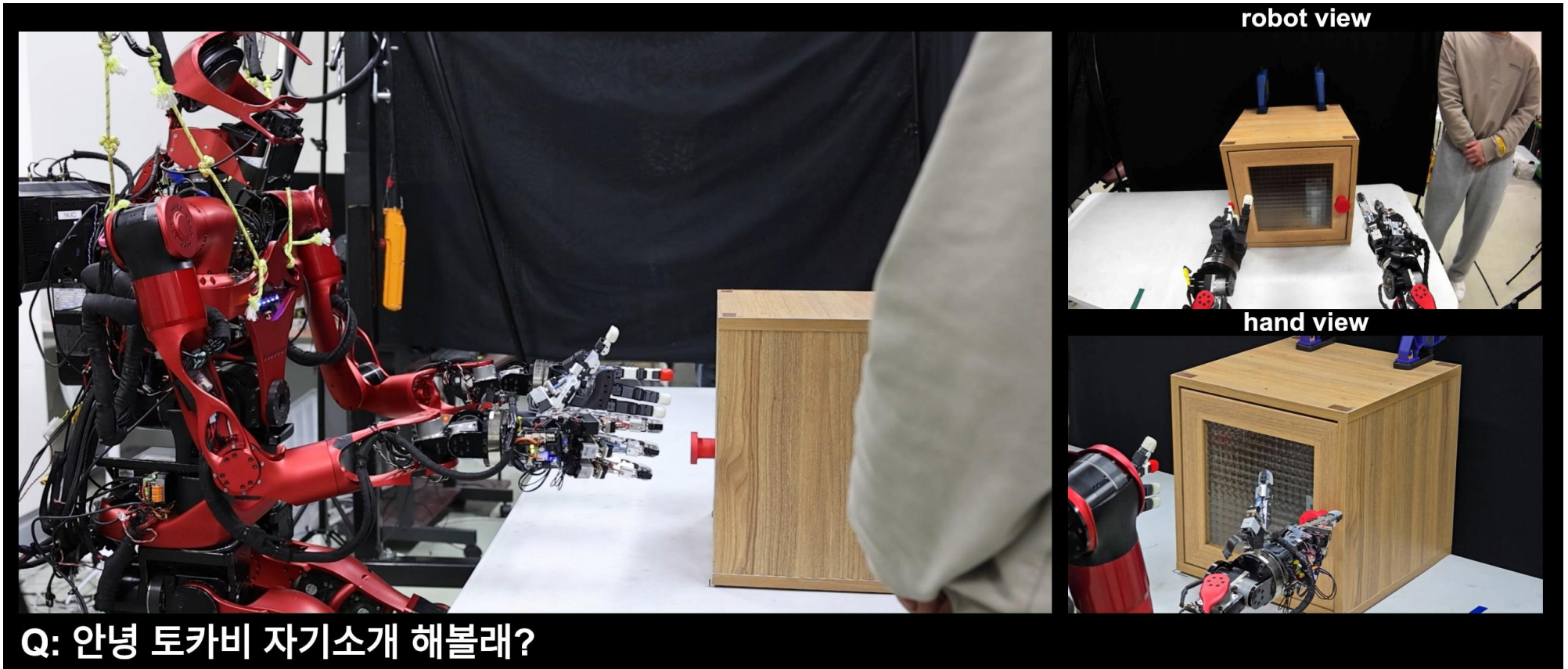
- Cover most of the human arm workspace
- 6 DoF (Translation & Rotation)
- Force + Kinesthetic feedback
- Hand force feedback (option)

## Benefits

- Large Workspace to work at scale 1
- Enabling intuitive and effective interaction
- Telepresence through various Feedback
- Integrated Human Robot Mapping Algorithm



## Imitation Learning





## Portable CPR Robot, Lazaro

Korea's first CPR Device  
which can adjust the compression point without stopping



[CPR Mode]

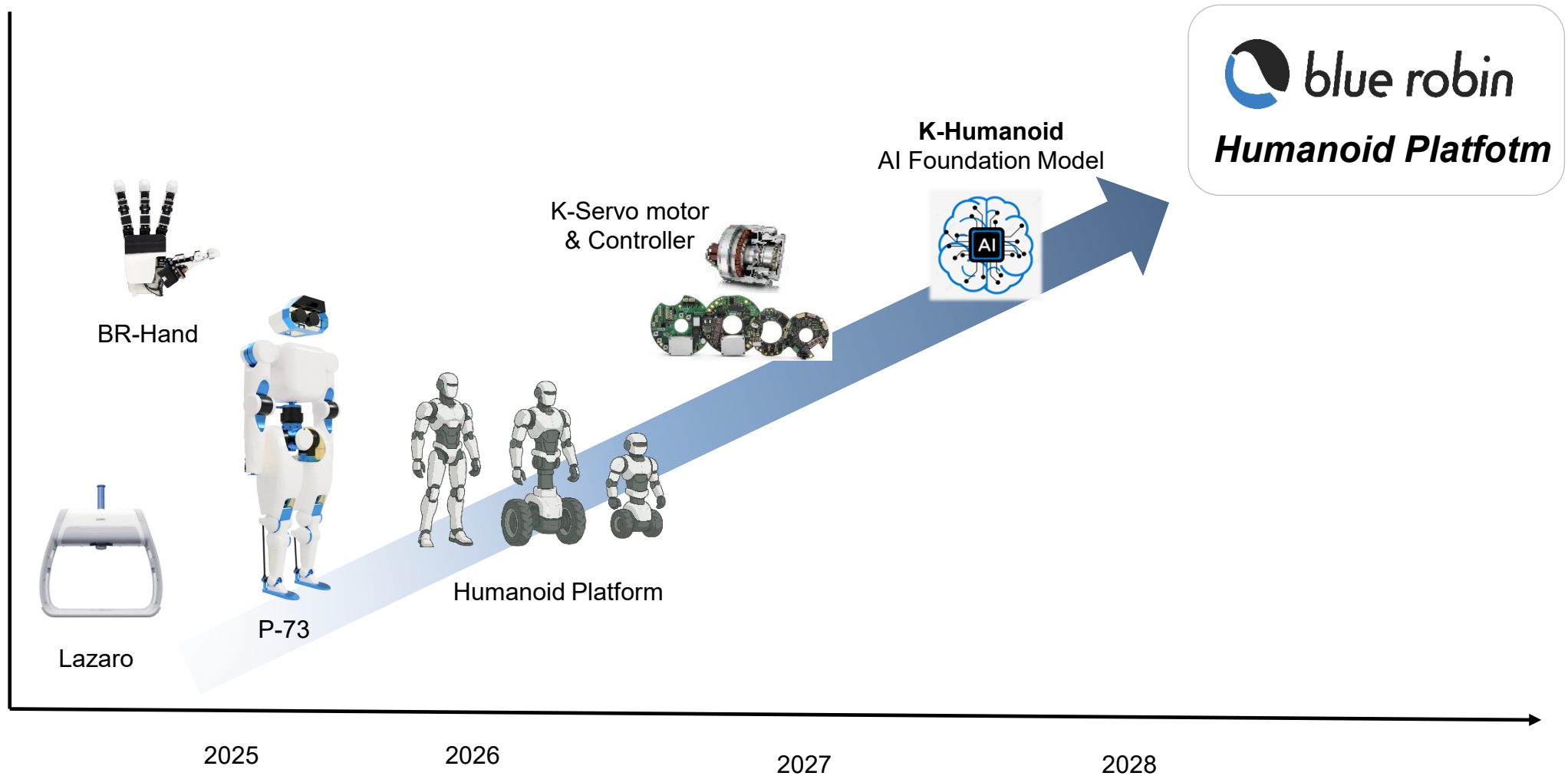


[Carrying Mode]





## Blue robin Humanoid Platform Roadmap





## 06. What we need

**We raise \$ 30M**

R&D			CapEx
Humanoid Robot	Avatar robot System	Care Robot	
15M	5M	7M	3M

- Build a Blue robin Humanoid platform
- Build a manufacturing plant of Humanoid robot and K-motor & controller

