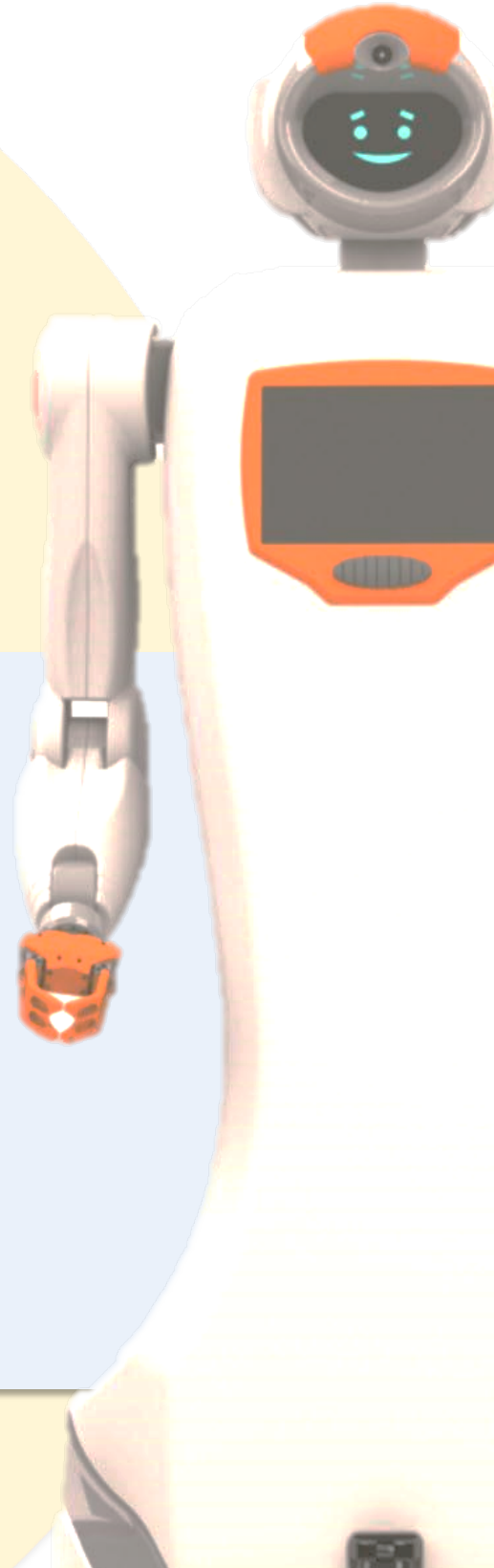




Lead the market in the creation and deployment of intelligent mobile robotic assistants that enhance human safety, healthcare, and productivity.

Core Competencies

- High mobility and dexterous robotic system
- Autonomous & intelligent robot navigational controls
- High performance adaptive compliant actuators
- Heavy payload bi-manual actuation
- Telepresence systems
- Ergonomic Human / robot interface and interaction
- Sensory perception
- Holonomic mobile platform development
- Mecanum wheel development



Modular Product

Hstar has developed several types of mobile platforms, that are suited to particular material handling applications and operational environments.

Developed over many years of SBIR research, Hstar's robots are built upon these mobile platforms, plus telepresence, as well as single or double arm manipulation.



Hstar's **AMP** (Agile Mobile Platform) is the company's first robotic mobile system designed to transport heavy and light payloads in different environments.



RoNA SerBot is a stable, highly mobile, dexterous, autonomous, bi-manual humanoid robotic nursing assistant. Equipped with highly dexterous robotic arms and self-navigation function, RoNA SerBot can perform routine patient surveillance and support tasks, allowing nurses to devote their attention to higher impact patient services.



RoNA Lift is an autonomous, intelligent robotic nursing assistant capable of lifting and maneuvering patients weighing up to 500 pounds. The proprietary design relies on numerous innovations achieved by the company's expert engineers to deliver an exponentially higher rate of successful, safer and more comfortable lifts compared to today's commonly used techniques.