

♣ AUG 28, 2019 News: Left Hand Robotics Receives \$3.6M in New Funding - Read Now

THE FIRST SELF-DRIVING OUTDOOR ROBOT TRANSFORMS FROM COMMERCIAL FIELD MOWER TO SNOW CLEARING ROBOT



Building the Future of Robotic Grasping

Ambidextrous is combining

Artificial Intelligence with Robotic Systems
to enable the next generation of warehouses.

We're Hiring!

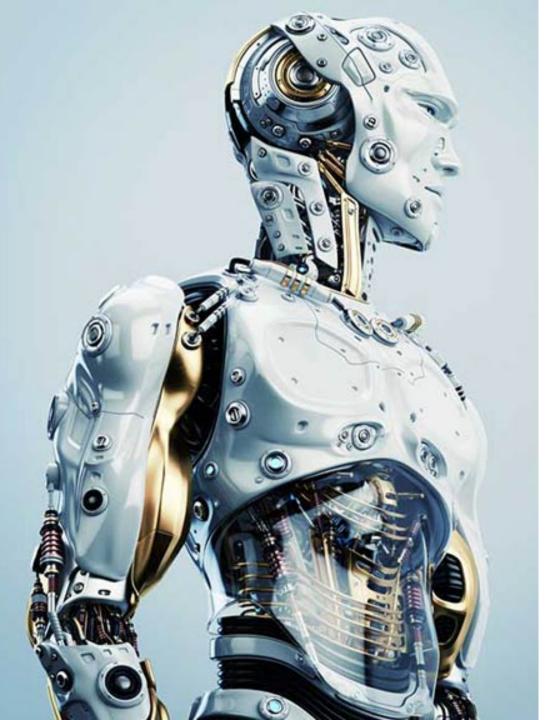
Co-founded by Dr. Jeff Mahler, Prof. Ken Goldberg,
Dr. Stephen McKinley, David Gealy, and Matt Matl
from the <u>Dex-Net Project at UC Berkeley</u>
with offices in Berkeley, California.







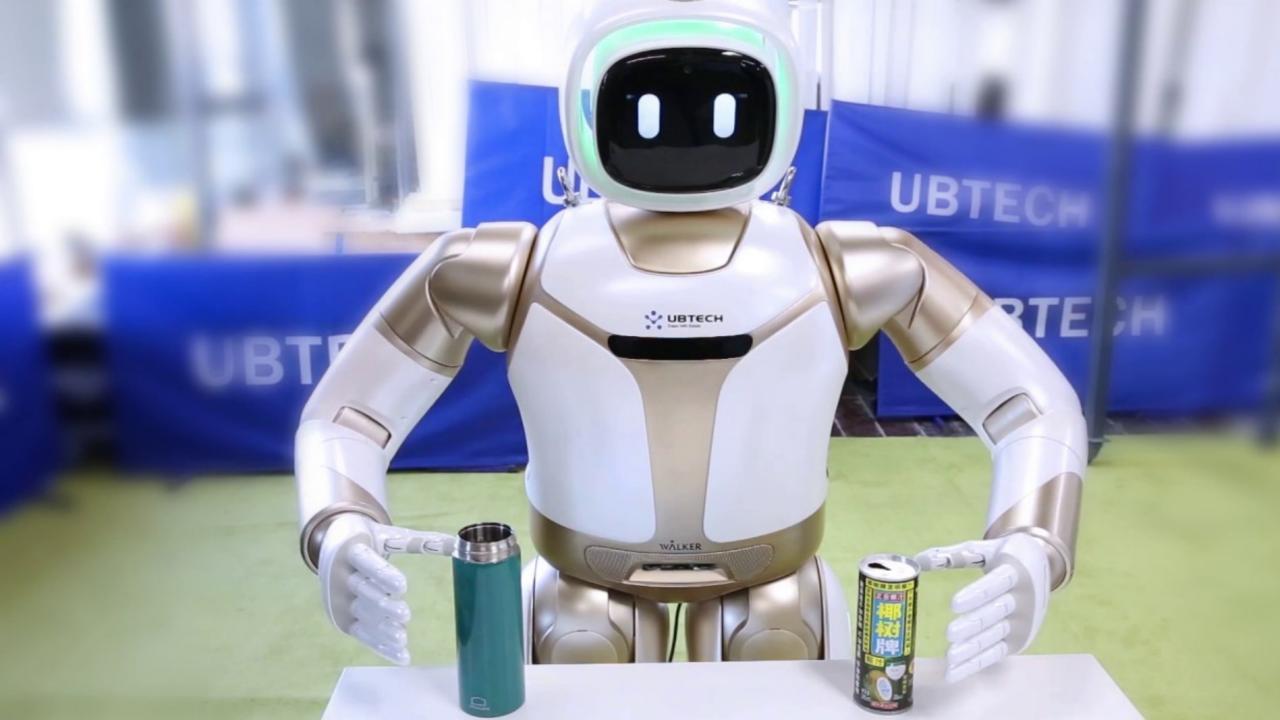


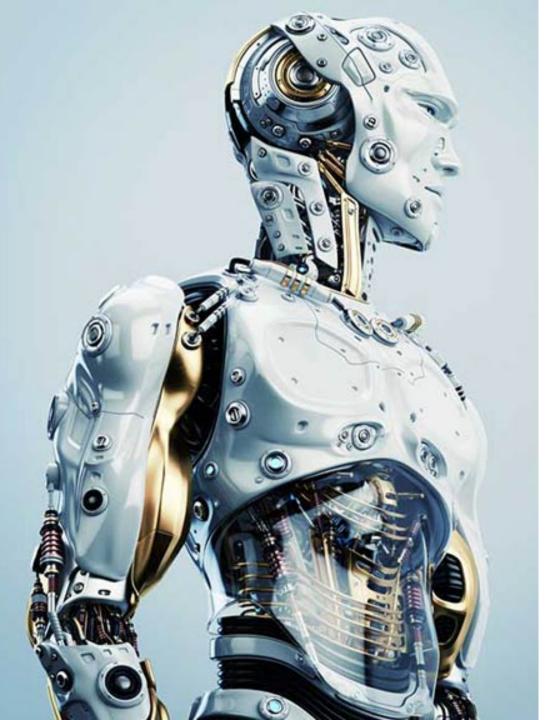


Robotics

 $HW + (SW + AI) \times Services$







Robotics

 $HW + (SW + AI) \times Services$





Teslasuit & Avatr VR gloves









Robot Anatomy



Eyes

RGB-D Camera Lidar
Tof Camera Led Display

Mouth

Speaker

Telepathy

WiFi UWB 4G/5G



Al Processor Locomotion CPU

Microcontroller

Ears

Mic array



LIMBS

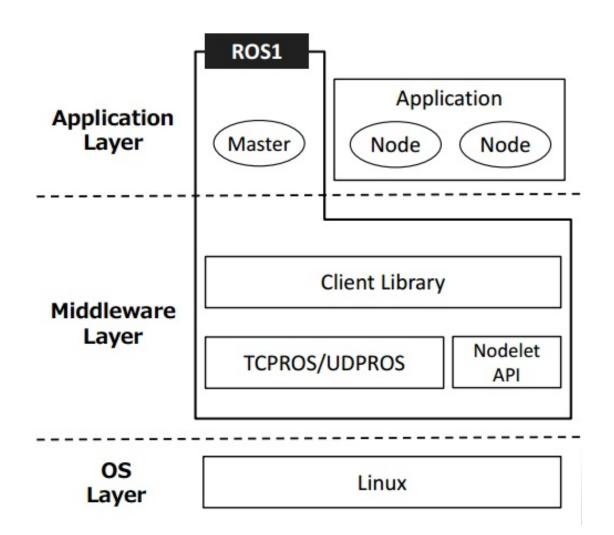
Omni-Wheels Wheels
Motor Robot Arms

Sensory

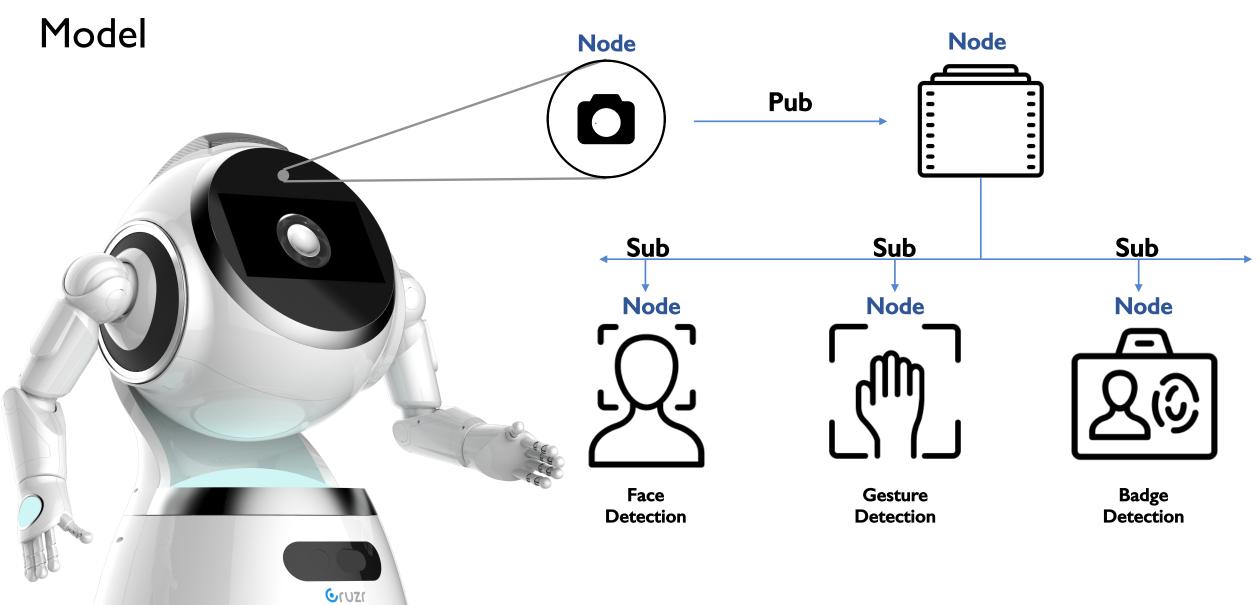
Wheel Encoder Infrared E-skin
Ultrasound Magnetometer
Humidity Sensor GPS
Inertia sensor



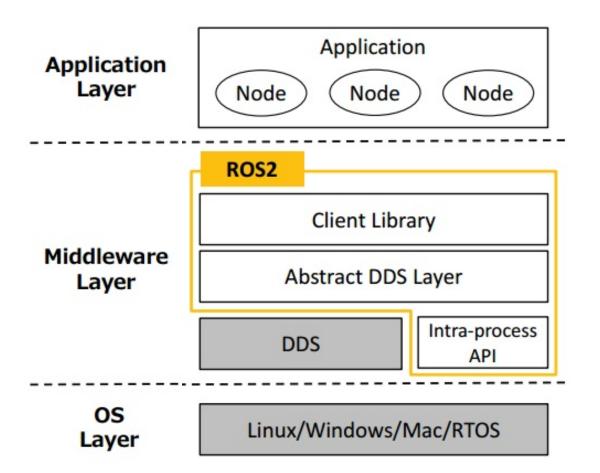
ROS1



Robot Pub-Sub

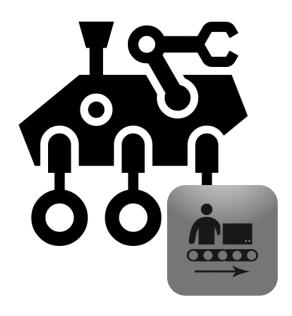


ROS2

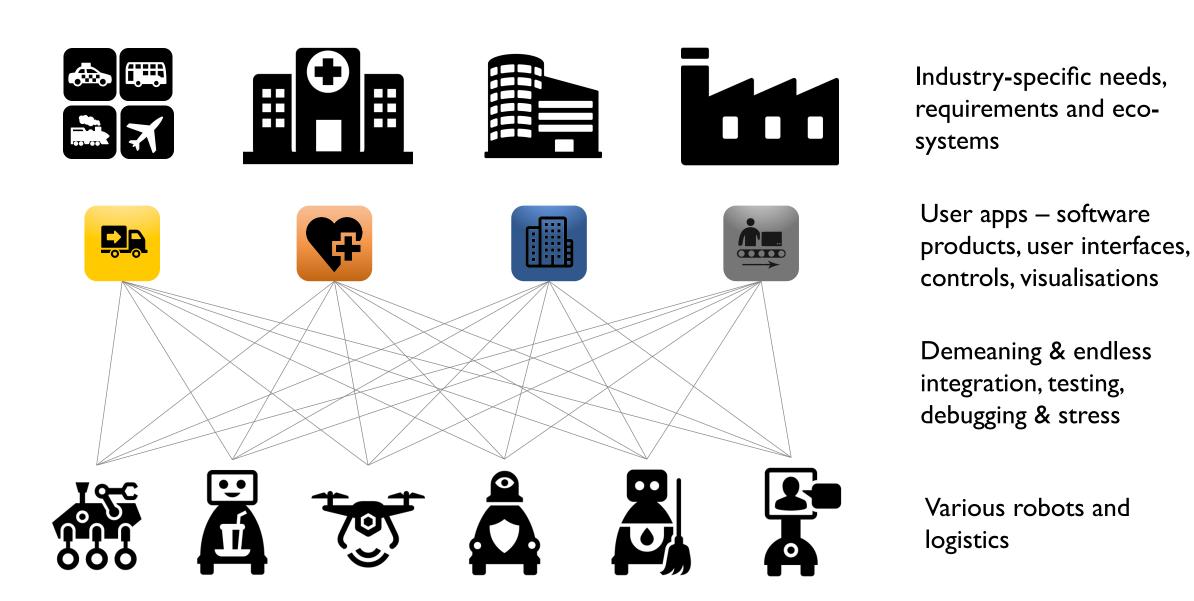


One Robot One App

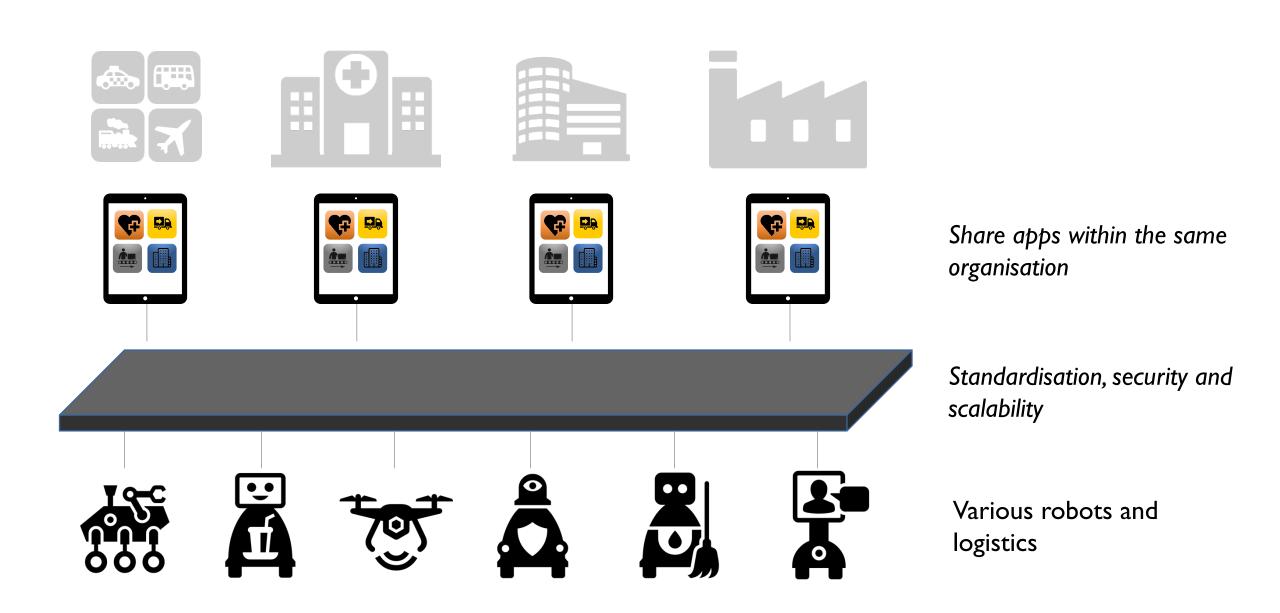




Robot Solutions



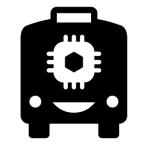
Robot Solutions

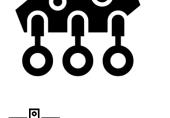


Every robot is an employee

Skills & Capabilities
Job Role
Tasks
ID











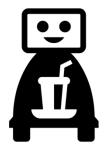








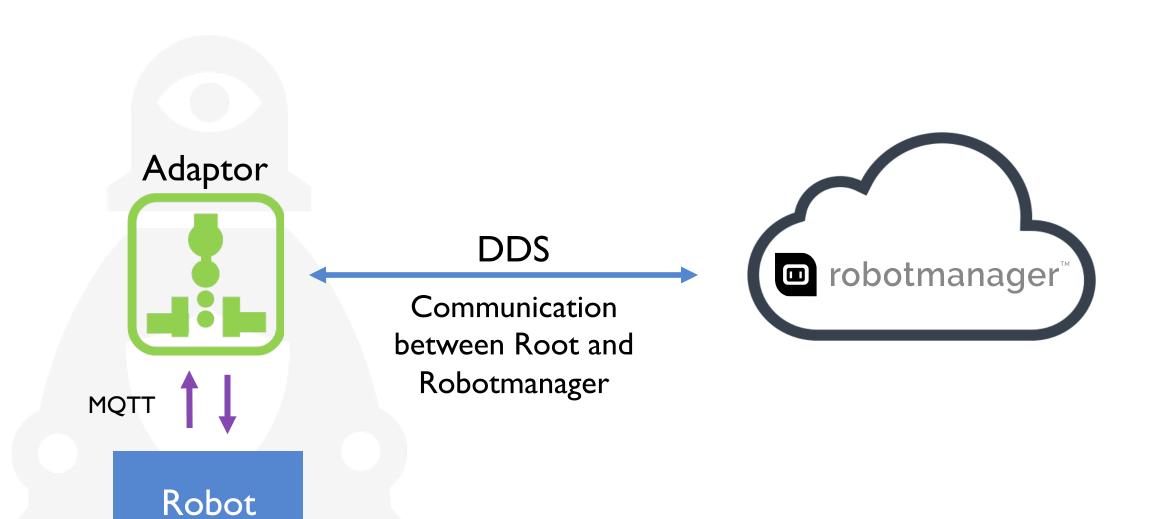




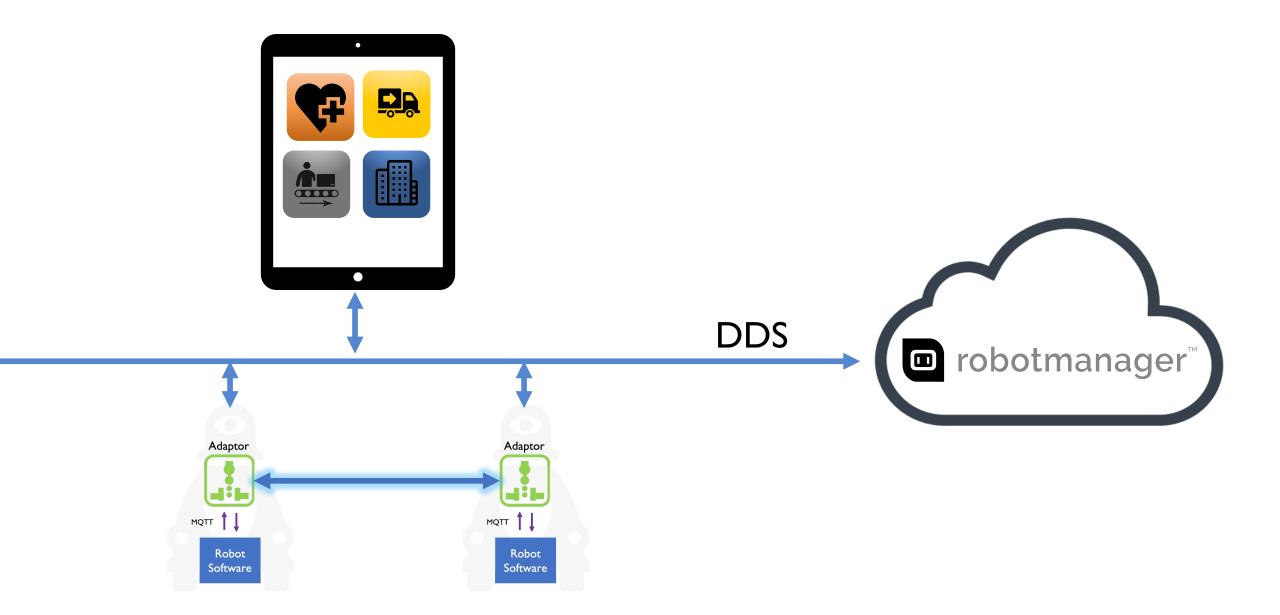


Connecting to Robotmanager

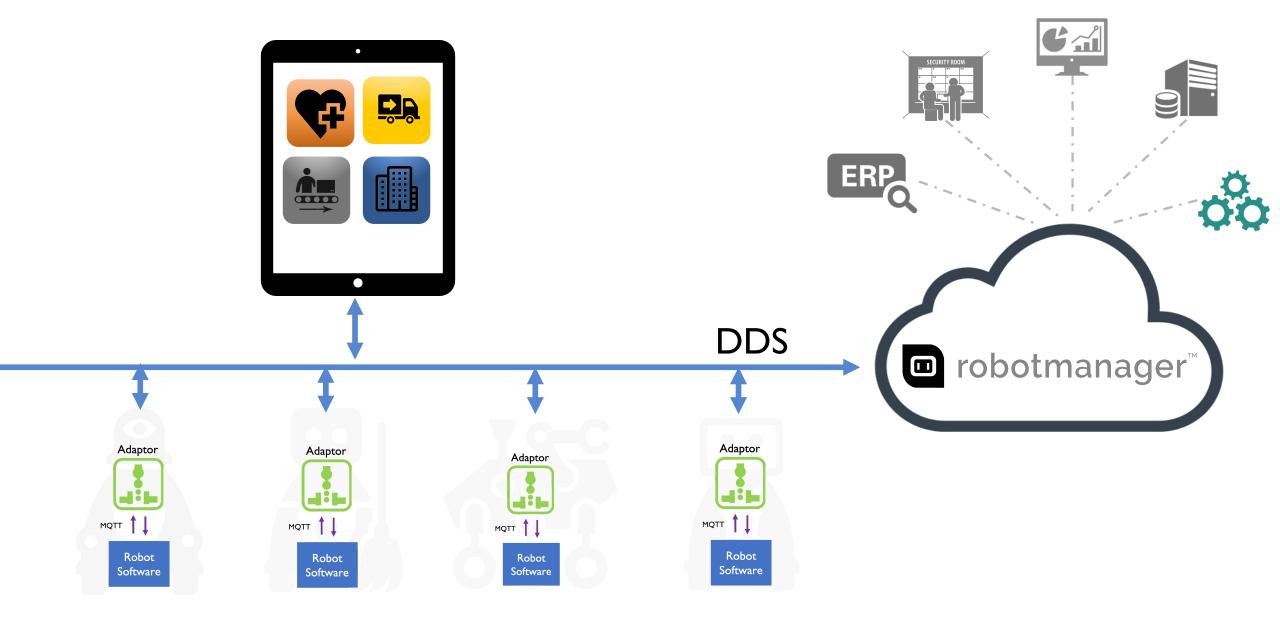
Software



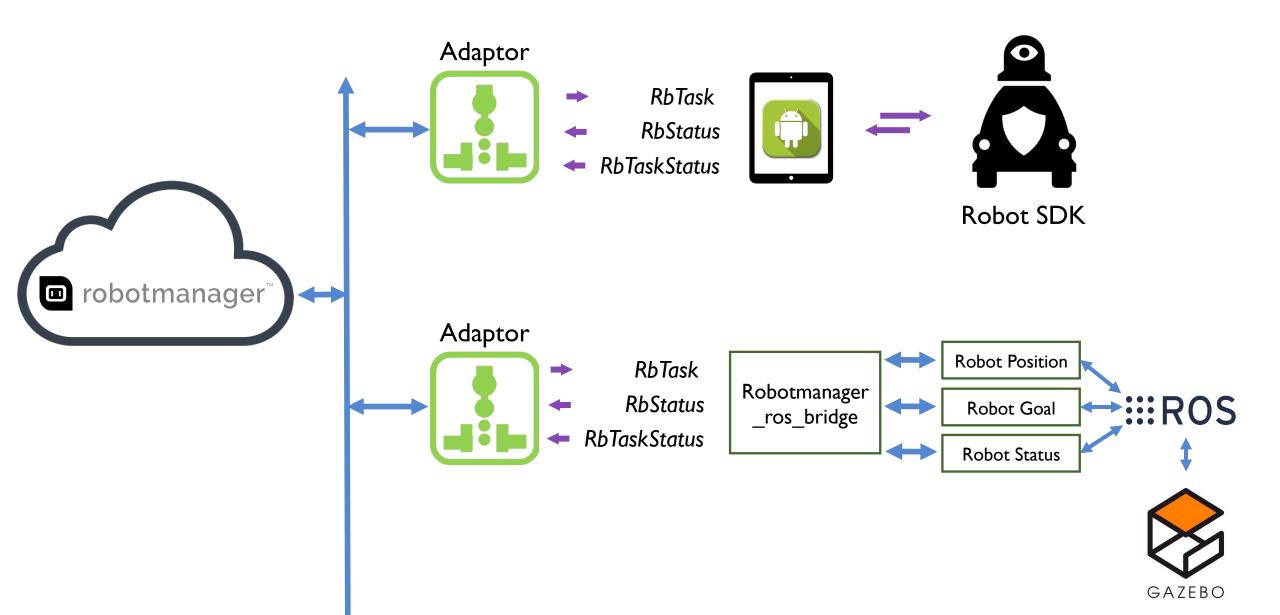
Connecting to others

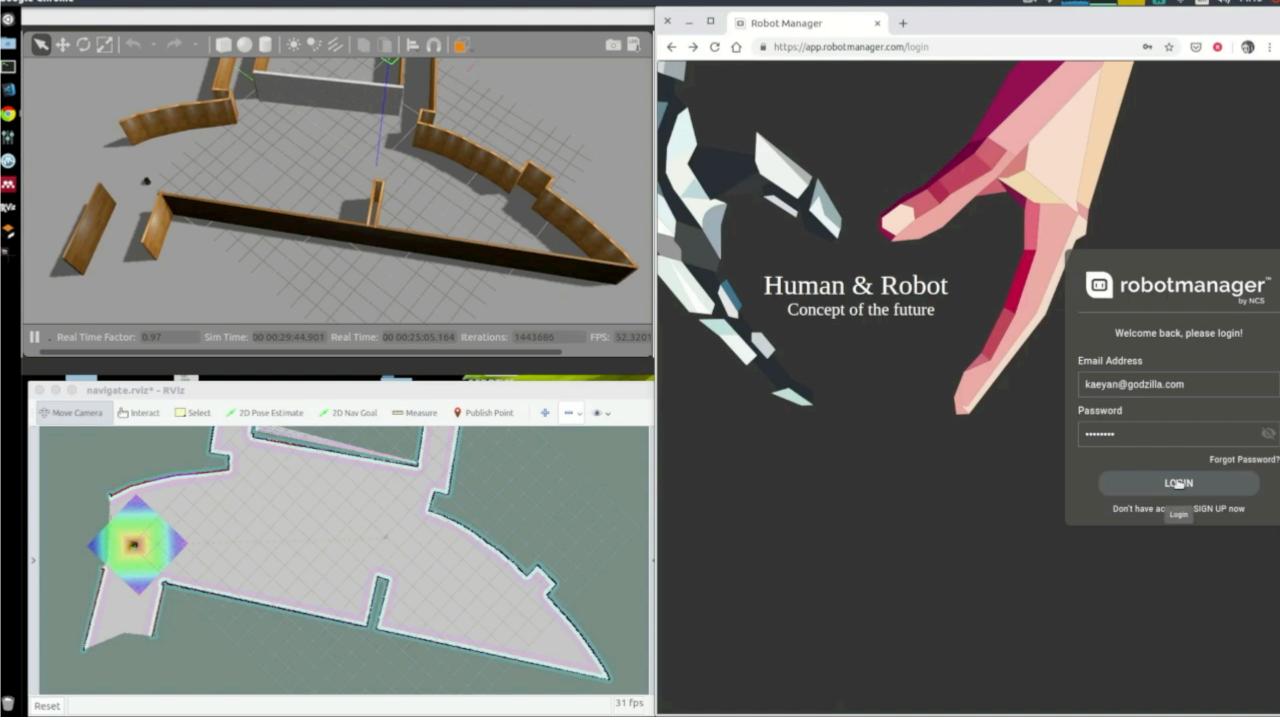


Scalable Enterprise Robot Solutions



Quick Start





Different robots Different apps One solution

































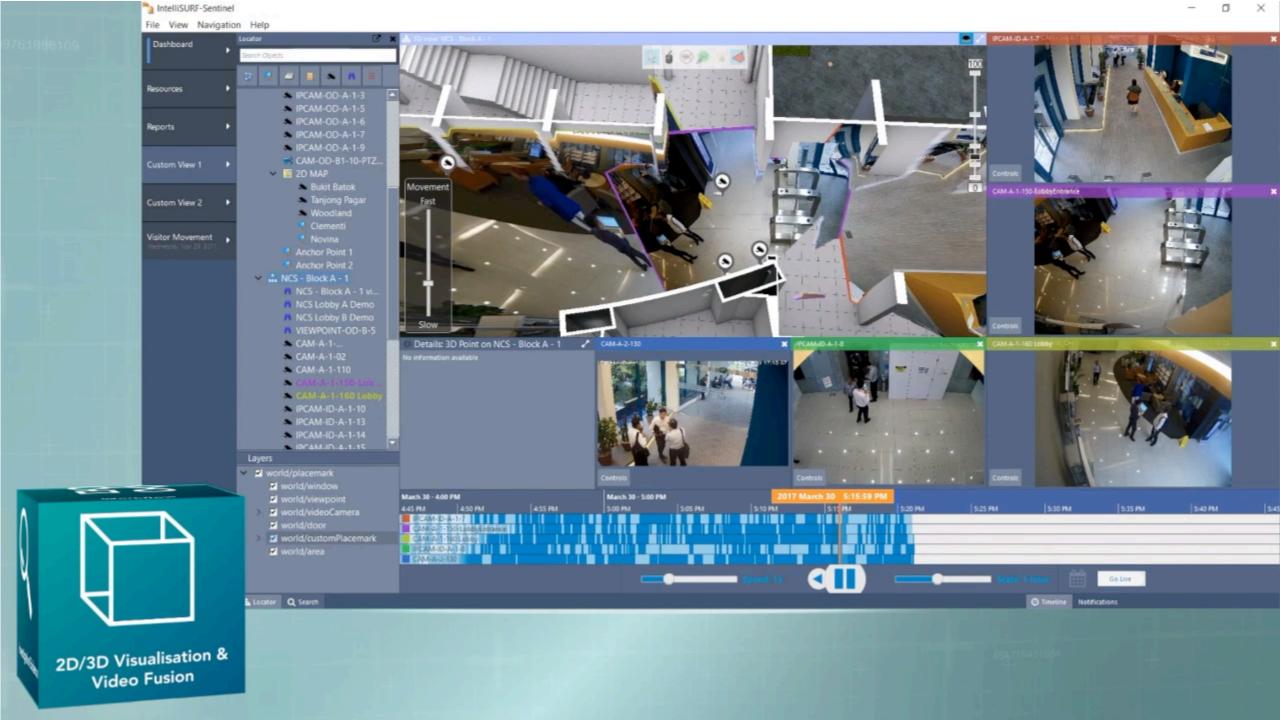




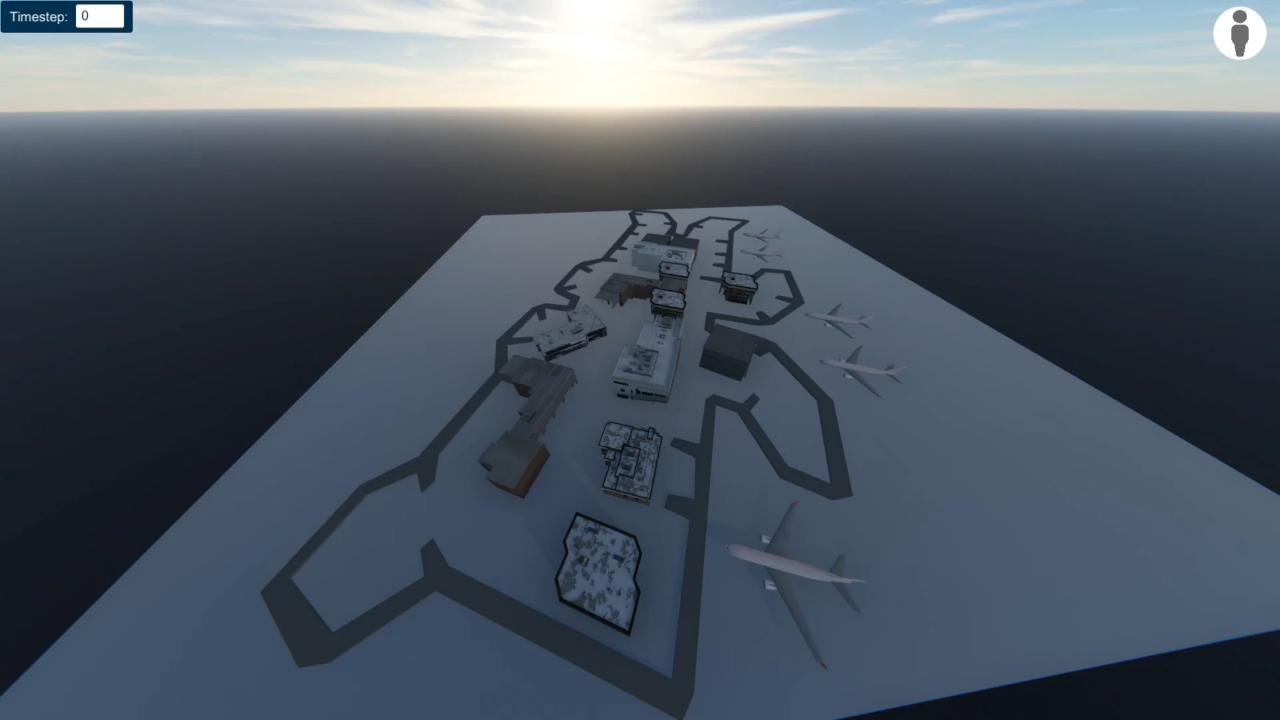












"AI & Robots will not replace managers, but managers who use AI & robots will replace those who don't."

- robot-support@ncs.com.sg