



PurrSong

now

The Waste Drawer is full.
Please empty the Waste Drawer.



Smart Automatic Litter Box

LavvieBot



**World's First
Auto-Refill Tech**



Auto-Cleans



**Triple-Sensor
Safety**



**Tracks
Health**



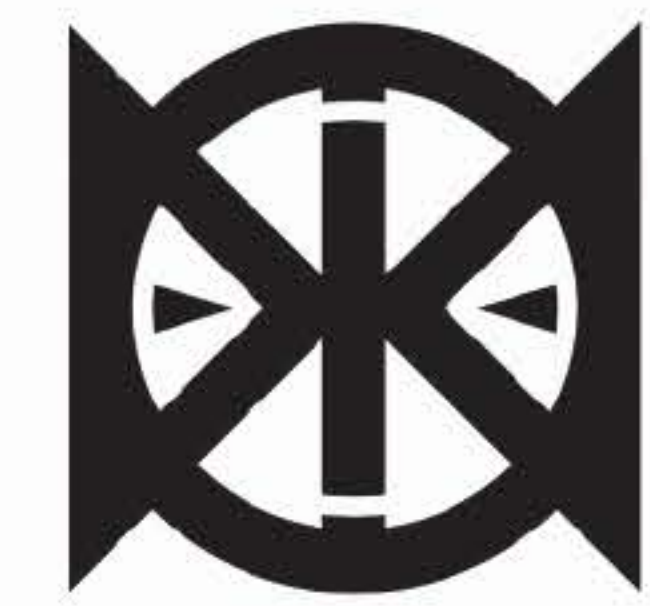
**1-Click
Litter Order**



**Wi-Fi &
Smart App**



PurrSong



VOIXATCH

**More freely,
whenever&wherever**

The best choice for you to
communicate constantly during high
activity.



**Sound is faster and
more accurate than braille**

For people with visual impairment,
delivering information through sound is
much more accurate and faster than
braille, which uses tactile sensors.




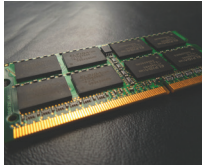
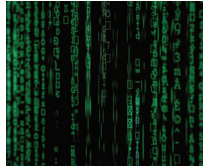
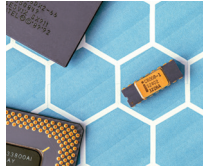


**Smartest secretary
on your wrist**

It is voice-based, providing the
smartest feedback in conjunction with
peripherals.



Dron autonomous running and avoidance maneuver using lidar

Non-GPS-type drones that are effective in inspecting major urban infrastructures in buildings

Flight • Control	By SLAM Non-GPS environment detection	AI • Machine learning	FPGA	Autonomous control	Image processing
					
<ul style="list-style-type: none"> Control boards are equipped with computers that process data collected from numerous sensors and sensors. The control board mounted on the fuselage uses original products developed by Japanese suppliers. Flight controllers used for drones are also developed depending on the purpose of the fuselage 	<ul style="list-style-type: none"> SLAM(Simultaneous Localization & Mapping) is a technology for estimating self-location and mapping the environment at the same time. The developed fuselage enables highly accurate position estimation even in an environment where position information can not be obtained. 	<ul style="list-style-type: none"> Introduction of artificial intelligence or machine learning skills to recognize the environment and make high-level decisions 	<ul style="list-style-type: none"> To overcome the computation burden of technology such as image processing and machine learning, and to promote the introduction of FPGAs for mobile robots 	<ul style="list-style-type: none"> Development of autonomic control technology that allows the fuselage to judge and operate even in a narrow or invisible place 	<ul style="list-style-type: none"> For the safe operation, it developed detection technique of the obstacle by the image processing based on the information obtained from the camera and the route planning technology

Inspection and repair of the inside of the building by remote control of robot

Non-GPS environment can recognize environment and indicate semi-autonomous operation



1 Autonomous movement under non-GPS environment

Develop software to autonomously move to arbitrary position on the map under non-GPS environment

3 Integration of control software components

Improvement of robot start-up speed and simplification of integrated network configuration of components with the goal of stabilizing control RTC

5 Avoiding and reversing obstacles in non-GPS environments

Based on the sensor data from various sensors mounted on the robot, we developed software to avoid or overcome obstacles. Including sensor selection, new mounting and mounting location

2 Automatic arm control

Development of arm control software to automate some of the tasks using your arms from where you go

4 Change controller

Newly equipped PC with CPU and environment to acquire data for PC shumireta



ARTIBO

SMART TOY AI PLATFORM

Artibo is for non-coders and coders alike, as you don't ever need to code Artibo but coders can continue their coding education with ease.

Artibo is designed to be that friend that is small enough to go anywhere you go. Everybody's Best-friend, ARTIBO!



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KICKSTARTER



Consumer
Technology
Association

MOBILE
WORLD CONGRESS
BARCELONA 26 FEB-1 MAR 2018

4YFN | Connecting
Startups

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