

we Live, we Move



ABOUT PIX



Rebuild the city with autonomous mobility

PIX Moving is the world's leading self-driving startup. With research center located in Silicon Valley, PIX is dedicated to developing and manufacturing L4 universal autonomous chassis through metal 3D printing, providing full-stacked software and hardware solution for logistics, retailing, real estate, tourism and other industries. Based on PIX autonomous chassis, different applications can be customized and developed such as self-driving sightseeing car, cleaning vehicle, logistics cargo, retailing vehicle and more, which can be applied in industrial parks, scenic spots, towns, shopping malls and other scenarios. PIX has successfully printed the one-piece-structured chassis in aluminum alloy via WAAM, reducing assembly work by 70%. The chassis has realized L4 self-driving capability in specified area. PIX has got the angel investment from institutes in Silicon Valley like SOSV and currently is working with customer in the US for self-driving intelligent retailing, which will be in operation in late 2019. In July, we've been selected for Autodesk Residency Program in SF, and became one of the winners of Michelin Movin'On Summit 2019 not long ago. PIX owns 20+ patents including the metal 3D printing system.

MILESTONES

2017.7

PIX Moving established

2018.3

The first self-driving hackathon was held successfully with 30 global talented engineer participants. PIX Drive-by-wire chassis V1.0 was released. Moving Community with 200 global developers and engineers became live.

2018.5

Retrofitting 3 passenger cars into self-driving development platforms, lowering the development barrier for general self-driving developers

2018.9

The first engineer training base was founded in joint efforts with Nagoya University, Tier IV, Udacity, Velodyne, and Neouys

2018.11

Two self-driving robo-vehicle prototypes were launched including one sightseeing car and one autonomous robot coffee car

2019.1

PIX digital manufacturing factory of 2000 square meter had its pilot testing production. PIX robo-vehicles conducted complex road testing on various conditions within the industrial park

2019.3

Metal 3D printed the world's first one-piece chassis frame (designed based on AI) in 100 hours

2019.5

Announced PIX universal autonomous chassis of L4 capability. Equipped with hub motors, the chassis is four-wheel steering and fully self-driving compatible

2019.6

PIX office in the US was set up. PIX products got presence in various global mobility events including Michelin Movin'On Summit 2019 and more

2019.6

Got more orders for self-driving platforms and autonomous chassis, including one retrofitted drive-by-wire CRV car

2019.7

Partnership with Goodieboxx, an intelligent retailing company in the US, for the development and operation of self-driving retailing vehicle

ACHIEVEMENTS

- 1.Startup winner for Michelin Movin'On Summit 2019
- 2.National Hi-tech Enterprise
- 3.Selected for Autodesk Technology Center Residency Program
- 3.Reddot Award
- 4.First prize for the 12th Michelin Challenge Bibendum
- 5.Second place for 2019 Smart City Conference Roadshow in Silicon Valley

PATENT

20+

20+ Patents Obtained
Pending International Patents

CORE TECHNOLOGY

01

L4 Autonomous Driving Software Based on Autoware

02

AI-WAAM - Metal 3D-Printing Manufacturing System

03

Generative Design Powered by AI

04

Drive-by-wire System

05

Engineering Capability for Software and hardware Stack

CORE PRODUCTS

I. PIX drive-by-wire kit & drive-by-wire retrofitting



II. PIX By-wire Development Platform



III. Based on the modular universal autonomous chassis with L4 capability - Lower the barrier of self-driving applications



Based on PIX universal autonomous chassis, various applications can be developed such as cleaning vehicle, shuttle car, logistics cargo, mobile retailing and multi-purpose space

WHO WE ARE



Angelo Yu
CEO

Interdisciplinary innovator, entrepreneur, and architect, specialized in the industrialization of high-tech projects. Global perspective and deep insights into industrial trends. Successfully expanded product to global users in 20+ countries. 17 patents owner. Visit from President Xi.



Alexander Carballo Segura
Chief Scientist

Designated Assistant Professor at Nagoya University, Research Consultant at TierIV Inc. Doctor of Engineering (D.Eng.) in Computer Science from University of Tsukuba, Japan. Member of the Institute of Electrical and Electronics Engineers (IEEE) Robotics. Professional Member of the Robotics Society of Japan (RSJ).



Dr. Zhen Wang
CTO

PhD in traffic information engineering and control. Specialized in the research of self-driving cars and intelligent IoT vehicles. Deep expertise in the drive-by-wire technology and in the building of large-scale high-precision map in urban environment as well as the positioning technology. Team leader who won prize in the 2016 and 2017 National Challenge For Future Smart Car and World Self-driving Car Challenge.



Matteo Barale
首席产品官

Research engineer, Design strategy consultant, Co-founder of Etra Project studio. Industry experience across robotics, industrial and manufacturing design, automotive and architecture. Deep proficiency with international design landscape.



曹雨腾
COO

Successfully organized multiple global self-driving hackathons and challenge events. Rich connections and resources within top tech media, investors and industry ecology in the self-driving field. Established solid collaboration foundation for PIX projects.



Siddharth Suhas
Senior Industrial Engineer

MS in Aerospace Engineering, Structures and Materials, University of Michigan. Bachelor of Technology in Mechanical Engineering. Experience in composite air-frame of advanced class rocket, structural design and optimization of the chassis for school's BAJA All-Terrain Vehicle.



Sean Zhu
VP

MBA at University of Wales UK. Computer Science, B.S. at University of Auckland, Michigan. Former co-founder and CEO of multiple technology companies. Responsible for attracting investment and expanding overseas markets.



李雅玲
Community Manager

Early member of PIX team. Years of experience in community management and overseas BD. Successfully bridged international cooperations.