

# 禾多科技 自动驾驶产业落地先行者

HoloMatic, a Pioneer of the Autonomous Driving Applications

禾多科技成立于2017年6月，专注于打造基于前沿人工智能技术和汽车工业技术的自动驾驶方案，具备从车辆线控、多传感器技术到上层自动驾驶核心算法模块的完整布局，是极少数拥有全栈自动驾驶研发能力的公司之一。

禾多科技以促进自动驾驶技术产业化落地为目标，目前聚焦高速公路和代客泊车两大应用场景，打造由本地数据驱动的自动驾驶量产解决方案。

Founded in June 2017, HoloMatic is a startup company dedicated to providing autonomous driving solutions based on cutting-edge artificial intelligence and automotive industry technologies.

HoloMatic is one of the few companies with a full-stack solution of autonomous driving technologies including wire control, multi-sensor fusion and core algorithm designs. Meanwhile, the company provides solutions targeting at series production, as an effort to accelerate the mass application of autonomous driving technologies.

## 禾多战略

## AI赋能 AI Empowered

## 面向量产 Series Production Oriented

## 立足中国 Local Data Driven

## HoloPilot 高速公路自动驾驶解决方案

HoloPilot: HoloMatic's L3.5 Solution of Highway Pilot

HoloPilot目前已完成软硬件平台搭建、多传感器的集成融合，以及智能决策控制等模块的开发，实现了高速公路的自动驾驶，包括自动跟车及车道保持、交通拥堵引导、主动换道及超车、上下匝道、路网切换等功能，支持最高时速120km/h。

HoloPilot, HoloMatic's L3.5 solution of highway autonomous driving, with 120km/h maximum speed supported, is capable of functions including vehicle following and lane keeping, traffic jam pilot, active lane change and overtaking, on/off-ramp and highway-to-highway interchange, which integrates key technologies such as multi-sensor fusion and high-precision localization.



扫描二维码，  
观看HoloPilot精彩视频  
Scan the QR code  
to watch a video of HoloPilot

## HoloParking 智能代客泊车解决方案

HoloParking: HoloMatic's L4 Solution of Valet Parking

HoloParking运用车端、停车场端和高精地图端“三端合一”的技术方案，使无人驾驶的泊车全过程更加安全可靠。驾驶员仅需在固定点交接车辆，即可实现车辆自主寻找车位、停车入库、取车等代客泊车功能，同时支持地下、夜晚、雨雪天气等复杂停车场景下的智能代客泊车，能够保证人车混流情况下的安全。

HoloParking, HoloMatic's L4 solution of valet parking, enables vehicles to find the free space in the parking lot and park automatically. It forms a unique "three in one" structure by integrating the vehicle, parking lot infrastructure and HD maps, to make the whole process of driverless parking safe and reliable. It is the first smart parking solution for autonomous driving capable of operating around the clock and under all weather conditions, from vehicle drop-off to pick-up.



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## 核心团队

### 倪凯 | 创始人兼CEO

- 曾任职于微软和百度深度学习研究院
- 创建了百度无人驾驶团队
- 佐治亚理工计算机博士，清华大学学士和硕士

### Dr. Kai Ni, Founder & CEO

- Worked at Microsoft and the Institute of Deep Learning of Baidu
- Founded the autonomous driving team of Baidu
- Ph.D. degree at the Georgia Institute of Technology

### 孙玉国 | 联合创始人兼首席战略官

- 四维图新创始人、前CEO
- 中国地理信息产业协会会长、武汉大学客座教授
- 武汉大学工学博士

### Dr. Carl Sun, Co-Founder & CSO

- Founder and former CEO of NavInfo
- Chairman of China Association for Geographic Information Society, and Guest Professor of Wuhan University
- Ph.D. degree at Wuhan University

### 骆沛 | 技术总监

- 曾任职于百度深度学习研究院
- 百度无人车项目核心成员，负责高精地图和3D视觉研发
- 北京航空航天大学博士

### Dr. Pei Luo, Technical Director

- Worked at the Institute of Deep Learning of Baidu
- Was responsible for the R&D of HD map, high-precision localization and 3D vision
- Ph.D. degree at Beihang University

### 戴震 | 地图及模拟器负责人

- 曾任职于德国航空航天中心、Garmin导航
- 曾协助国际航海组织 (IMO) 研发出针对组合导航系统的质量检测算法，为戴姆勒公司研发了世界上第一套基于NDS地图的汽车导航系统
- 德国锡根大学博士

### Dr. Zhen Dai, Head of HD Maps & Simulators

- Worked at the German Aerospace Center and Garmin
- Participated in developing the world's first NDS map-based vehicle navigation system for Daimler
- Ph.D. degree at the University of Siegen

2017年

- 6月
- 禾多科技成立  
HoloMatic was founded
- 7月
- 确定天使轮融资  
IDG资本和四维图新领投, 知合控股和BAI (贝塔斯曼亚洲投资基金) 跟投  
Closed angel round financing  
Leading investors: IDG, NavInfo; Co-investors: Zenity Holdings, BAI
- 10月
- 与四维图新正式签署战略合作协议  
双方将合作开发国内外创新的自动驾驶服务和地图相关产品及衍生服务  
Formed strategic partnership with NavInfo  
The two companies will work together to develop innovative autonomous driving services and map-related products and services
- 11月
- 发布「轩辕」自动驾驶研发平台  
Launched “Xuanyuan”, an R&D platform for autonomous driving
- 12月
- 与主机厂签署合作项目协议  
Signed project contract with a major OEM

2018年

- 1月
- HoloPilot高速公路自动驾驶系统公开亮相  
Announced HoloPilot, an automated highway pilot solution
- 6月
- 与一级供应商签订合作项目协议  
Signed strategic partnership agreement with a Tier 1 supplier
- 10月
- 完成A轮融资  
红杉资本中国基金领投, 泛海投资、IDG资本、四维图新和BAI跟投  
Closed A round financing  
Leading investors: Sequoia Capital China;  
Co-investors: Oceanwide Holdings Group, IDG, NavInfo, BAI
- 11月
- 加入Berkeley DeepDrive深度学习自动驾驶产业联盟  
Join Berkeley DeepDrive, an industry consortium for automotive applications
- 世界领先的机器人专家、佐治亚理工学院终身教授Frank Dellaert  
出任首席3D视觉科学家  
Prof. Frank Dellaert, a world-renowned roboticist and a full professor at the Georgia Tech, joined as the chief scientist of 3D vision
- 12月
- 正式发布智能代客泊车解决方案HoloParking  
第一款支持全天候、全场景下真实运营的智能代客泊车产品  
Launched HoloParking, HoloMatic's L4 solution of valet parking  
The first smart parking solution for autonomous driving capable of operating around the clock and under all weather conditions

2019年

- 3月
- 与武汉大学测绘学院成立联合实验室  
Set up a joint lab with the School of Geodesy and Geomatics of Wuhan University
- 4月
- 获得江苏省智能网联道路测试牌照  
首家通过国内高速公路道路测试的企业, 使用量产级配置  
Obtained road test license of intelligent connected vehicles in Jiangsu Province  
The first company to pass the highway road test in China, with configurations ready for series production
- 获得地理信息系统工程乙级测绘资质  
Obtained Grade B Surveying and Mapping Qualification for Geographic Information System Engineering
- HoloPilot完成京沪高速道路测试, 开启大规模路测  
Completed HoloPilot road test on Beijing-Shanghai Expressway, initiating nation-wide highway road test
- 5月
- HoloPilot驶上天津宁静高速  
受邀在世界智能大会进行高速公路自动驾驶示范演示  
Showcased HoloPilot on Ningjing Expressway in Tianjin at the World Intelligence Congress
- 7月
- 移动机器人专家齐聚“禾多未来日”, 共话技术产业化  
Held HoloMatic Future Day, a workshop to discuss the industrialization of mobile robotics

禾多里程碑  
Milestones



毫厘行万里 逐岁稟禾多

