2019

Global Leading Provider of LiDAR
&
LiDAR Application Solutions

Company Introduction

LeiShen Intelligent System Co.,Ltd

镭神智能
LeiShen Intelligent System

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镭神智能
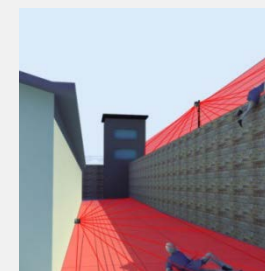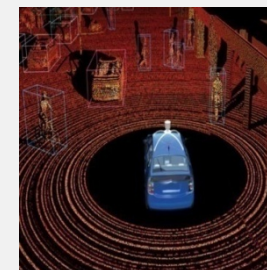LeiShen Intelligent System

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Product Overview

■ Background

Uprising industry│ Innovation pioneer│ Great market potential

The challenge of LiDAR

1. High technical barriers
2. Long development and delivery cycle
3. High cost
4. Difficult to meet the requirements of **Car-gauge**

LeiShen provides high performance, reasonable price, stable and reliable liDAR and industrial application solutions for driverless, robotic, intelligent transportation, industrial automation, intelligent warehousing and logistics, security.

Reasonable & Honest Price
Overall LiDAR and solution provider Worldwide

Exclusives in LiDAR Industry

LeiShen Intelligence is the only LiDAR enterprise in China that has the most complete technical solutions, the most complete product range, the highest technical content, the most stable performance and the reasonable price. It is also the only LiDAR enterprise that can truly realize large-scale industrialization.

The only company in China has fully mastered the TOF series LiDAR (including single-channel, multi-chanel and solid-state LiDAR), CWFM LiDAR , phase method LiDAR and triangular LiDAR ;

The only company in China that masters high-end high-precision high-speed laser sensor technology solutions. ;

The first company in the country to mass produce single-line TOF LiDAR that can be used for AGV, service robot collision avoidance and robot autonomous navigation and positioning. ;

The only company in China that independently develops LiDAR integrated circuit chips. ;

It is the only company in China that successfully developed single-chanel TOF high-precision coaxial LiDAR and AGV reflector navigation single-channel TOF LiDAR ;

It is the only company in China that has independently developed a LiDAR automatic and semi-automatic production line, which has increased production efficiency by dozens of times, improved mass production capacity, improved performance and stability of LiDAR products and reduced costs. ;

The only LiDAR enterprise that can independently produce human eye safety band 1550nm fiber laser for long-range LiDAR ;

The only company that offers a mature application solution for the mainstream industry !

PART 03

Company Profile

■ Working Environment

2000 square meters R&D office

4,600 square meters production plant(ShenZhen)

15,000 square meters factory(ZheJiang Province)

■ Our Team

Leishen Intelligence has more than 250 staffs, over 100 R&D talents, including 40 with master and above degree graduated from universities both at home and abroad, gathering the top experts in Lidar, electronics, laser. Software and automation industries.
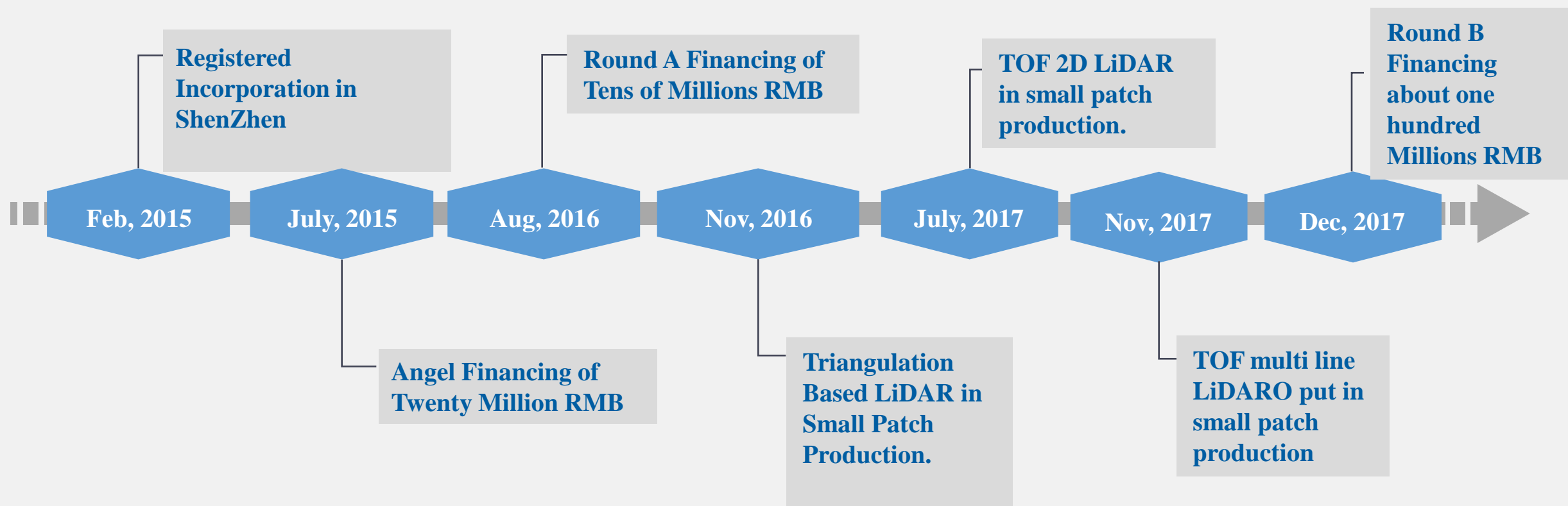
Founder &CEO: Hu Xiaobo

- Founder of both LeiShen Intelligent System Co., LTD., and also the biggest Fiber Laser enterprise in China.

- Majoring in Optoelectronics at Xi'dian University, United Nations• Yale Business School Student（Global Leadership Training Program）；

- 16-years experience in fields of laser scanner, Optical fiber communication, Optical fiber sensing, Optical fiber laser, etc. More than 90 patents obtained, in which 20 are invention patents. Other 34 invention patent applications being processed.

- In 2014, visiting Russian Youth Forum in accompany with Premier Li Keqiang, as one of ten representatives.

CTO：Harvest Guo

➢ In Charge of the overall project development.

➢ Graduated from major of Opto-electronics Technology in Xi'an Electronic and Science University.

➢ Expert in wireless digital signal processing, machine learning project management, and system architecture design.

➢Working Experience
• Senior data center system architecture specialist in Shanghai Representative Office of Xilinx LTD.
• ASIC Design Director Engineer in Microelectronics Research Institute of ZTE Corp.

➢ Experienced in Signal Data Processing, FPGA/ASIC Development, System Architecture Design, and Design of digital signal processing FPGA & ASIC chips.

VGM：VGM：Hongliang Feng

➢In Charge of Production and Quality Management.

➢Graduated from major of Opto-electronics Technology in Xi'an Electronic and Science University.

➢Working Experience
In Charge of R&D, and quality management as Chief Engineer in Shenzhen HuaYueBao Battery Co., Ltd during 1999-2015. And additionally appointed as GM of Polymer Products Division in charge of the overall management of the Division.

➢Awards：
1. Shenzhen High-level Leading Military Personnel (Reserve Level) of 2013.
2. Guangdong Science&Technology Progress Award First Prize of 2013.
3. Shenzhen Science &Technology Progress Award Second Prize of 2013.
4. Shenzhen Pingshan New District Development Talents of 2012.

■ Company Capital

Registered Incorporation in ShenZhen

Round A Financing of Tens of Millions RMB

TOF 2D LiDAR in small patch production.

Round B Financing about one hundred Millions RMB

Feb, 2015 **July, 2015** **Aug, 2016** **Nov, 2016** **July, 2017** **Nov, 2017** **Dec, 2017**

Angel Financing of Twenty Million RMB

Triangulation Based LiDAR in Small Patch Production.

TOF multi line LiDARO put in small patch production

Xidian-LeiShen
Joint Lab.

Joint Lab of Perception Technology for Autonomous Vehicles.

Application of National Natural Science Foundation with National Defense University.

Cooperation with SCUT on Intelligent Robots.
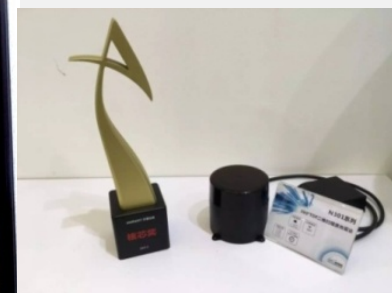
■ Qualification & Honors

In 2017, Leishen Intelligence won the National High-tech Enterprise Certificate

• Leishen has already obtained: ISO9001:2018 management system certification,

• 150 patents including Pending & Authorized

• Authorized 70 patents (58 utility model patents, 12 appearance patents) and 19 software copyright

• 1 authorized invention patent, 43 invention patents in the application phase (42 patents in actual review phase)

• There are 7 PCT international patents in the application stage

■ Qualification & Honors

- ◆ Leishen was selected as the second class student of Alibaba AI track star class in January 2019

- ◆ Formally selected as the second phase of Tencent Accelerator in August 2018

- ◆ Leishen officially became the Baidu Apollo 3.0 unmanned platform eco-partner in July 2018.

- ◆ Won the title of"Shenzhen High-Tech Growth Top 20 and the Star of Tomorrow in 2018"in the Deloitte China

- ◆ Leishen was shortlisted for the first KPMG China's leading automotive technology top 50 list

- ◆ In 2018, boarded the potential unicorn list of "Mongolia, Hong Kong, Macao and Big Bey District Unicorn White Paper"

- ◆ Selected as the artificial intelligence accelerator on the first Bosch-PNP car in 2017

- ◆ In March 2018, Leishen Intelligence won the 2017 Automotive Electronics Excellence Product Award, the Most Investing Value Product Award and the Outstanding Contribution Award

- ◆ China's top 100 SMEs in innovation, the 5th ShenZhen Independent Innovation Top 100 SMEs in 2017

- ◆ The company won the 2017 "China Appliances and Consumer Electronics Oscar" AWE Award

- ◆ Leishen was selected as the "Lidar Research Center" by Shenzhen Innovation and Entrepreneurship Research Institute

- ◆ In 2016,Leishen was selected as the "Golden Radish" core technology award by the international service robot industry

- ◆ In 2015, Radium Intelligent Team was selected as the finalist of the 4th China Innovation and Entrepreneurship Team Team and won the title of "Excellent Team"

- ◆ In October 2016, Leishen was shortlisted by the 2016 Qingke Group's "China's Most Investing Value Enterprise" list.

- ◆ In November 2016, Leiushen won the "Best Popularity Award" in the "Full List of Artificial Intelligence Big Data Venture Capital"

- ◆ In December 2016, Leishen Intelligence won the Top 100 Innovation and Growth Enterprises of China in 2016

■ Marketing

LeiShen in the domestic market propaganda and brand building, we have achieved excellent results and received extensive attention from all walks of life.

Domestic reporting media: CCTV "Chaowen Tianxia", Tianjin Satellite TV "Tianjin News", Xinhua News Agency, Shenzhen Zhongchuang TV, Sohu, Tencent News...

Foreign media: a large number of interviews with dozens of mainstream media such as Popular Science, LIVEPEAK, and Yahoo!

■ Customer Group

Total customer
More than 5,000 exist customer

Total contacted customer
More than 2,800 contacts cooperated or have been established
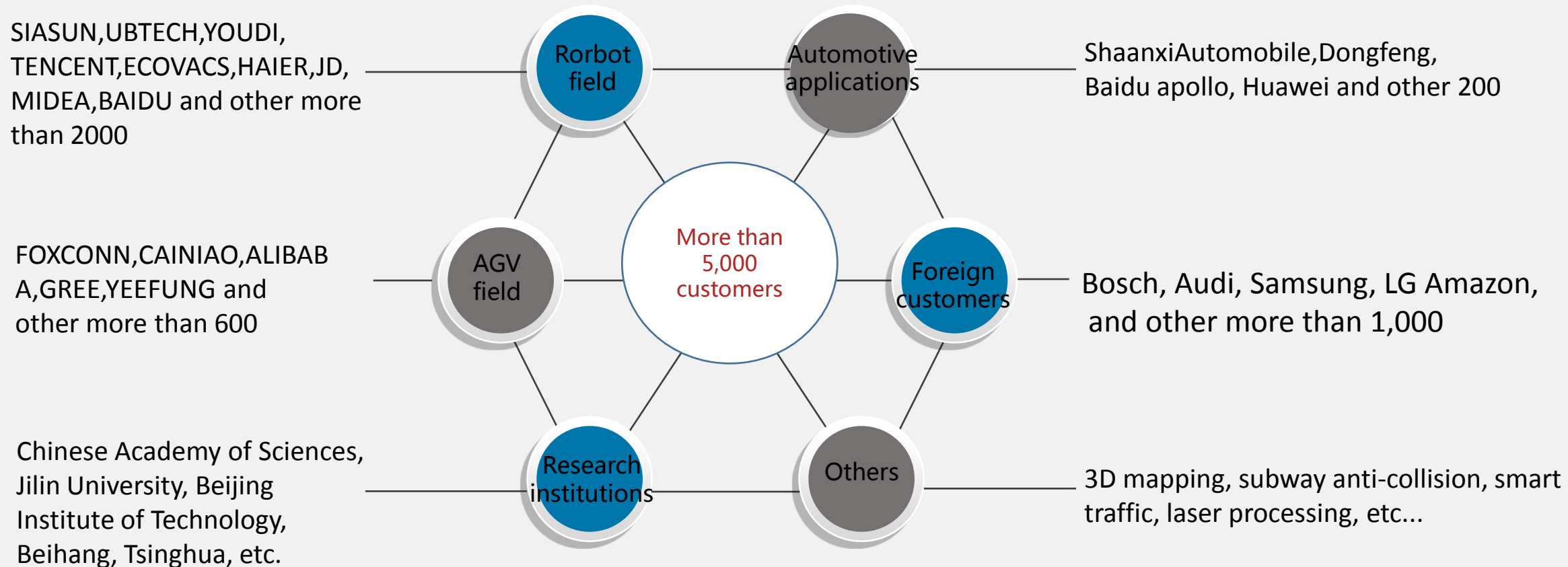
Total customer during the trial phase
At present, the total number of customers testing products: 297

Official customer volume
The total number of customers who have signed formal orders more than 700

■ Customer Group

SIASUN,UBTECH,YOUDI,
TENCENT,ECOVACS,HAIER,JD,
MIDEA,BAIDU and other more
than 2000

ShaanxiAutomobile,Dongfeng,
Baidu apollo, Huawei and other 200

FOXCONN,CAINIAO,ALIBAB
A,GREE,YEEFUNG and
other more than 600

Bosch, Audi, Samsung, LG Amazon,
and other more than 1,000

Chinese Academy of Sciences,
Jilin University, Beijing
Institute of Technology,
Beihang, Tsinghua, etc.

3D mapping, subway anti-collision, smart
traffic, laser processing, etc...

Rorbot
field

Automotive
applications

AGV
field

More than
5,000
customers

Foreign
customers

Research
institutions

Others

2019

THANKS FOR YOUR ATTENTION

LeiShen,
 makes the Smarter Machines,
Safer Driving and Better Life !

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