



**Research on ADAS and Telematics of SAIC
Motor Passenger Vehicle Company, 2017**

Apr. 2018

STUDY GOAL AND OBJECTIVES

This report provides the industry executives with strategically significant competitor information, analysis, insight and projection on the competitive pattern and key companies in the industry, crucial to the development and implementation of effective business, marketing and R&D programs.

REPORT OBJECTIVES

- ◆ To establish a comprehensive, factual, annually updated and cost-effective information base on market size, competition patterns, market segments, goals and strategies of the leading players in the market, reviews and forecasts.
- ◆ To assist potential market entrants in evaluating prospective acquisition and joint venture candidates.
- ◆ To complement the organizations' internal competitor information gathering efforts with strategic analysis, data interpretation and insight.
- ◆ To suggest for concerned investors in line with the current development of this industry as well as the development tendency.
- ◆ To help company to succeed in a competitive market, and

METHODOLOGY

Both primary and secondary research methodologies were used in preparing this study. Initially, a comprehensive and exhaustive search of the literature on this industry was conducted. These sources included related books and journals, trade literature, marketing literature, other product/promotional literature, annual reports, security analyst reports, and other publications. Subsequently, telephone interviews or email correspondence was conducted with marketing executives etc. Other sources included related magazines, academics, and consulting companies.

INFORMATION SOURCES

The primary information sources include Company Reports, and National Bureau of Statistics of China etc.

Abstract

SAIC Motor Passenger Vehicle Company, the object of study in this report, is a wholly-owned subsidiary of SAIC Motor Corporation Limited and undertakes R&D, manufacturing and sales of self-owned brands. The company now has two brands, namely ROEWE and MG. It began implementing the strategy of going electric, intelligently-connected, sharing and global in 2017 with more efforts for driver assistance functions and telematics functions, a move that drove annual sales up 62% to 522,000 units.

In telematics field, SAIC Motor Passenger Vehicle has advanced aggressively, seeing 389,123 units installed with telematics system in 2017, a year-on-year surge of 160.97%, far higher than overall growth rate of 33.60% in the Chinese telematics market, on an installation rate of 81.2%, well above the overall level (24.1%) in the country, with market share rising by 3.70 percentage points over 2016.

One of the biggest highlights of the Internet car is that the independent in-vehicle operating system- AliOS (previously YunOS for Car) is co-developed with Alibaba. Sales of the Internet cars carrying AliOS exceeded 200,000 units in 2017, becoming a major engine for sales growth in recent years. There are 10 SAIC models with AliOS, delivering 4G, OTA, voice interaction, in-vehicle payment, driver talkback and access to peripherals (camera and UAV), and also integrating with Alibaba payment (smart refueling, smart parking), navigation (big data-based active navigation), mobility (Fliggy), and entertainment (Xiami Music and Qingting FM).

With regard to ADAS, warning functions prevail, mainly LDW and FCW. Newly-unveiled AEB and ACC are largely seen on top-of-the-line models with few installations. Camera supports realization of these functions: LDW, LKS, AEB and ACC are based on monocular camera and around-view parking system (AVS) relies on four surround-view cameras.

SAIC Motor Passenger Vehicle started from Level-3 in the autonomous driving field, aiming to realize fully automated driving on expressways in 2020 and make autonomous driving in complex environment come true in 2030. The company began road test in 2015 and has so far run a test mileage of more than 20,000 km cumulatively.

Prototype car tested: MG GS;

Main hardware: 16-beam LiDAR, MMW radar;

Key functions: automatic steering, automatic turnaround, automatic navigation, automatic parking, intersection traffic, Stop&Go, etc.;

Test sites: Shanghai (China), California (USA)

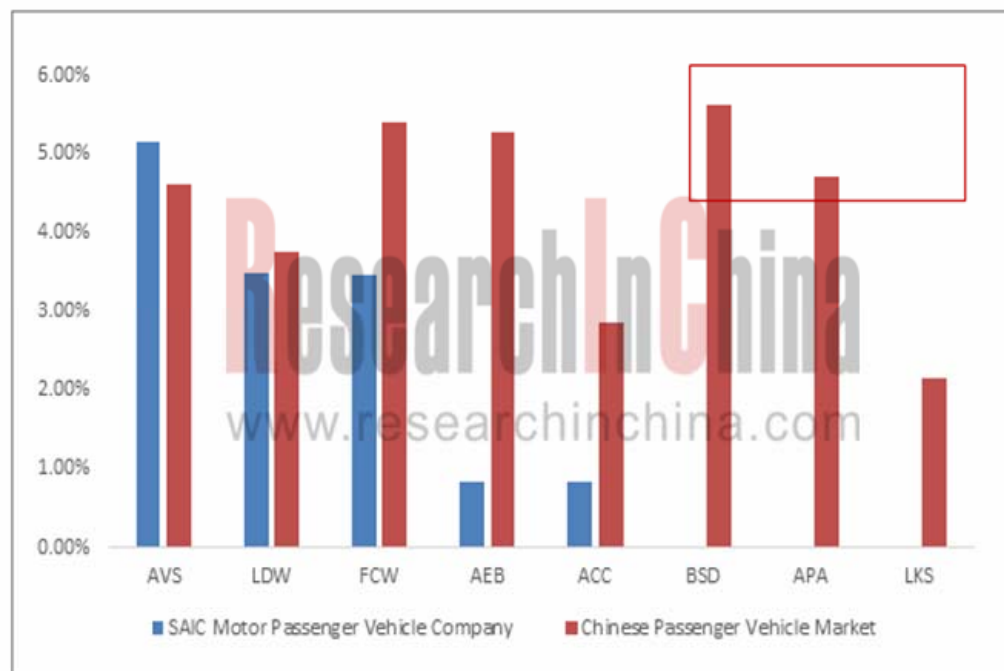
SAIC Motor was granted with permits for road test in California in June 2017 and in Shanghai in March 2018, making for its autonomous driving and telematics test & development in the future.

SAIC Motor Passenger Vehicle is now developing towards fusion of electrification, connection, intelligentization and sharing, and will increase AliOS installations as concerns telematics and seek for a deeper integration with Alibaba's ecosystem. Also, the Company will collaborate with Huawei and China Mobile in 5G field. In respect of ADAS development, priorities will be given to AEB, ACC and APA. MMW radar is anticipated to be used for advances in autonomous driving.

Research on ADAS and Telematics of SAIC Motor Passenger Vehicle Company, 2017 by ResearchInChina highlights the followings:

- ◆ ADAS configurations, system installation rate, the rate of models with ADAS, market share, major partners;
- ◆ Progress in the road test of autonomous driving and development planning;
- ◆ Telematics overview, features, installations, installation rate, market share;
- ◆ DCM installations, installation rate, market share, development characteristics;
- ◆ Installations, installation rate, market share and features of cellphone-vehicle interconnected function;
- ◆ Partners in ADAS, autonomous driving and telematics.

Installation Rate of ADAS Functions on SAIC Passenger Cars and in Whole Chinese Passenger Car Market, 2017



Source: ResearchInChina

Note: Similar reports are listed below:

- Research on ADAS and Telematics of Changan Automobile, 2017
- Research on ADAS and Telematics of GAC, 2017
- Research on ADAS and Telematics of BYD, 2017
- Research on ADAS and Telematics of Audi, 2017
- Research on ADAS and Telematics of BMW, 2017
- Research on ADAS and Telematics of GM, 2017
- Research on ADAS and Telematics of Hyundai, 2017
- Research on ADAS and Telematics of BAIC, 2017
- Research on ADAS and Telematics of Toyota, 2017
- Research on ADAS and Telematics of Honda, 2017
- Research on ADAS and Telematics of Dongfeng Motor, 2017
- Research on ADAS and Telematics of Geely, 2017
- Research on ADAS and Telematics of Ford, 2017
- Research on ADAS and Telematics of Great Wall Motors, 2017

Chapter I Company Profile

- 1 Introduction
- 2 Business Systems
- 3 Production Base and Capacity
- 4 Financial Indices
- 5 Automobile Sales

Chapter II ADAS and Autonomous Driving

- 1 Summary
- 2 ADAS Functions and Implementation Way
- 3 ADAS Configurations of Key Models
- 4 ADAS Installation Rate, the Rate of Models with ADAS, and Market Share
- 5 ADAS Partners and Cooperative Modes
- 6 Prediction of ADAS Functions
- 7 ADAS Solutions and Tendencies
- 8 Road Test of Autonomous Driving
- 9 Planning of Autonomous Driving
- 10 Partners in Autonomous Driving

Chapter III Telematics

- 1 Overview of Telematics System
- 2 Installations, Installation Rate and Market Share of Telematics System
- 3 Features of Telematics System
- 4 DCM Installations, Installation Rate and Market Share
- 5 DCM Development Features
- 6 Installations, Installation Rate and Market Share of Cellphone-Vehicle Interconnected Function
- 7 Features of Cellphone-Vehicle Interconnected Function
- 8 Partners in Telematics

You can place your order in the following alternative ways:

1. Order online at www.researchinchina.com
2. Fax order sheet to us at fax number: +86 10 82601570
3. Email your order to: report@researchinchina.com
4. Phone us at +86 10 82600828

Party A:			
Name:			
Address:			
Contact Person:		Tel	
E-mail:		Fax	

Party B:			
Name:	Beijing Waterwood Technologies Co., Ltd (ResearchInChina)		
Address:	Room 509, 1+1 Building, No. 10, Caihefang Road, Haidian District, Beijing, China 100080		
Contact Person:	Liao Yan	Phone:	86-10-82600828
E-mail:	report@researchinchina.com	Fax:	86-10-82601570
Bank details:	Beneficial Name: Beijing Waterwood Technologies Co., Ltd Bank Name: Bank of Communications, Beijing Branch Bank Address: NO.1 jinxiyuan shijicheng, Landianchang, Haidian District, Beijing Bank Account No #: 110060668012015061217 Routing No #: 332906 Bank SWIFT Code: COMMCNSHBJG		

Title	Format	Cost
<i>Total</i>		

Choose type of format

- PDF (Single user license)2,400 USD
- Hard copy 2,600 USD
- PDF (Enterprisewide license)..... 3,800 USD

※ Reports will be dispatched immediately once full payment has been received.
Payment may be made by wire transfer or credit card via PayPal.

About ResearchInChina

ResearchInChina (www.researchinchina.com) is a leading independent provider of China business intelligence. Our research is designed to meet the diverse planning and information needs of businesses, institutions, and professional investors worldwide. Our services are used in a variety of ways, including strategic planning, product and sales forecasting, risk and sensitivity management, and as investment research.

Our Major Activities

- *Multi-users market reports*
- *Database-RICDB*
- *Custom Research*
- *Company Search*

RICDB (<http://www.researchinchina.com/data/database.html>), is a visible financial data base presented by map and graph covering global and China macroeconomic data, industry data, and company data. It has included nearly 500,000 indices (based on time series), and is continuing to update and increase. The most significant feature of this base is that the vast majority of indices (about 400,000) can be displayed in map.

After purchase of our report, you will be automatically granted to enjoy 2 weeks trial service of RICDB for free.

After trial, you can decide to become our formal member or not. We will try our best to meet your demand. For more information, please find at www.researchinchina.com

For any problems, please contact our service team at: