

# Autono-MaaS

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(AUTONOMOUS MOBILITY AS A SERVICE)

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A light brown silhouette of a world map showing the continents. The text "Toyota – in the World" is overlaid in blue.

## Toyota – in the World

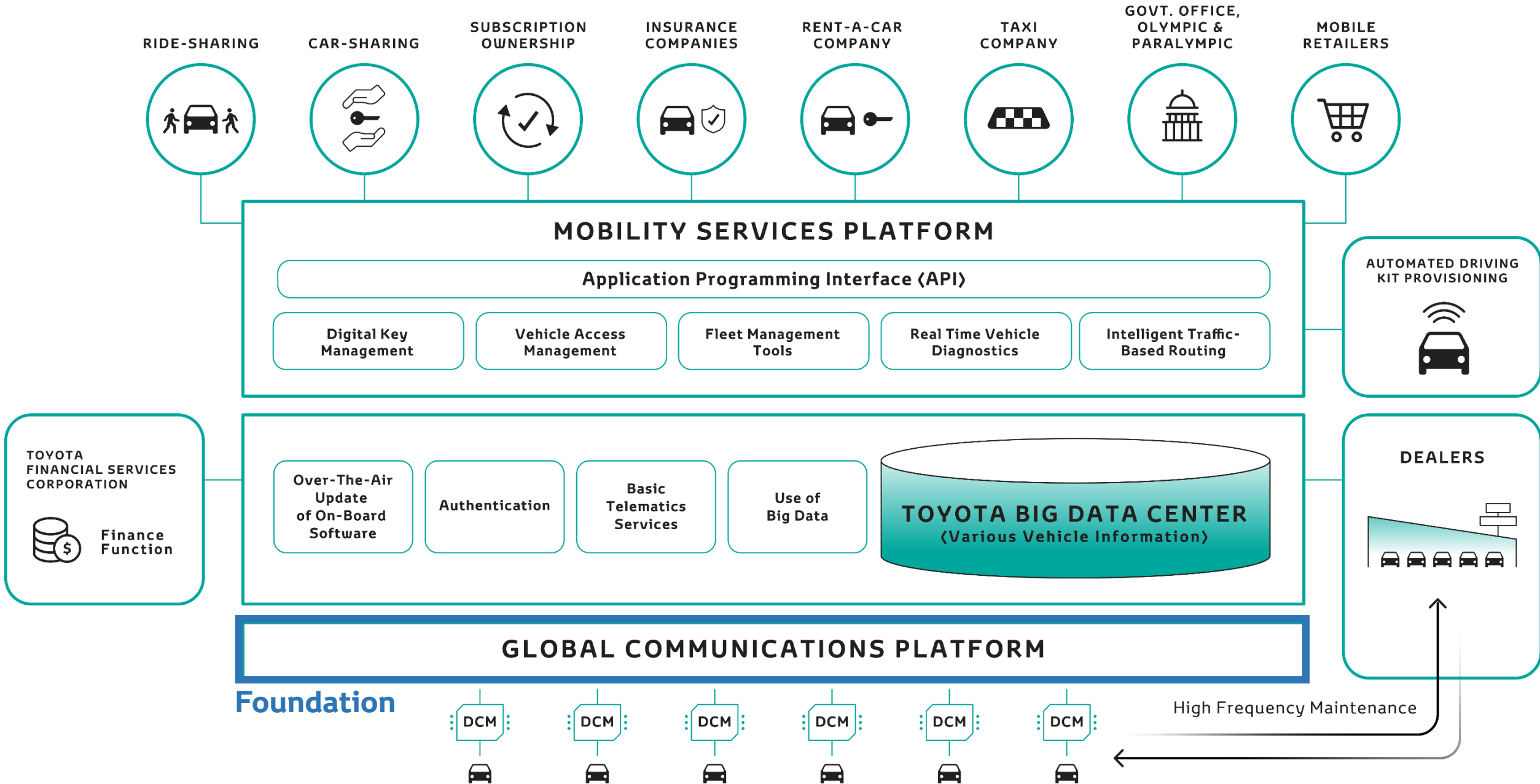
- Established in **1937**
- **53** manufacturing companies in **28** countries and regions, outside of Japan
- Vehicles sold in more than **170** countries and regions worldwide
- **10.386** million vehicles sold worldwide in CY 2017
- Market share: **47.2%** in Japan, **14.1%** in US in CY 2017
- More than **11** million cumulative hybrid sales
- Net income totalled **€15.4** billion in FY16-17
- Around **370,000** employees worldwide

A light grey silhouette of the European continent. The text "Toyota – in Europe" is overlaid in blue.

## Toyota – in Europe

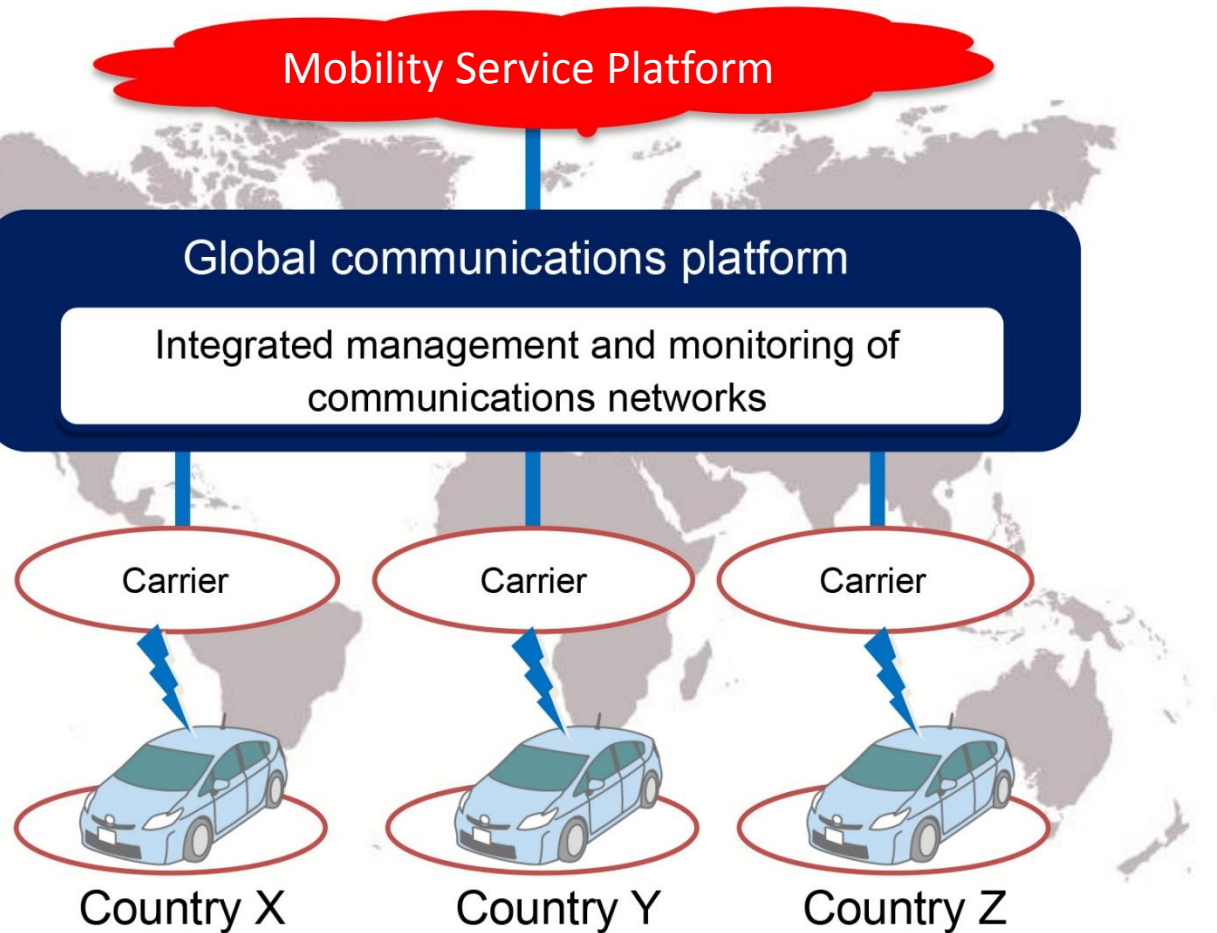
- Began selling cars in **1963**
- **9** manufacturing plants in **7** countries
- Over **€9** billion invested since 1990
- More than **€6** billion spent with European-based suppliers per year
- **1,001,662** vehicles sold in CY2017
- More than **1,500,000** hybrid vehicles sold in Europe
- **4.8%** market share in CY 2017
- Employees (approx.): **20,000**

# MaaS Main Functions and Overall Architecture



# Global Communications Platform

Always bring greater connectivity to Toyota and Lexus vehicles throughout the world.



## GCP Purpose

- Automatically connected everywhere (**Without relying on roaming services**)
- Stable, Low Cost, High Quality Services
- Also adhere to all relevant regulations in each country and region

## GCP Challenges

- 5G standardization
- MVNO Communication Management- Multiple countries and jurisdictions
- Preventing cyber attacks

Globally unified Data Communication Module will be equipped in all new Toyota and Lexus vehicles as of 2020 in Japan and US.

# e-Palette

New Mobility Ecosystem  
and Concept Vehicle



04:31 pm



# Video

<https://www.youtube.com/watch?v=M2jLbt1neAo>