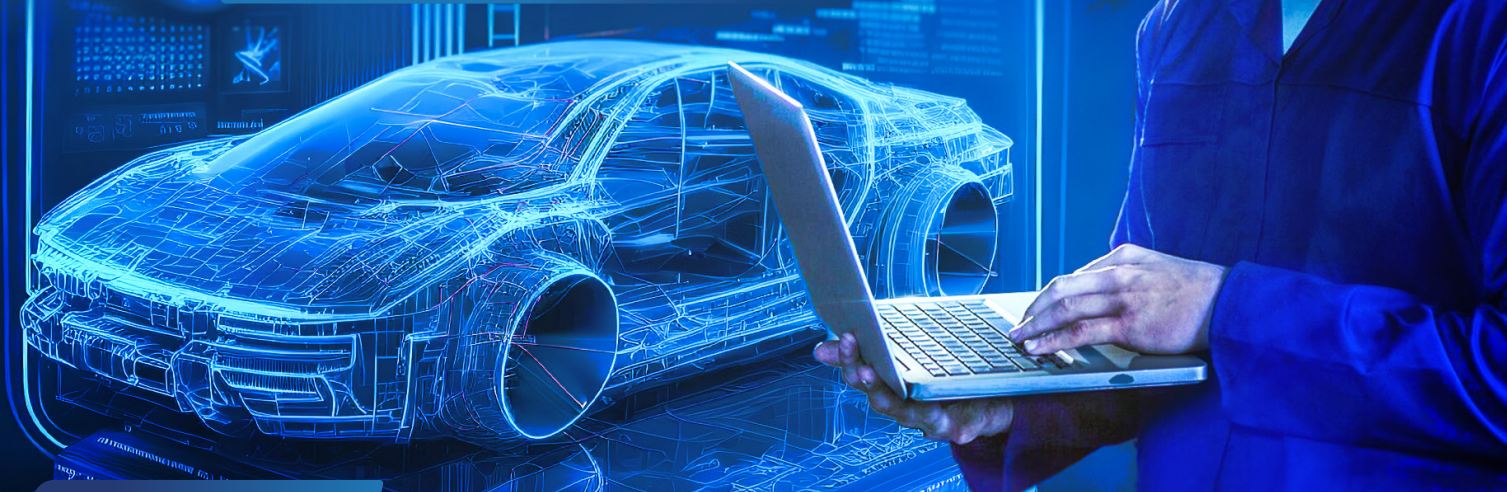# BIG 4 U.S. OEM:
HIGHLY QUALIFIED TEAM SLASHES DELIVERY TIME BY MORE THAN HALF WITH MAAZ

FPT

OUR CLIENT

The client is an American multinational automobile manufacturer operating in over 125 countries. Since the beginning of the 20th century, the company has sold automobiles, commercial vehicles, and luxury cars. With the ambition to adapt and pioneer changes, our client has been evolving to focus on services, experiences, software, and vehicles.

During the Covid - 19 pandemic, the automotive industry and our client, in particular, suffered dramatic changes in which consumers hastened their demand, while suppliers met more difficulties to deliver high-quality services on time. Our client sought the help of MaaZ, an AUTOSAR solution from FPT Software, to take on these challenges.

With the same innovation mindset, FPT Software and the car OEM established a strategic partnership to implement and develop AUTOSAR technology jointly.

HIGHLIGHT

Increased product quality: Upgraded client's ASPICE from level 1 to level 3.

Reduced strategic recovery plan delivery time by 60% (from 1 year down to only 4 months).

Successfully converted OEM platform to Android Automotive within 1 year.

THE BUSINESS NEEDS

The client expected to receive prompt solutions that could innovate product quality continuously. With proven experiences, high efficiency, and flexibility to complete essential tasks, MaaZ was proudly trusted to accompany our client on this mission:

- **12+ years** of experience in Platform (MCAL, BSW, SWC, Microcontrollers), Tools, Safety, R&D, etc, which comply with ISO26262 A-SIL A/B/C/D and A-SPICE Level 3.

- **End-to-End Turnkey Solution** with ready-made platforms, tools, and services accelerating the AUTOSAR transformation.
- **CI/CD/DevOps** as the de facto standard.
- **500+** AUTOSAR experts.

Efficiency = Time to market x Cost x Quality

- **Big pool of software engineers** working in parallel (5,000 automotive software engineers) for shorter time-to-market
- **Optimal cost competitiveness** with offshoring to Vietnam & presence in 27 countries.
- **Secure and high-quality software services** based on experiences with the world's top chipmakers, tier-1 automotive suppliers, and OEMs.

PROVEN EXPERIENCE

HIGH EFFICIENCY

FLEXIBILITY

- **Adaptive** to frequent changes in requirements.
- **Flexible & scalable working model:** on-site, offshore & dual shore.
- **Flexible business models:** onshore, offshore, hybrid & even BOT (Build-Operate-Transfer).

BIG 4 U.S. OEM:

HIGHLY QUALIFIED TEAM SLASHES DELIVERY TIME BY *MORE THAN HALF* WITH **MAAZ**

FPT

THE CHALLENGES

The Covid-19 pandemic caused lockdowns worldwide, including the U.S. and Vietnam markets, for a long time of at least 2 months, making it difficult to travel, deliver or have meetings for detailed discussions. HW variant delivery was blocked, and their existing automotive software supplier delayed delivery by almost one year. Moreover, their ASPICE level was misjudged, which was level 1 at that time but assumed to be level 3.

SOLUTION

For the highest quality and time reduction, three solutions were strategized:

01 **Provided highly qualified engineers with AUTOSAR Embedded skills:** MaaZ sent the best-embedded engineers to North America to work with them in their factories. Thanks to FPT's presence in 27 countries and 22 development centers, MaaZ's **5,000 automotive software engineers**, and 500 AUTOSAR experts accessible all the time, the workforce was easily scaled up to accelerate the development process.

02 **Created a strategic recovery plan and baseline status:** Our client's previous vendor had delayed the project platform for 1 year without any output. MaaZ helped them with their baseline status and created a recovery plan in just **4 months.**

03 **Applied a hybrid working model,** onshore & offshore, to speed up the development process: FPT has a diversity of working models which can be mentioned particularly as onshore, offshore, nearshore, and hybrid. For this client, MaaZ deployed 30 engineers in America and 130 in Vietnam with the addition of 5,000 automotive engineers and **500 AUTOSAR experts** for the best interaction and support anywhere, anytime, based on practical situations.

ABOUT US

FPT Software is a global technology and IT services provider headquartered in Vietnam, recording more than USD 803 million in revenue in 2022 and over 27,000 employees in 27 countries. As a pioneer in digital transformation, the company delivers world-class services in Smart factory, Digital platforms, RPA, AI, IoT, Cloud, AR/VR, BPO, and more. It has served 1000+ customers worldwide, a hundred of which are Fortune Global 500 companies in the industries of Automotive, Banking and Finance, Logistics & Transportation, Utilities, and more.

VALUES

• **World-class certifications and increased product quality:** Our solution has successfully helped the client upgrade their ASPICE from level 1 to level 3.

• **Time-to-market reduced significantly:** With the new baseline status and strategic recovery plan, their platform was recovered in 4 months from cooperation, which saved delivery time up to 60%. When our client required a new platform based on Android Automotive, our team successfully converted the existing platform into Android Automotive within 1 year.