

#GoDeeperToScale

Mobility

Alind Saxena

Executive Director & President – Mobility & Hi-Tech

Shailendra Shrivastava

Chief Segment Officer - Mobility



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Mobility Segment



8000+ Engineers		300+ Patents		20 M+ Vehicles Engineered	
2021	2022	2023	2024	2021	2022
Automotive Hub established in Munich	5 Yr. Infotainment deal with EU OEM	5G networks for urban railways	Empaneled as SDM Partner with EU Auto OEM	90M+ Auto-Tier-1 EV transformation	Global Strategic Engineering Supplier for EMES3 for Airbus
Skywise Partner for Airbus	\$20 M strategic partnership with Off-Highway Major	1st IP sale of Track Inspection solution TrackEI	70 M+ Auto Tier-1 Business Consolidation	Digital Transformation Partner for Railroad major	
\$20 M+ Accounts					
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6					

Key Market Growth Drivers

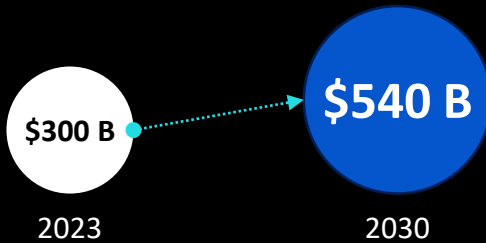


AUTO

\$3 T

Market Size
by 2030

Global ER&D
Spend



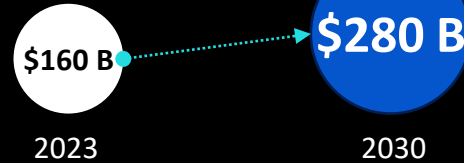
Key Growth
Drivers

- Software Defined Mobility – Feature-as-a-Service
- Electrification
- Enhanced User Experience - Smart Cockpits
- Advanced Safety



T&OH

\$2 T

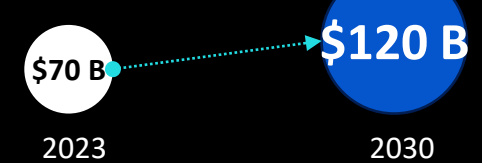


- Sustainability – Drive towards Electrification
- Logistics Automation - Autonomous
- Asset Utilization
- Urbanization & Infra investment



AEROSPACE & RAIL

\$1 T



- Short Haul Flights - Urban Air Mobility
- AI adoption for Air Traffic Management
- Multi Modal Transport connectivity
- Rail Modernization and Speed

Our Strategic Areas



1

SOFTWARE DEFINED MOBILITY

Onboard

EE Architecture &
Vehicle Software

Offboard

Connected Services
Apps

Development Environment

Virtualization &
Digital Twin



2

ELECTRIFICATION & HYBRID TECH

Powertrain

Alternate Fuel &
Hybrid

Energy Function

BMS, Packaging

Charging Infra

Onboard, Offboard
& Wireless

Power Electronics

Inverter, Converter,
Motor Design



3

VEHICLE ENGINEERING

Body Engineering

Platforms, Interiors &
Exteriors

Avionics

Flight Control, In-Flight
Entertainment, Power
Generation

AI Powered Product

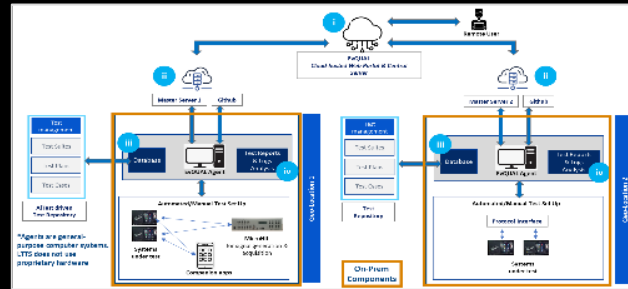
Development
Product Design Cycle
Optimization

Digital Manufacturing

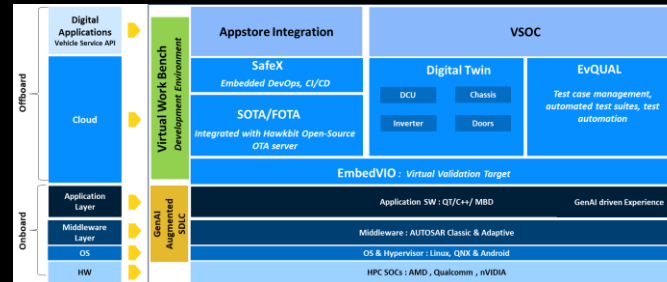
Layout optimization,
Asset Performance

Software Defined Mobility

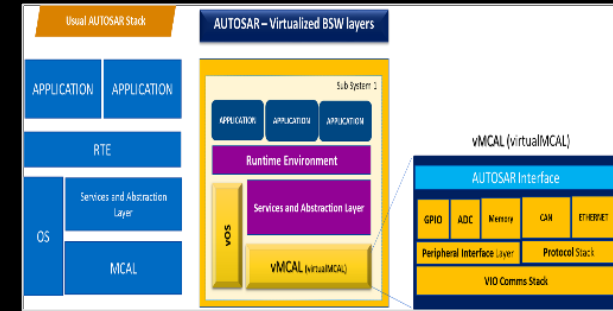
DEVELOPMENT FRAMEWORK | SOLUTIONS | ACCELERATORS | LABS



EvQUAL



EmbedVIO

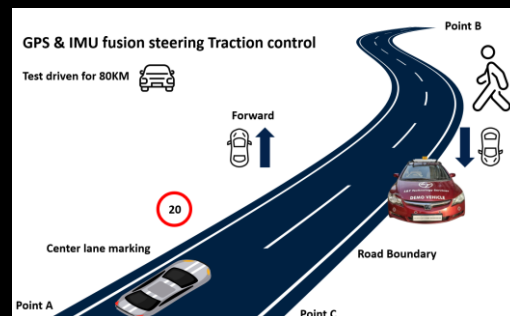


ONBOARD

OFFBOARD



Digital Cockpit



AV Stack & Algorithms



Data Management & OTA



App Store & App Engineering

Electrification & Hybrid Tech



6 OEMs / 10 Tier-1s
Globally



50+
Production Programs

KEY ENGAGEMENTS



NA Auto Tier-1 - Strategic EV
Engineering partner



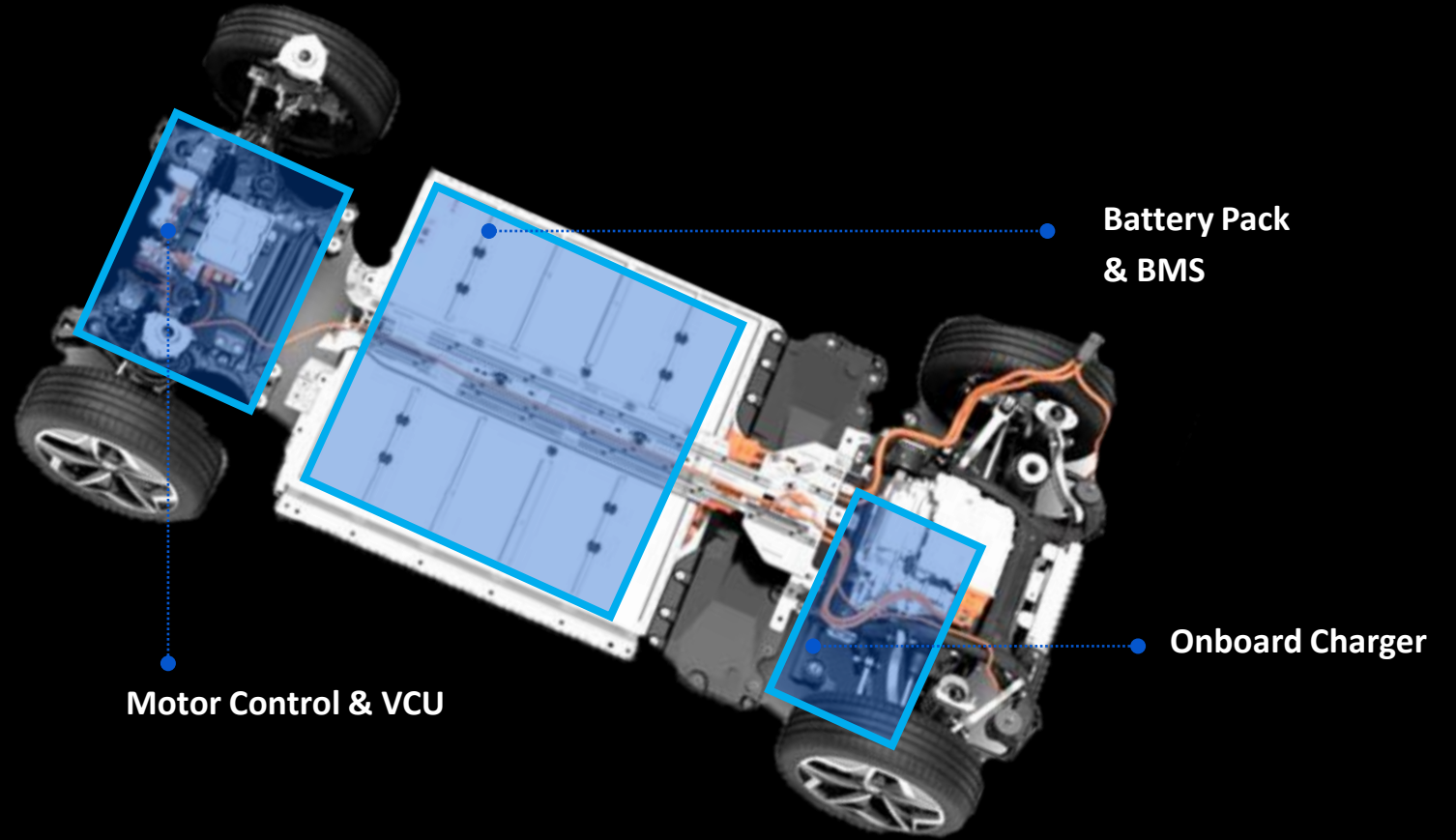
NA construction & mining OEM -
High voltage 800V EV platform
development



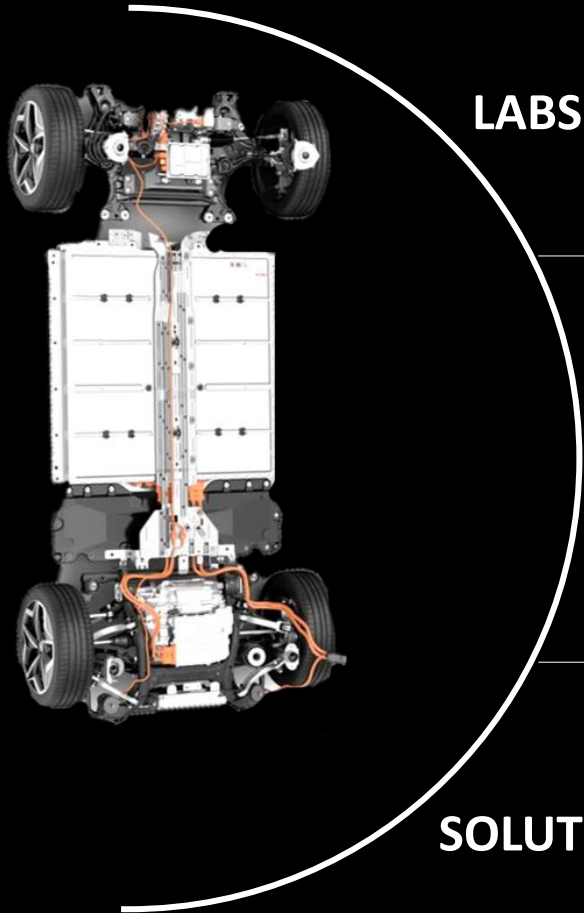
eVTOL OEM – e-propulsion
design & simulation

ALLIANCES & PARTNERSHIPS

				
CHAdeMO	KLE Academy	CHARIN	IIT Madras	IIT Madras Gandhinagar



Electrification & Hybrid Tech



LABS

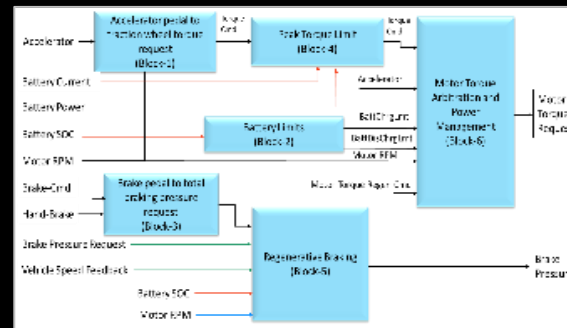


Electrification Lab

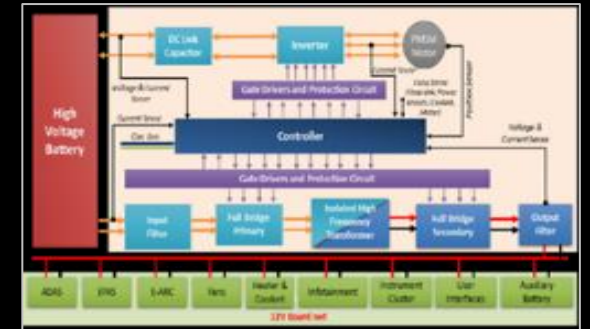


Power Electronics Lab

ACCELERATORS



Vehicle Control Unit Software



Motor Control

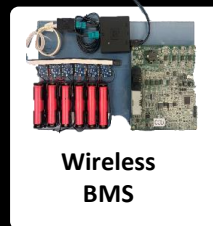
SOLUTIONS



Vehicle Control Unit



AL-Air Battery



Wireless BMS



Onboard Charger



Integrated Inverter & Motor



LTTTS Fuel Cell

Vehicle Engineering


 50+ OEMs & Tier-1s

 80+
Production Programs

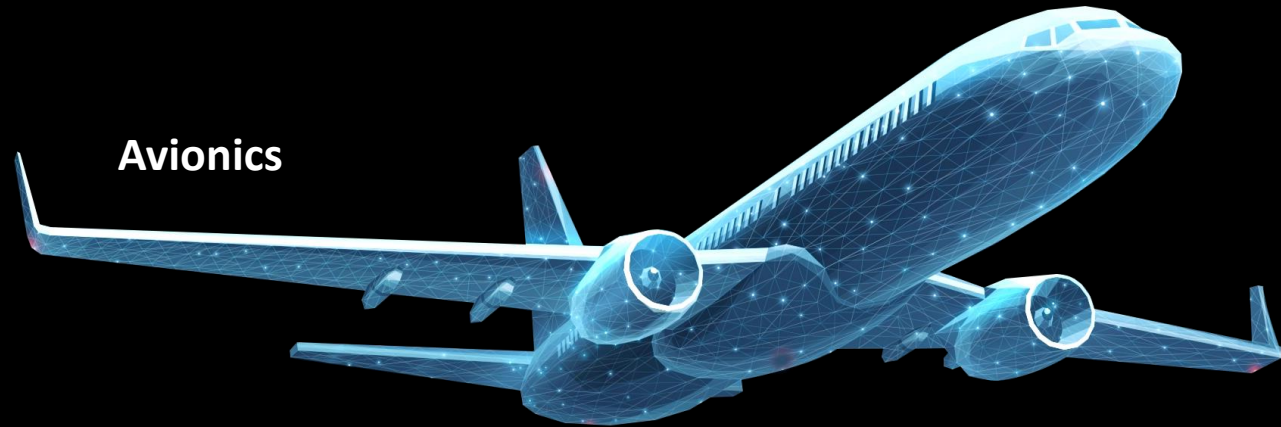
KEY ENGAGEMENTS

 NA/Japanese OEM - 5+ Model
Year program

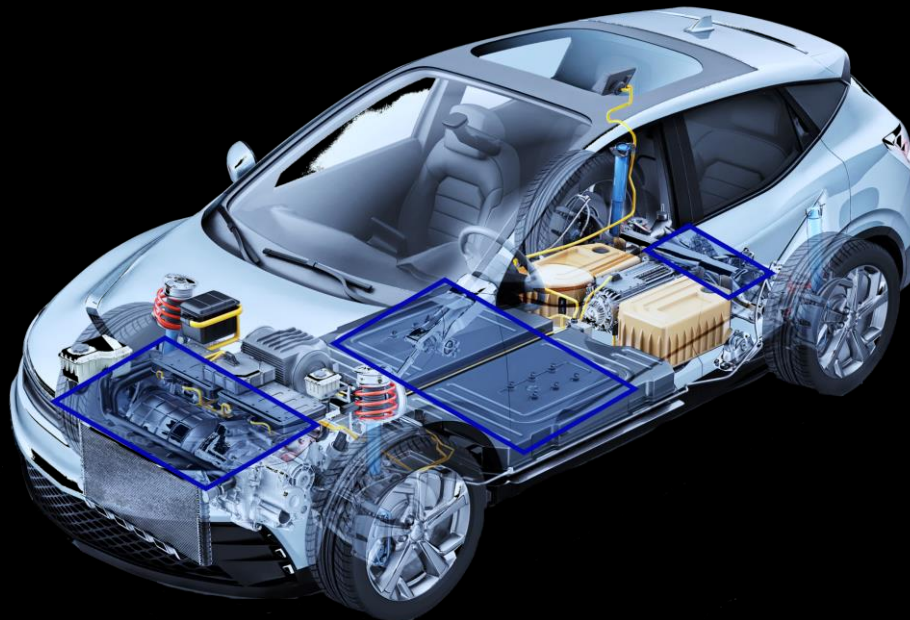
 NA powersport OEM -
NPD from concept to SOP

 Global Aero OEM -
Simulation CoE & EMES3 partner

ALLIANCES & PARTNERSHIPS



Avionics



Body Engineering

Vehicle Engineering

Avionics



HuD display SW development

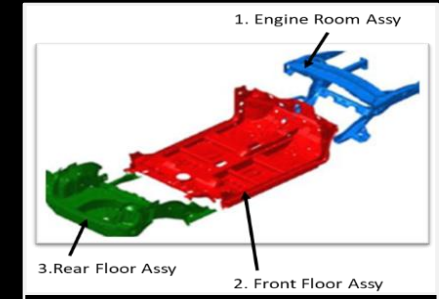


Flight Control Computer



Haptics on Soft Trims

Body Engineering



Platform Commonization



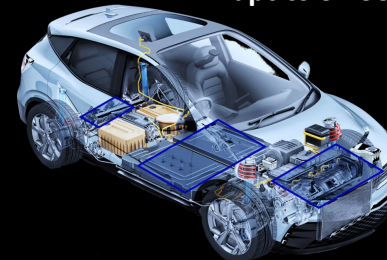
Digital Manufacturing



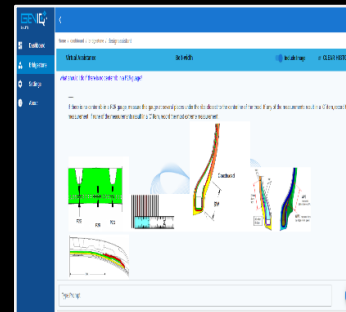
I4.0 Implementation – Process Automation, Energy, Labor reduction



AR/VR– Digital Manufacturing



AI/GenAI Powered Product Development

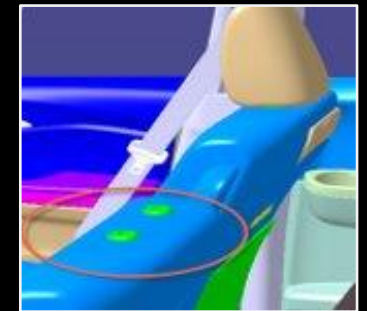


GenAI Assistants

Product Design Assistant
Information from internal documentation

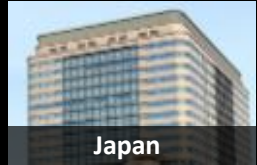
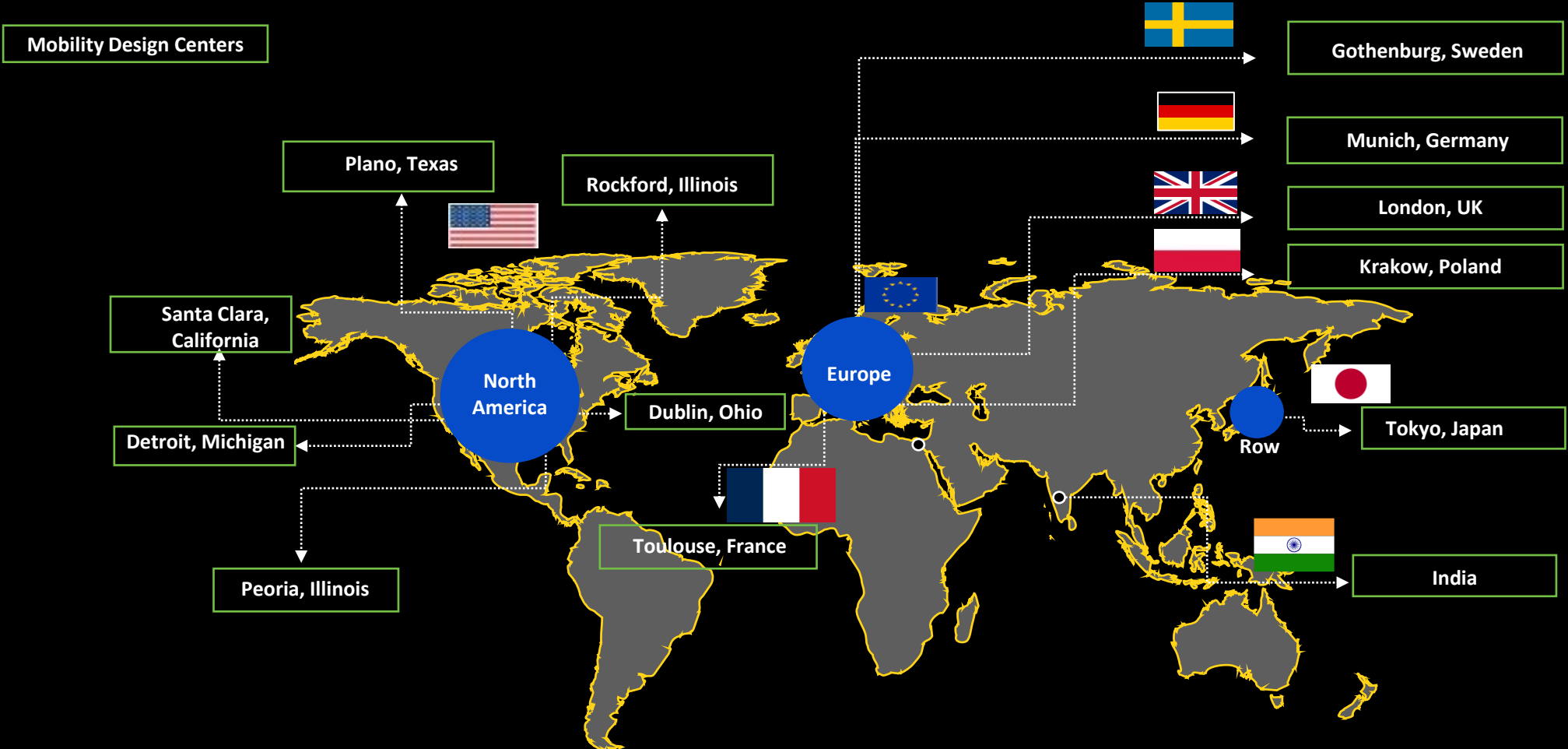
DVP AI assistant
Design Verification Plan for R&D

FMEA AI assistant
FMEA report for Digital Cockpit

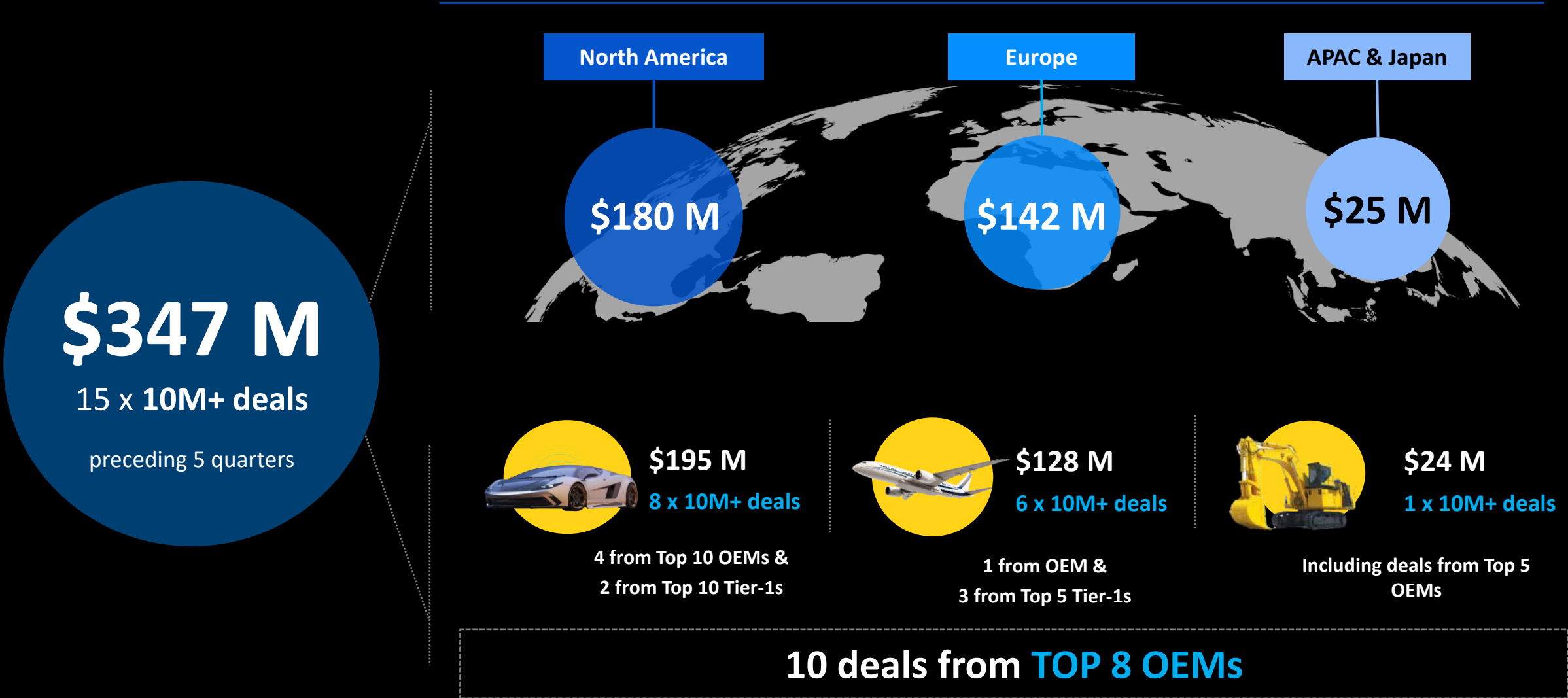


AI based Digital Model Check

Multi-Geo Engineering Strategy

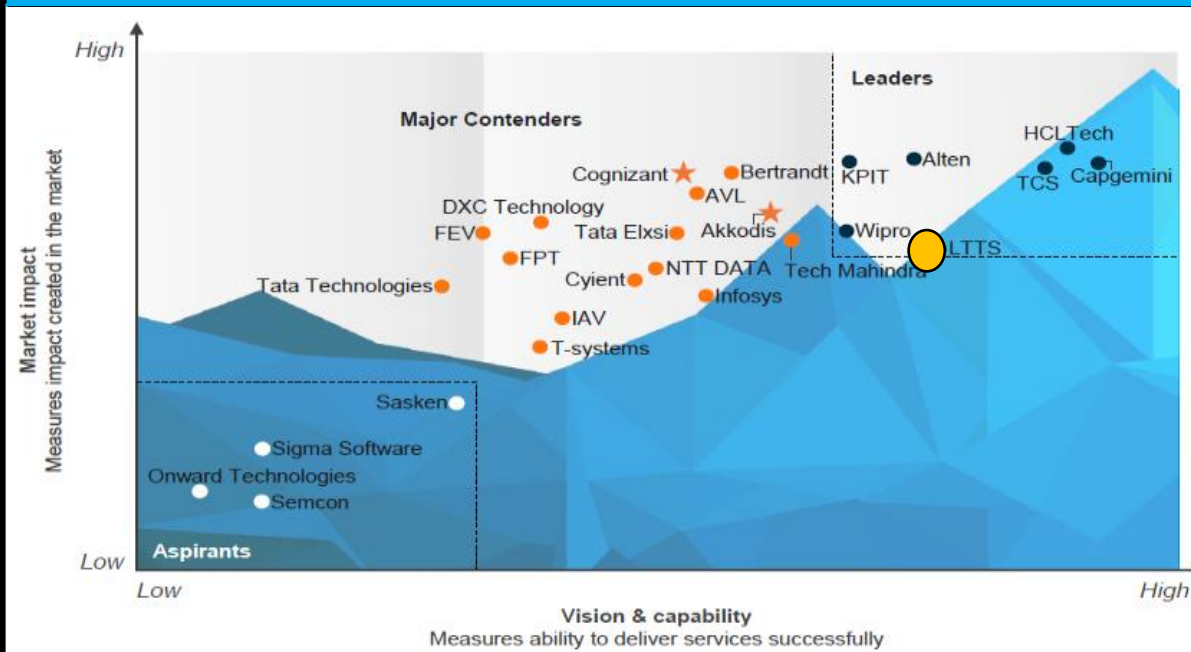


Large Deals - Strong Momentum



The World has Taken Notice...

Everest: ACES Automotive Engineering Services – Electric 2023



ISG: Product Engineering - Autonomous, Connected, Electric & Shared



Rated as leaders across Connected, Electric, Autonomous & Aerospace segments

... and Recognized us as a Trusted ER&D Partner

Awards and Accolades

John Deere Partner-level Supplier



Innovation in EV Charging Infrastructure

Collins Aerospace Top Supplier of the Year

LTTS in the News

BlackBerry



“

Collaboration to offer suite of automotive technologies for SDVs

“

Revolutionizing Automotive Infotainment with Digital Twin Technology

“

Collaboration to provide innovative business models to customers

“

Established Simulation Centre of Excellence

“

Strategic Partnership on Ultra-Low Emissions Engineering in Germany and India

Where will the Growth Come from

■ Software Defined Mobility
 ■ Electric Vehicle
 ■ Vehicle Engineering + Avionics

Revenue: **\$1 B**

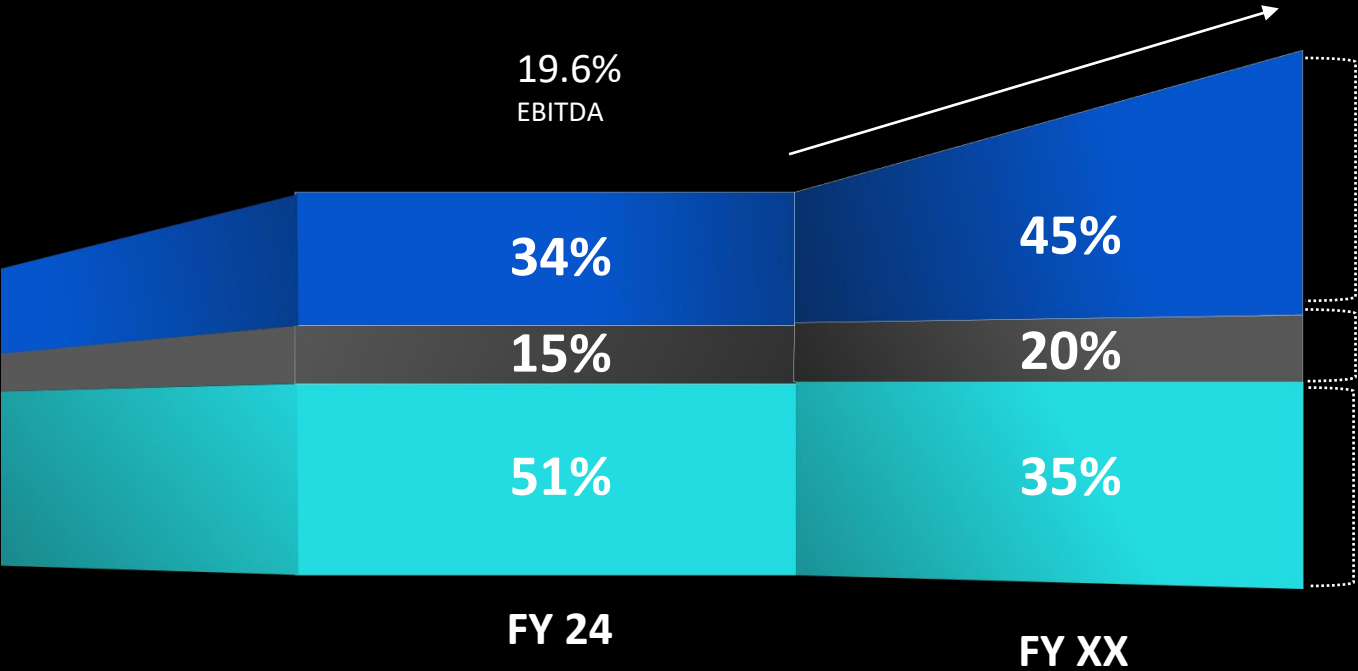
\$382 M

Revenue

EBITDA: **20% - 22%**

19.6%

EBITDA



Software Defined Mobility - Hypergrowth

- Transformation partner
- Differentiated Solutions & frameworks
- Alliances with Hyperscalers

Electrification & Hybrid Tech - Accelerate

- Build on hybrid solutions to cater changing OEM needs
- Component testing : Utilize existing capabilities and test infra

Vehicle Engineering - Steady

- Annuity business
- Spend consolidation

**Purposeful.
Agile.
Engineering.**

Thank You