Co-creation with Auto OEM Major

Leveraging a “living lab” for FactoryNXT

- Estimated 260 Bn* global spend by 2030 in Factory Digitization
- Flexible & Agile Production Line
- Outcome Assurance
- Single platform addressing entire plant value chain

* Acumen Research and Consulting
Value Creation through FactoryNXT

- **50% Productivity Improvement**
- **40% Reduction in Manufacturing Conversion Cost**
- **30% Energy Consumption Reduction**
- **Zero Defect Stages – 70% Improvement**
- **2000+ Machines connected for TBM & CBM**
Co-creation with an Auto OEM Major

Leveraging focus on EV Engineering

Estimated EV R&D global spend for 2023 is 255 Bn*

Leap to become the leader in EV space

Differentiated capability to offer e-axle solution end to end.

* Acumen Research and Consulting
Electrification Disruption: Opportunity Scape

**Vehicle**
- Top Hat Design (Interiors + Exteriors)
- User Experience & Digital Cockpit
- Materials Selection

**Manufacturing I4.0 & Supply Chain**
- Platform Design & Development
- Component Design & Development
- MIH Alliance
- Platform Benchmarking
- Vehicle Integration & Validation

**Infrastructure & Connected Experiences**
- Vehicle Software Development
- ECU SW Lifecycle
- Autonomous & Connectivity
- E/E Architecture/ Zonal HPC
- Automotive OS and Automotive Cloud
- Charger Management System
Co-creation with the EPC Leader

Partnership for digitalization and connectivity for the EPC and O&M market

Industry 4.0 Market to reach USD 254B by 2028*

Expand market presence through captive Engineering clients of the EPC leader

Leverage deep technical domain expertise and grow the platform/digital engineering business

Build brand recognition and digital stewardship in Oil & Gas, Utilities, Mining, and Petro-chemical industry

*Vantage Market Research
Co-creation with a leading Auto OEM

Augmented Reality solution for Aftermarket Technical support

AR/VR Market estimated to grow to 450 Billion* by 2030

Proven Co-creation with the customer - Deployed to over 4000 dealerships globally

Right expertise on demand – 80% first interaction resolution

Powerful potential for repeatability – 287,000 Technician and 134 million repair orders in NA Auto alone

* Acumen Research and Consulting
Co-creation with Tier 1 Japanese Partner

JV to leverage deep understanding of Japan’s automotive sector to provide digital engineering services

- Japan ER&D market estimated to be over $ 50Bn
- Combining business experience in Japan with advanced engineering and development expertise
- Provide 360° solutions for autonomous, EV and connected cars
Co-creation with Large Scale Product & Platform Partner

Partnership to create technology that will underpin the world’s first cognitive community

- Estimated spend of $100 Bn on technology for the smart city
- Cognitive Lens: Real-time situational awareness
- Digital Twin Platform: BIM (Building information modeling)
- Metaverse: Enterprises for collaboration
Impact

- Cross leveraging of strengths and relationships
- Expansion into new markets
- Enhancing offerings by bringing domain experience
- Thought leadership and brand enhancement
- New and non-linear revenue streams