

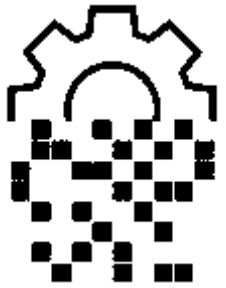
Top AIoT Trends that will Change Your Business

Tony Liu, Corporate Investment, Advantech

Jill Tseng, IoT.SENSE, Advantech



Key Technology Trend of the Year 2020



**Digital
Transformation**



**Artificial
Intelligence**



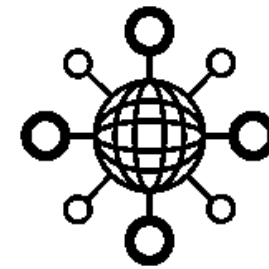
**Edge
Computing**



**IoT
Platform**

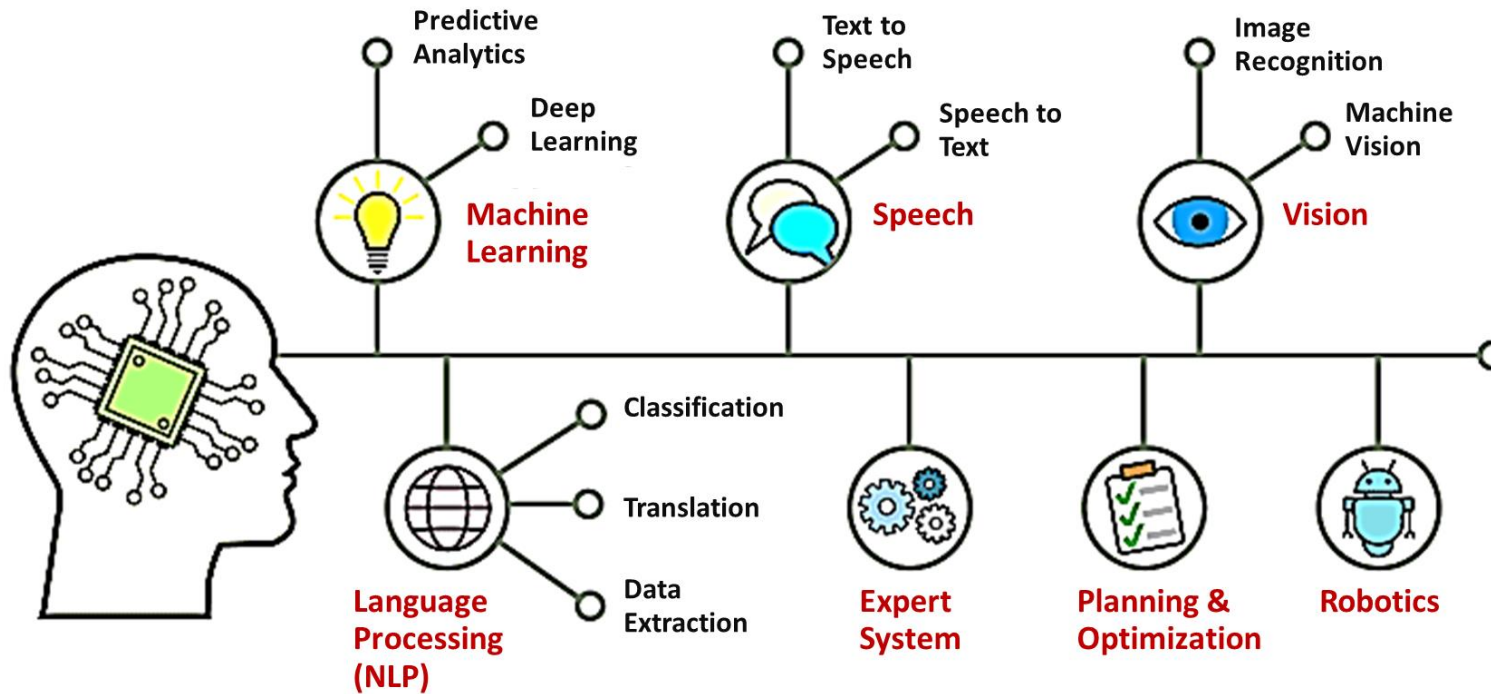


Decoupling

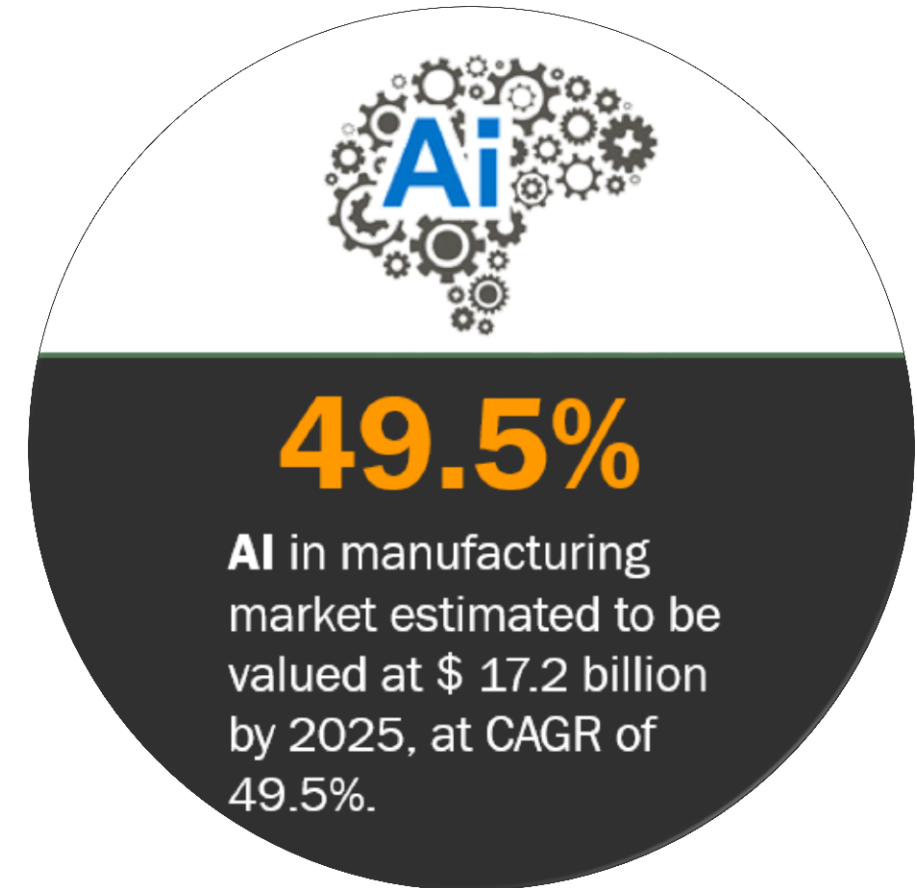


Eco-System

Is AI Meaningful for IoT Application?



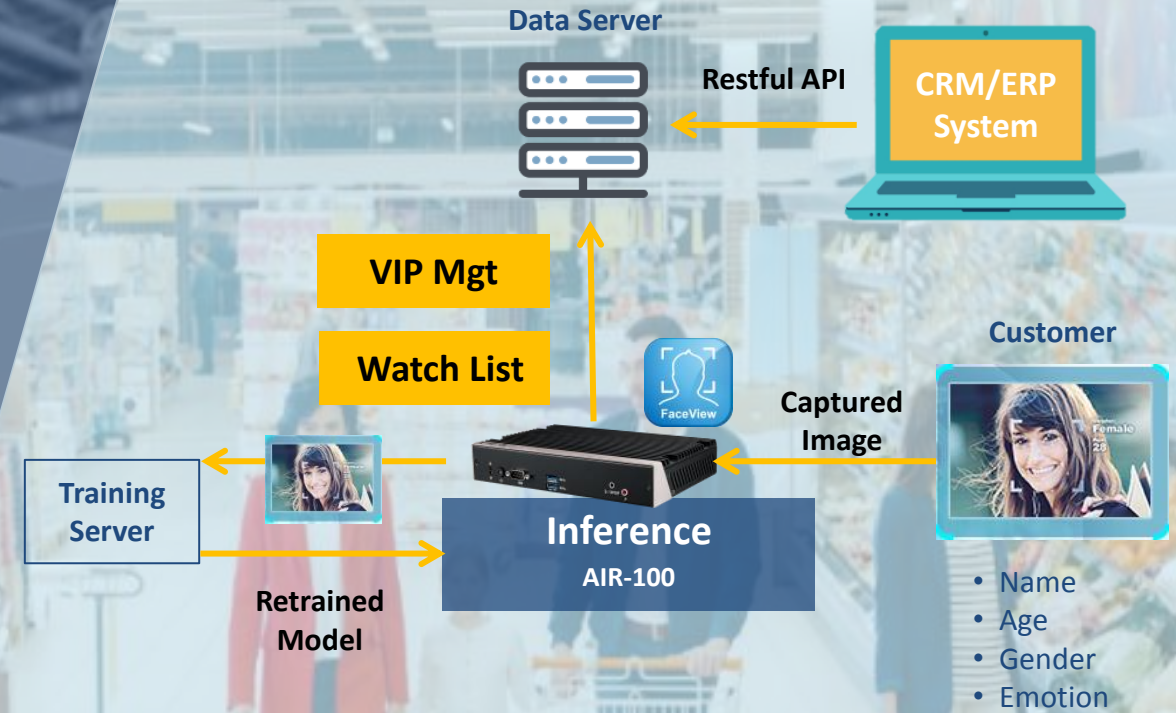
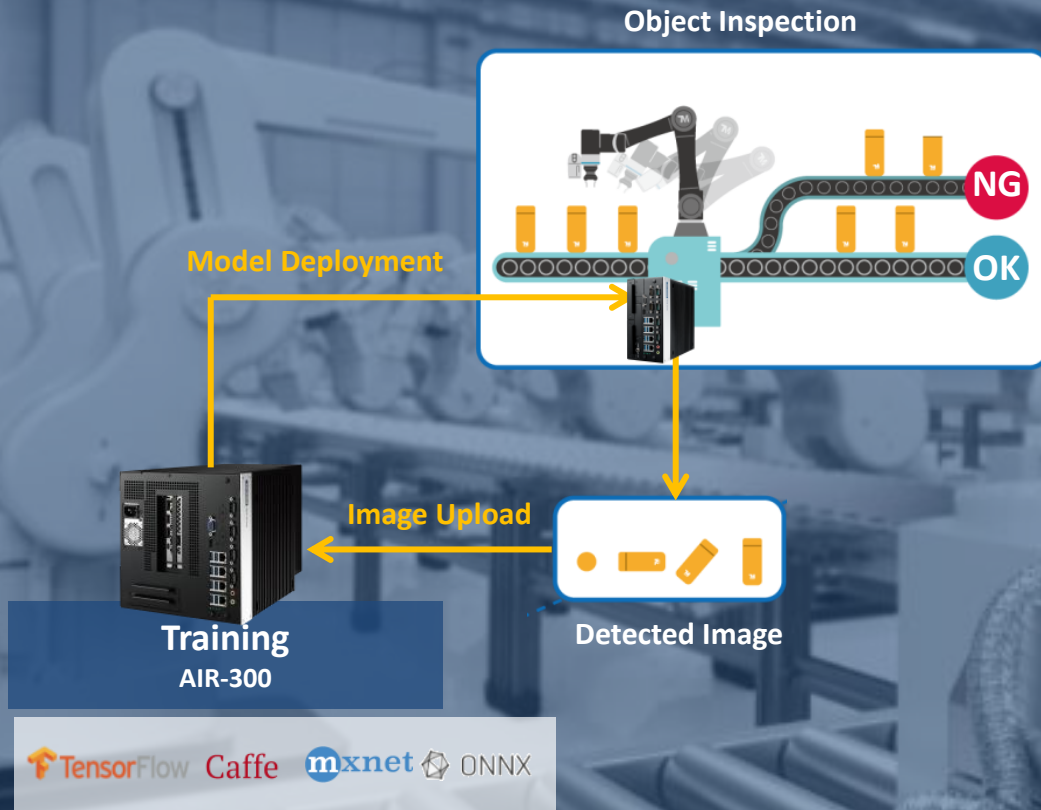
Source: By [Samuel Greengard](#), Posted May 24, 2019



Source: MarketsandMarkets

Edge AI in Industry 4.0:

360 Degree Inspection with Robot Vision



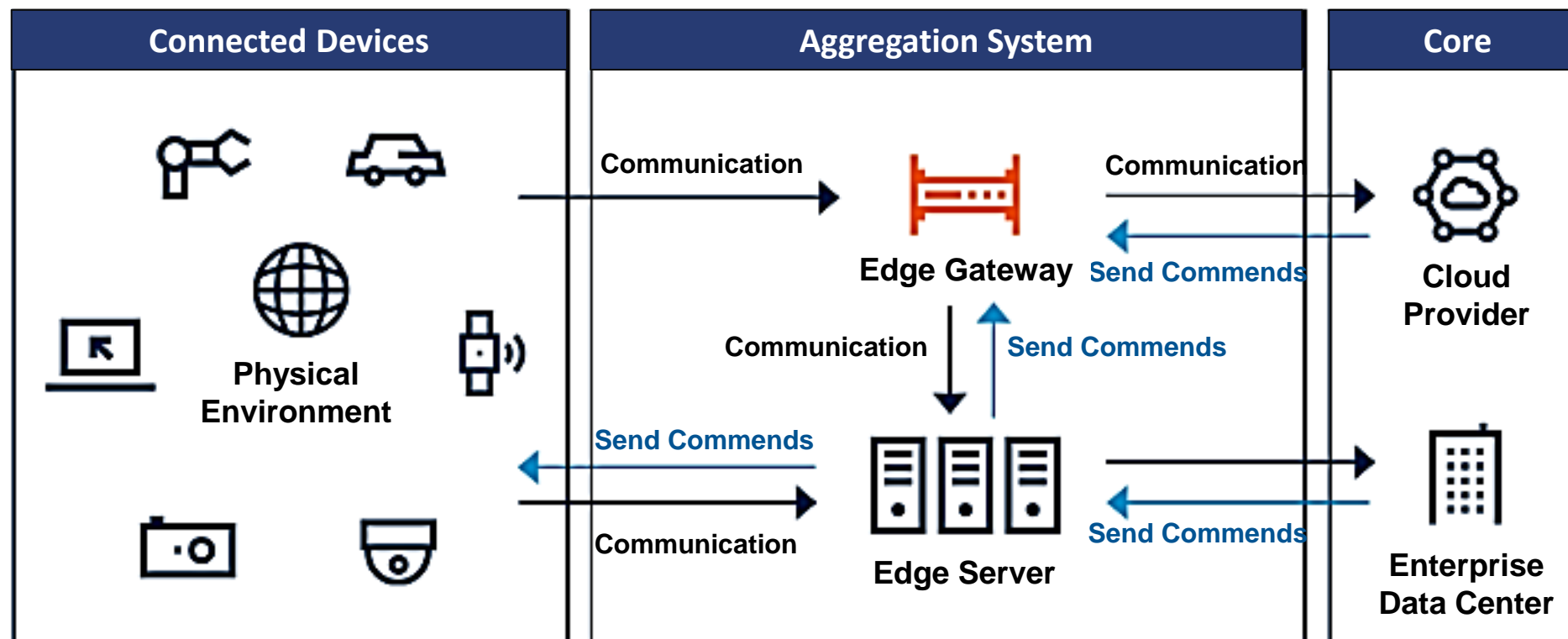
Edge AI in Retail:

Real-time Customer Analysis & Management

Connected Edges will Spread out Everywhere



A Complex Mix of Technology and Infrastructure



Thousands of
Data Centers

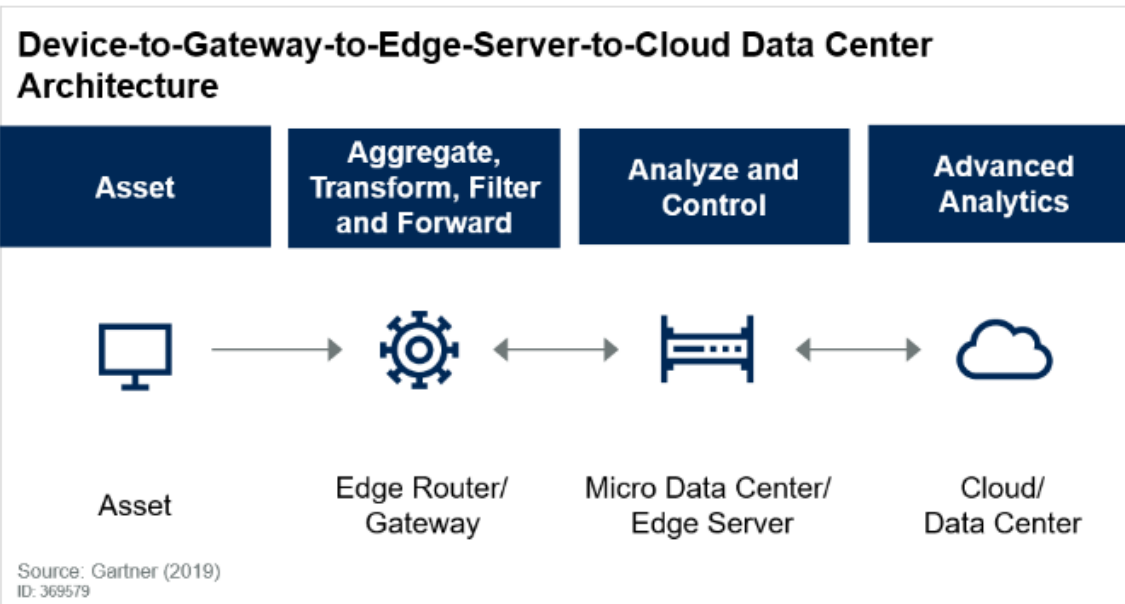
Millions of
Private Cloud
Nodes

Billions of
Connected Edges

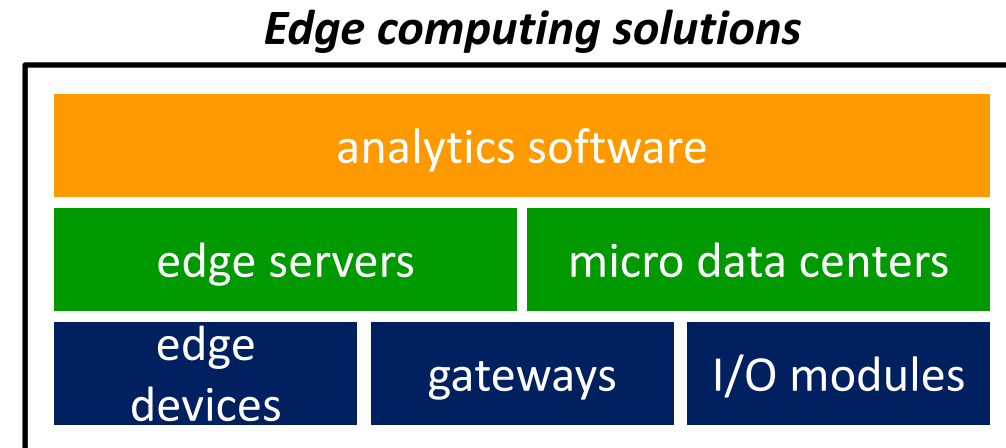
Source: Gartner
ID: 447998

Edge Computing will still be Key for IoT Applications

- ✓ By 2022, more than **50%** of enterprise-generated data will be created and processed outside the data center or cloud.
- ✓ By 2022, **20%** of new industrial control systems will include analytics and AI-edge inference capabilities, up from less than 5% in 2019.

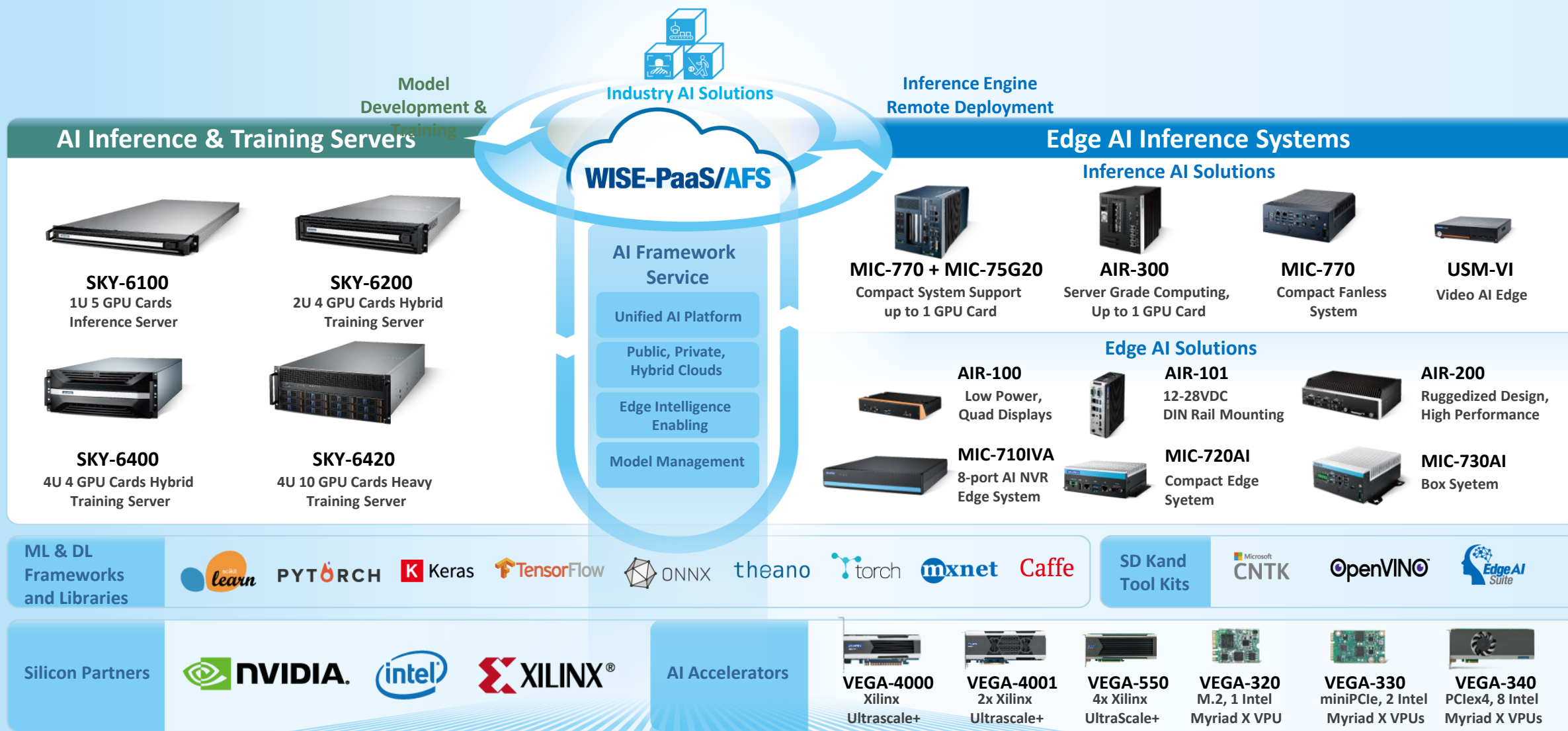


Source: Gartner



Source : Market Guide for Edge Computing Solutions for Industrial IoT
Published 23 September 2019 - Santhosh Rao, Sr Director Analyst, Gartner

Empowering AI Services with Edge-to-Cloud Solutions

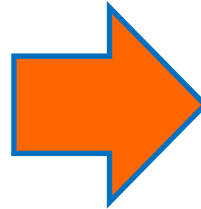
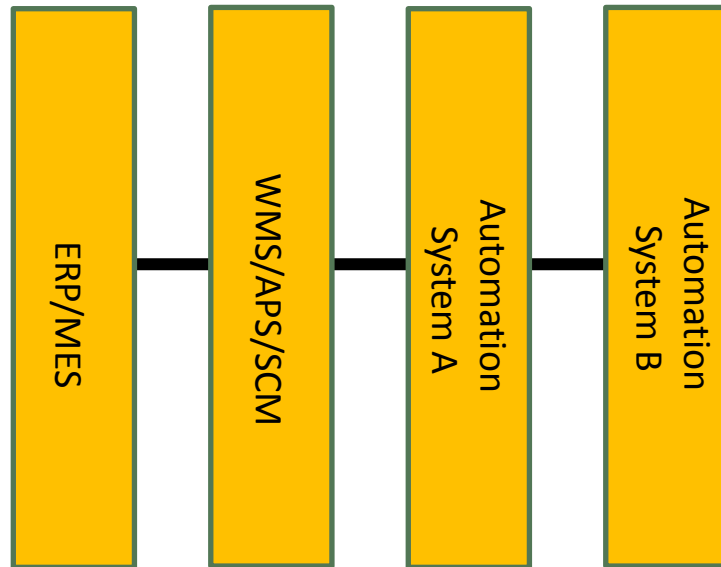


Cloud Based, Data Driven Digital Transformation, From 1.0 to 2.0



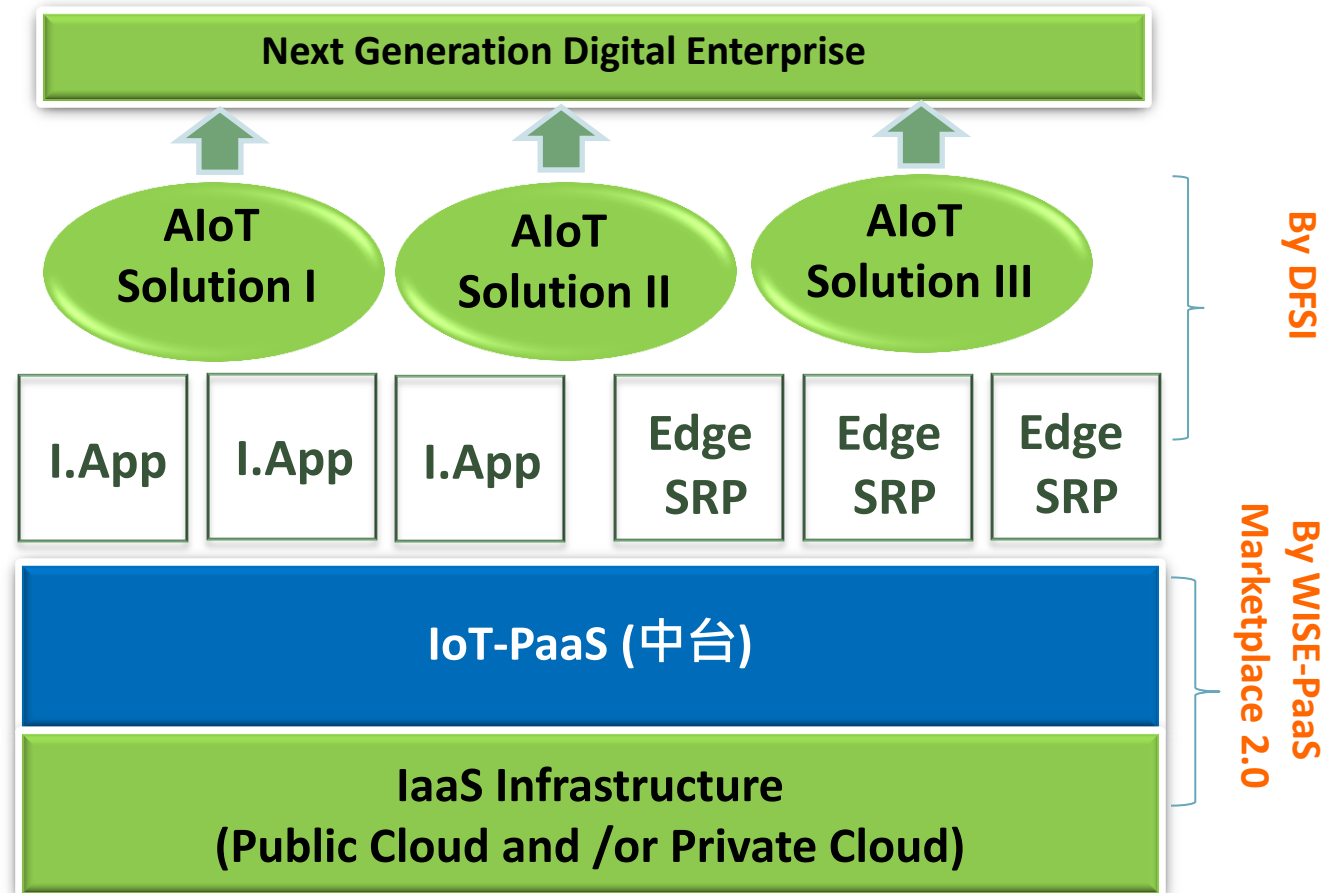
Digital Transformation 1.0

Internal Process Driven
IT & Automation Silos

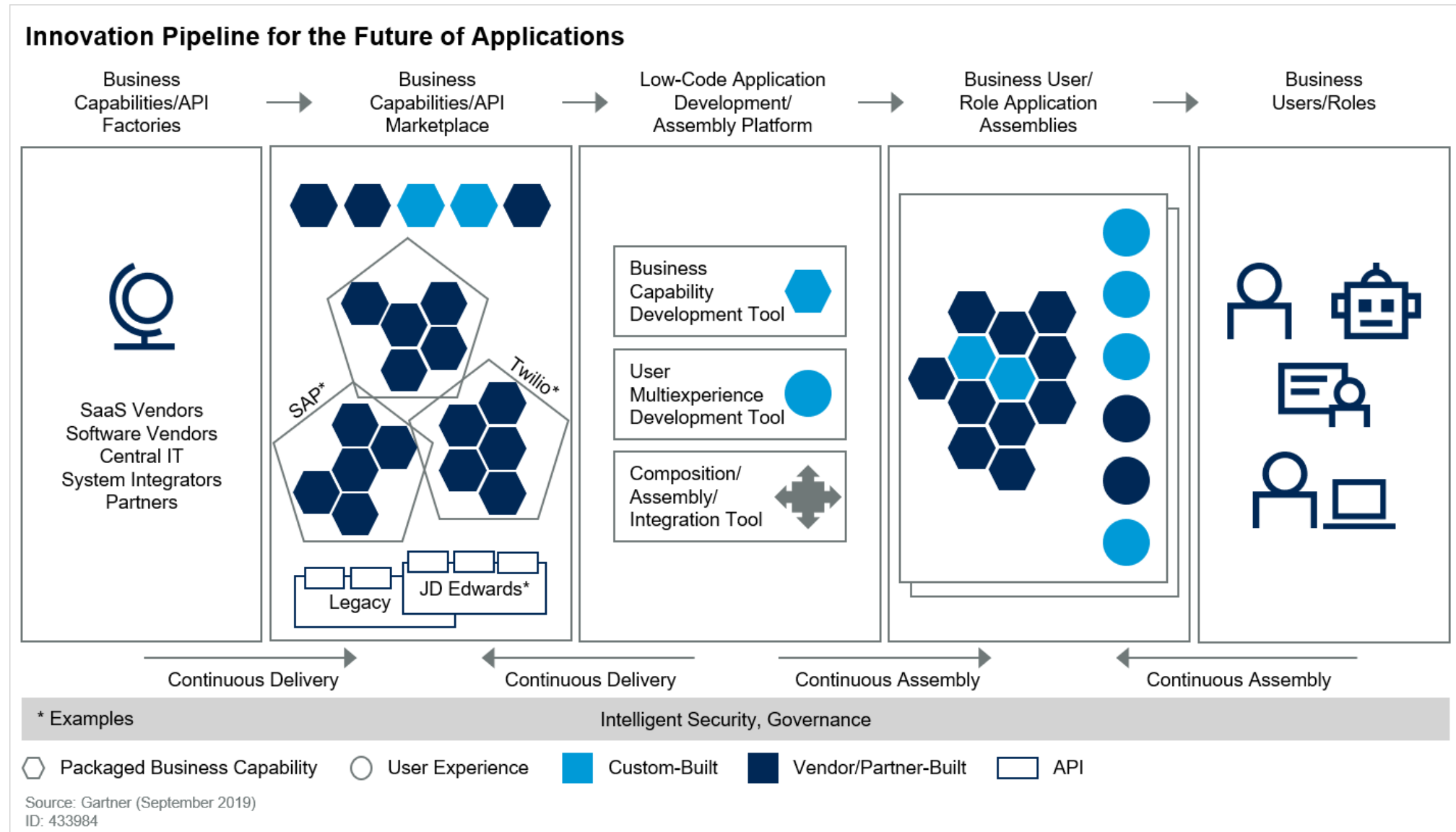


Digital Transformation 2.0

Cloud Based, Data Driven



Decoupling is the Key



I.Apps Portfolio on WISE-PaaS Marketplace 2.0

iFactory

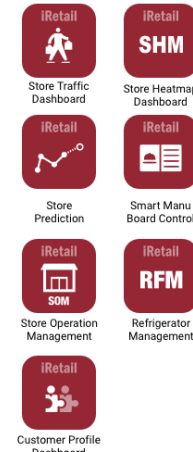
E&E

iCity Services

iRetail

iHospital

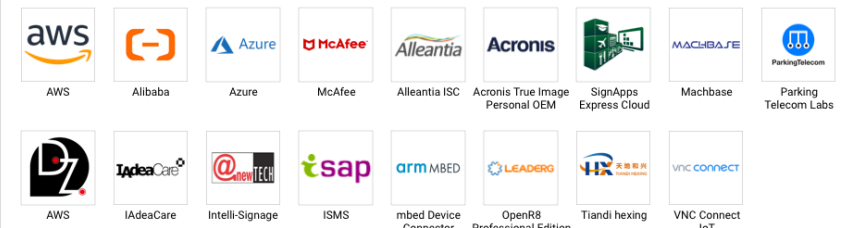
Domain-Focused Apps 行業專用



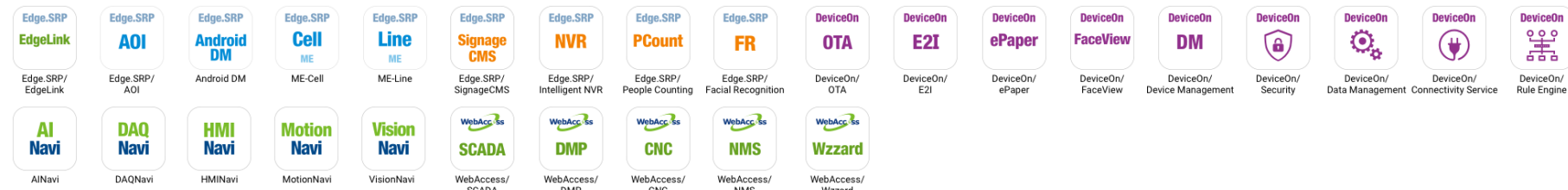
Industry Apps 產業通用



Common Apps 中台



Edge.SRPs 邊緣功能模組



Ecosystem to Promote Industry Prosperity



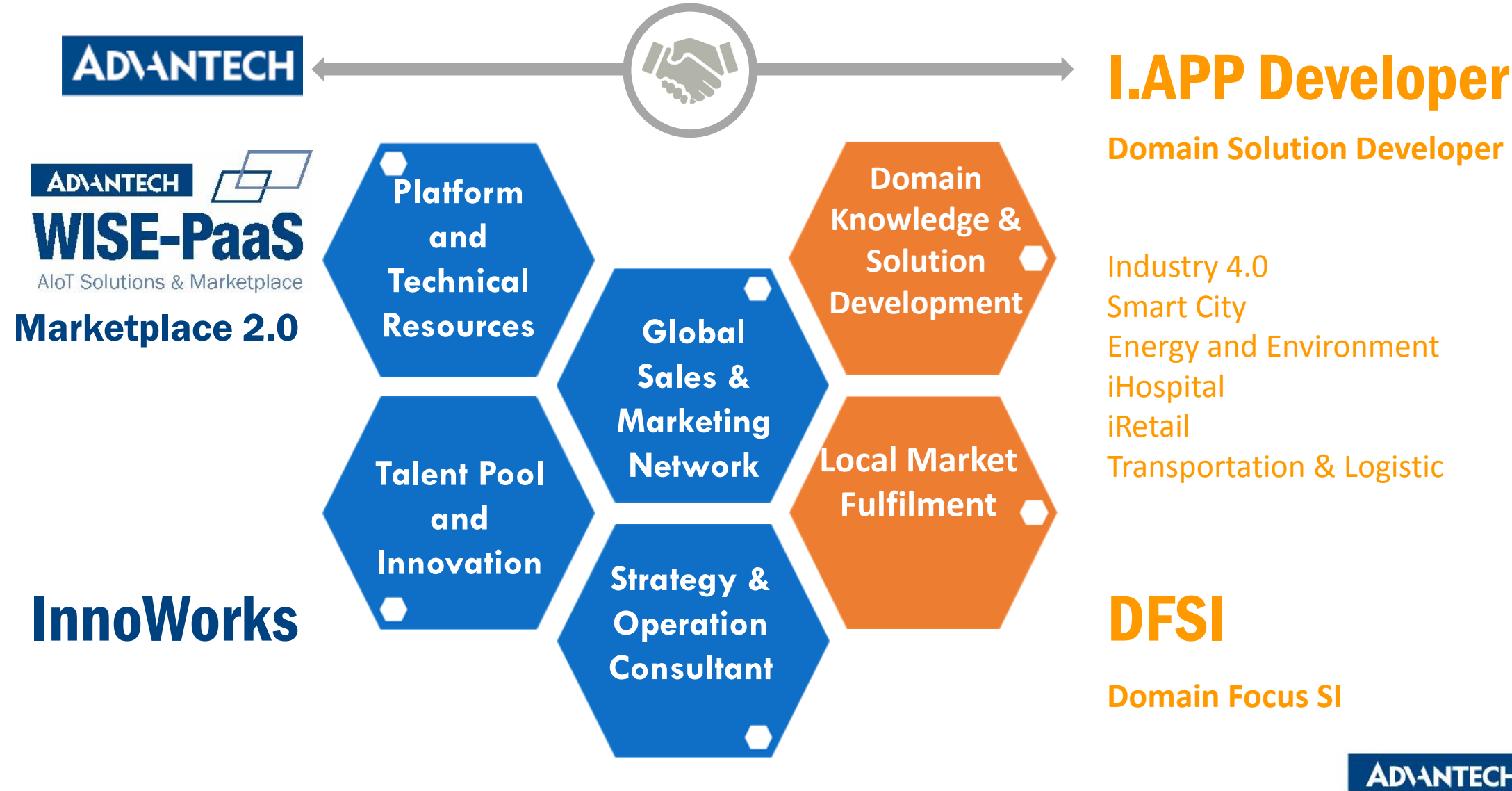
Business ecosystem of **Tencent** 腾讯



Business ecosystem of **阿里巴巴**



Co-Creation: Accelerate Your Business Growth with Advantech



Co-Creating the Partnership for AIoT Era

Transportation



Digital Signage



Automation



Gaming



Medical



Kiosk/POS



Channel Partners



500+ 
Eco-system Partners

Channel Partners



Silicon Partners



WISE-PaaS



ELAA



m2.com



ADVANTECH

Co-Creating the Future of the IoT World

