



Your Trusted Partner

Opensource based DevOps, MSA Leader

WWW.OSCKOREA.COM

Executive Summary

Korea Linux Foundation

- The world's largest non-profit organization hosting Opensource software development and support developer community
- Offer support to grow local community of the Linux Foundation umbrella projects i.e., CNCF (Cloud Native Computing Foundation), Hyperledger, LF Edge, LF AI, OpenChain and all projects
- The Linux Foundation Training Business (incl.,CKA, CKAD courses)

MSA Business

- Opensource focused architecture consulting and system integration service (inculding Kubernetes, Rancher and Kafka)
- Support Modern Architecture design based on MSA methodologies (DDD, Event-Driven and Event Sourcing/CQRS)

ICT Solutions Business

- Discover global solutions for digital transformation services
- Build relationship with strategic partner /vendors to provide optimized solutions meeting customer requirements and market demands

OSC Overview

■ OSC Motto & OSC Asia Group

- We focus on Opensource(O), Security(S), Content_Delivery(C) to build the best ICT Business Platform Group in Asia Pacific

■ Opensource based knowledge service, technology consulting, architecting, SI, operation and consulting services

- With knowledge gathered from activities as the Linux Foundation Korea, we educate the market on opensource trend, help build the local cloud native ecosystem
- As opensource leader in Korea, we provide the latest tech trend, solutions and services to the market and continuously build strong relationship with global opensource experts and thought leaders



OSC Asia Group Limited

- Founded in 2008 at HongKong
- Asia market focused to ICT Business Developer Business Platform Group
- Asia Presence : Korea, China, Singapore, Taiwan, HongKong



OSC Korea co.,ltd

- Founded Feb. 2016
- Employee : +50
- Business: Information Technology, Consulting
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Linux Foundation Korea

- Global largest Non-profit organization hosting opensource technologies and software
- Support Linux projects to grow Korea developer community i.e., CNCF, Hyperledger, LF Edge, LF AI, OpenChain, etc
- Authorized Training Center(CKA, CKAD)

OSC History

■ '2021

- 2021.10. ~ Developing MSA business including Lotte IDCC, Sono Group(Hospitality) and various industries' leading companies
- 2021. 09. Cloud Native Consulting, design & SI for CyberLogitec(Maritime logistics) – Appointed as Opensource Tech Advisory Partner
- 2021. 08. HanaTI GLN AWS cloud infrastructure CI/CD and PaaS development
- 2021. 06. Korea Marine Transport Co., Ltd (KMTC) Cloud based e-KMTC transformation design, architecture and development
- 2021. 06. Development for KB Card AI Hub and Model automation platform development (incl. AI Modeling, Development)
- 2021. 07. Seed Fund(2B KRW) ; Samyang Datasystems /Samyang Holdings
- 2021. 06. Solu-M(IoT logistics) MSA Consulting, Architecting, Build, Development - Appointed as Opensource Tech Advisory Partner
- 2021. 06. Appointed as Hyundai Autoever MSA Partner
- 2021. 05. Win Government Projects (Startup Jump Package)
- 2021. 04. List patents, 2 cases (BigData, BlockChain)
- 2021. 04. Found Company Research & Development Center
- 2021. 04. Launch of Korea first and only Rancher Training Center with SUSE
- 2021. 03. Hyundai Autoever SaaS based Smart Factory Solution(SFaaS) consulting, design, build and development
- 2021. 02. SUSE Korea's startegic partnership (Platinum, top tier)
- 2021. 02. EZPMP(MISE, market leader) DevOps/MSA design, build, development and operation
- 2021. 02. LG Electronics CTO Group Bee Service Private/Hybrid Cloud design, build, development and operation
- 2021. 01. 6th 2020 Korea Company Contest – Grand prix - MSA Consulting area leader

■ '2020

- 2020. 12. Linux Foundation Authorized Training Partner ; launch CKA, CKAD curriculum
- 2020. 10. SK hynix AI Platform advanced design, build, development
- 2020. 09. Hyundai/Kia Motors Company MES & AI Factory Management System (MES) MSA improvement consulting and Dev.

OSC History

■ '2020(Cont.)

- 2020. 07. Bencher Company Certified
- 2020. 02. ~ Build partnership(Acting branch office, distributor) with Global Solution Vendors)(Auth0, Axion, Instana, KrakenD, Gremlin)
- 2020. 01. Shinsegae Membership MSA Project architecture, build & development

■ '2019

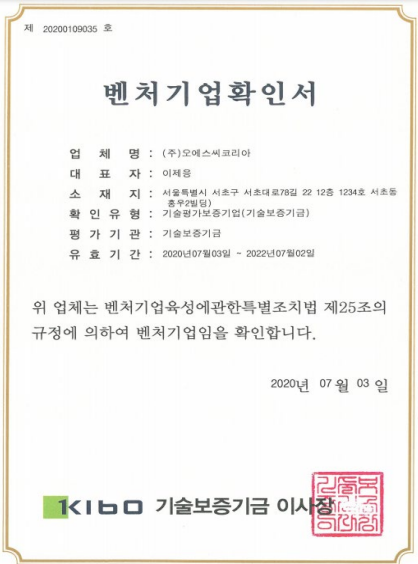
- 2019. 12. KT ds(Telecom) Opensource Container Platform(OpenShift OKD) development project
- 2019. 12. Organized Korea's 1st / largest K8S Forum Seoul 2019 ; CNCF(Cloud Native Computing Foundation) sponsorship
(The 1st & largest CNCF sponsored Opensource event, OSC Korea participated as Linux Foundation Korea; CNCF is a Linux Foundation Project)
- 2019. 07. ~ Executed Opensource based consulting, architecture business of S-1 Corporation, Posco and many local enterprises
- 2019. 06. Launched Opensource Business Unit

■ '2008 ~ '2018

- 2018. 07. Global acceleration service(SD-WAN) OceanBlue Cloud Partnership
- 2017. 09. Build Linux Foundation Authorized Training Partner (Fastlane, Global Knowledge)
- 2017. 08. Signed contract with Posco to provide global acceleration service(SD-WAN Aryaka)
- 2016. 03. Launched ICT Solution Incubation Business Unit
- 2016. 03. Signed partner contract with Sejong Telecom
- 2016. 02. Found the Linux Foundation Korea (Non-profit)
- 2016. 02. Incorporated OSC Korea co., ltd.
- 2008. 08. Found OSC Asia Group ; an Asia market focused Business Platform

Awards & Certificates

A w a r d s	2021.01.27	6 th 2020 Korea Company Contest – Grand prix (MSA Consulting area leader)
R&D Center	2021.06.10	Registered as Corporate Research & Development Center, Registration # 2021112301 (Minstry of Science & ICT)
V e n t u r e C o m p a n y	2020.07.03	Certified venture company (KIBO, Korea Technology Finance Corporation)
P a t e n t s	2021.11.30 2021.04.23 2016.07.26	[Patent] "Method & system for simulating microservices architecture system transition of monolithic architecture system" ID:10-2021-0162002 (Korea Intellectual Property Office) [Blockchain] Stability of Cryptocurrency value ID: 10-2245990 (Korea Intellectual Property Office) [Big Data] Data Quality Assessment ID: 10-1644740 (Korea Intellectual Property Office)



OSC Overview- Partners & Non-profit

- Samyang Data System Inc.



- Samyang Data System & Samyang Holdings made investment and holds 20% of OSC Korea's corporate share
- Co-work to expand and advance the public cloud business in Korea, both expects a win-win strategy based on Opensource
- Collaboration model to share expertise of Samyang's public/manufacturing capabilities and OSC's cloud native based opensource knowledge

- The Linux Foundation Korea – Non-profit Org. OSC Korea functions as Korea HQ

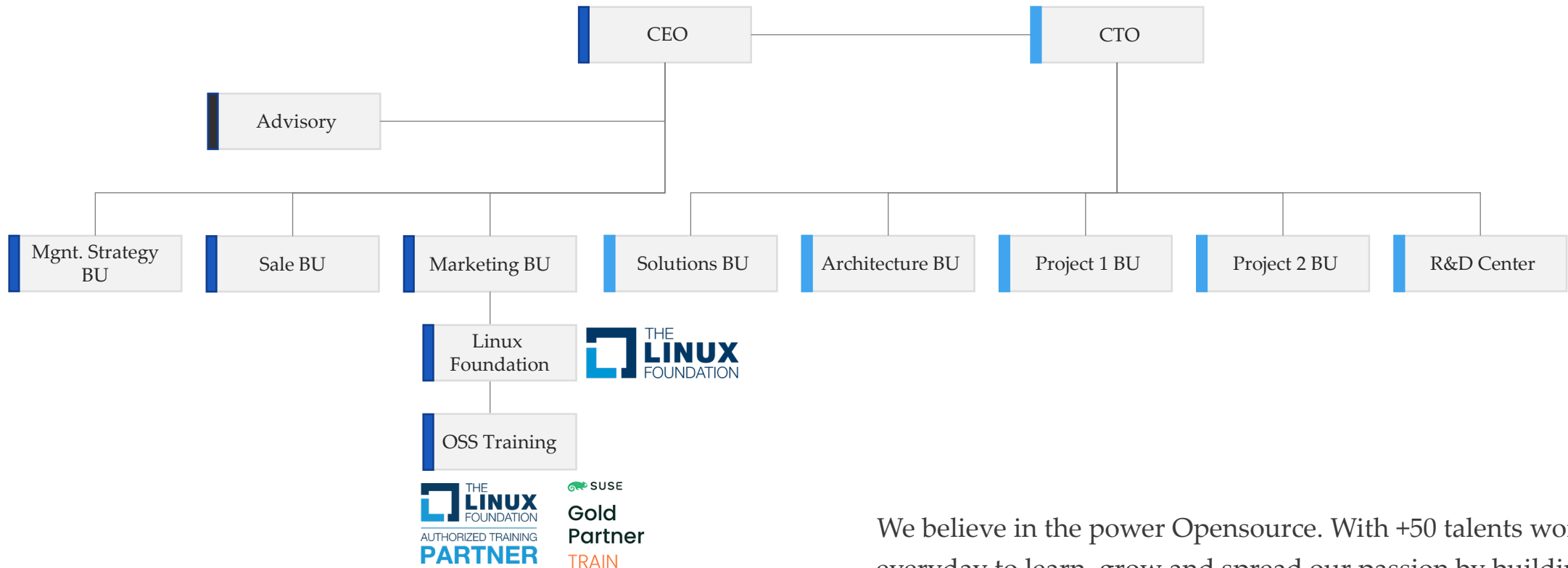


- Functioning as the Korea HQ of the Linux Foundation, the world's largest opensource sponsor, OSC is leading the Korea /Asia market by channeling the knowledge of opensource and providing marketing and governance. OSC is also building connection and network on OSS global community.

OSC Overview - OSC Korea Org. Chart



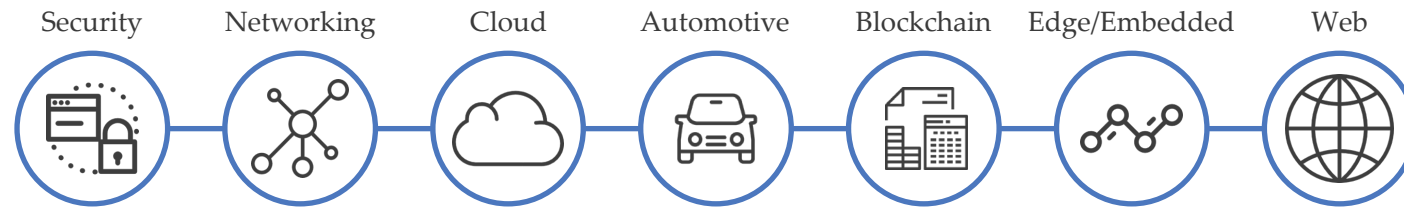
We offer the best DevOps, MSA technologies, solutions and services focusing on opensource and cloud native. OSC's services includes experience in MSA consulting, architecture, build and professional services. Our goal is to become the No.1 Opensource Expert Group in Asia so all customers can enjoy the value and benefit of Opensource.



We believe in the power Opensource. With +50 talents working everyday to learn, grow and spread our passion by building an Opensource DevOps business.

OSC Overview - Linux Foundation Korea; “Part” of OSC Korea

- Part of OSC Korea functions as the Korea HQ of the Linux Foundation, a global non-profit organization. The foundation hosts and sponsors +150 Opensource projects covering areas of Cloud Native, 5G, Block Chain, AI, IoT & Security.



Membership

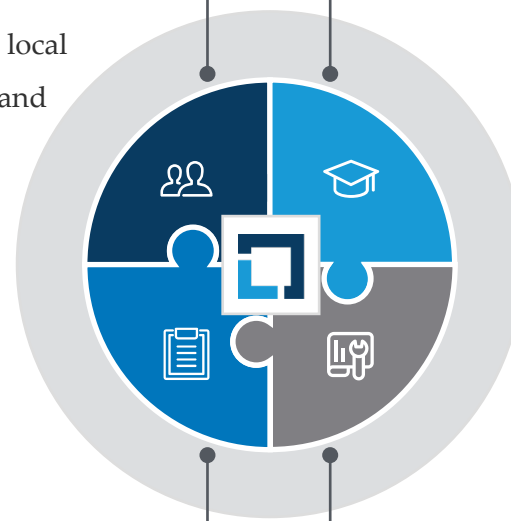
- Promote and sell Corporate membership to local companies to grow Opensource ecosystem and developer communities.

Training

- Recruit ATPs and support them to sell LF training courses

Projects

- Focused Opensource Project List
 - CNCF (incl. K8s(Kubernetes))
 - <https://www.cncf.io/>
 - Cloud Native Computing Foundation
 - Hyperledger
 - <https://www.hyperledger.org/>
 - Blockchain Open Project
 - LF Edge & EdgeX Foundry, etc.
 - <https://www.lfedge.org/>
 - “5G, + IoT + Cloud” Project
 - LF AI, OpenChain, Litmus, etc.



Consulting

- Offer Consulting & Professional Service

Current, OSC's Market Positioning

- A leader market in Opensource based DevOps, MSA consulting & new/trendy solution/service incubator

Opensource based MSA(Microservice) Business

- Opensource focused architecture consulting & system integration service (i.e. Kubernetes, Rancher and Kafka)
- Leveraging Opensource & Cloud Native technologies, help customers from vendor/cloud(AWS, Azure, etc.) lock-in, build agile CI/CD, & offer DevOps, MSA development, maintenance & advisory services
- Offer service based on proven MSA methodologies (DDD, Event-Driven, Event-Sourcing with CQRS, etc)



Global Solution Incubation Business

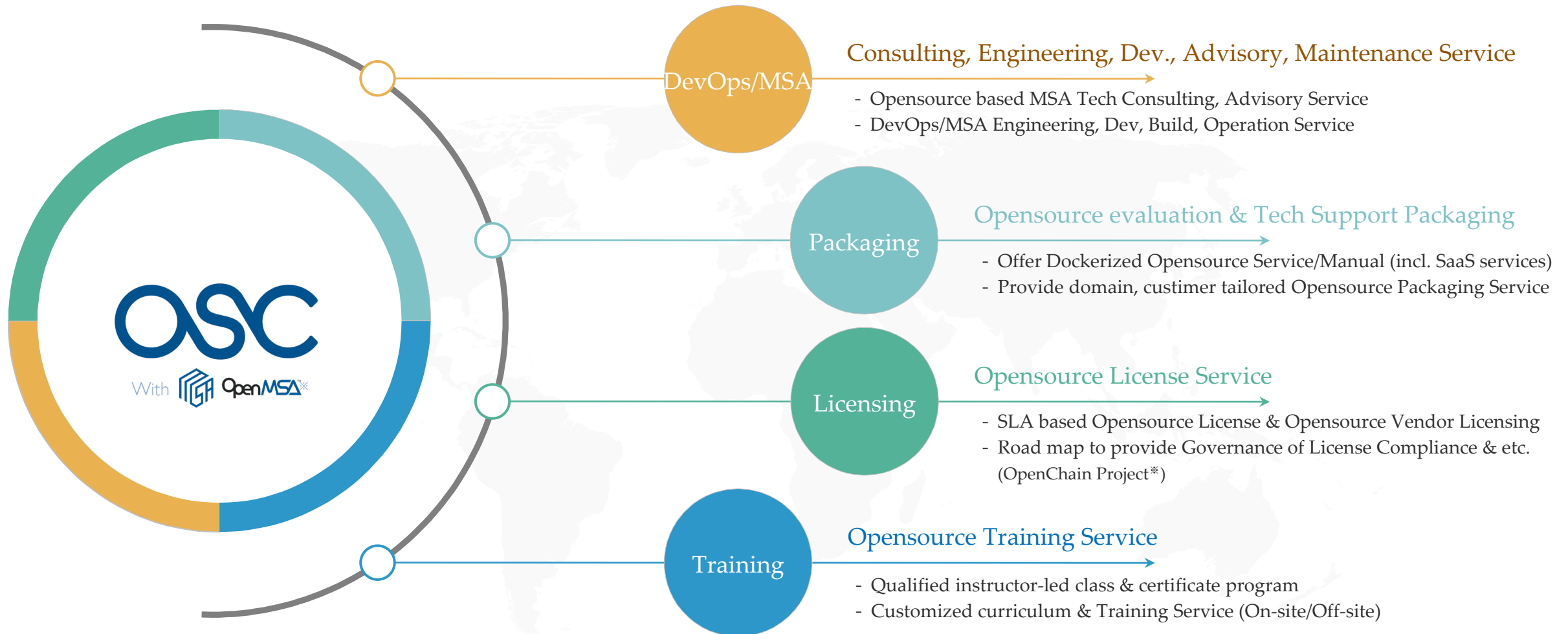
- Our experience & insight on opensource, new technologies & tech trend is the strength of OSC business focusing on global solutions & services based on O(Opensource), S(Security), C(Content Delivery).
- A strategic partnership with Opensource based global new solution/service(SaaS, PaaS, etc) & function as Korea HQ, distributor
- With global parkers(vendors) in various IT areas, we lead and pioneer the Korea & Aisa market



Opensource Business

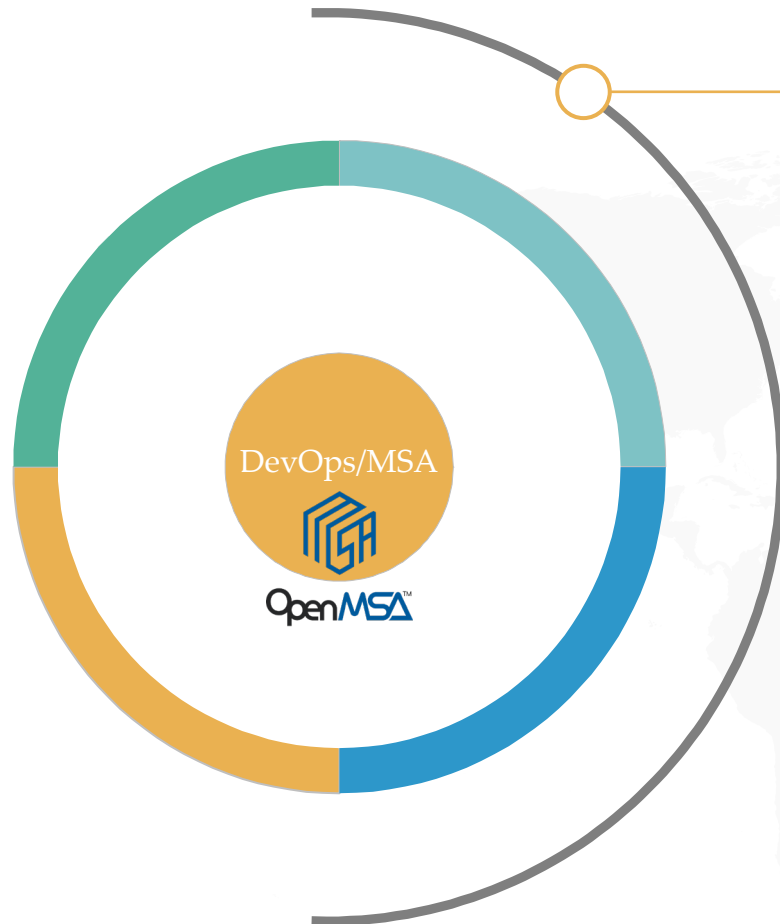
Opensource Business - summary

- Opensource based All-in-One Service ; DevOps/MSA, Packaging, Licensing, Training



Opensource Business - Detail

■ Business Model Offerings - DevOps/MSA



Consulting, Engineering, Advisory, Operation Services

- Opensource based MSA Tech Consulting & Advisory Service
- DevOps/MSA Engineering, Development, Building, Operation Services

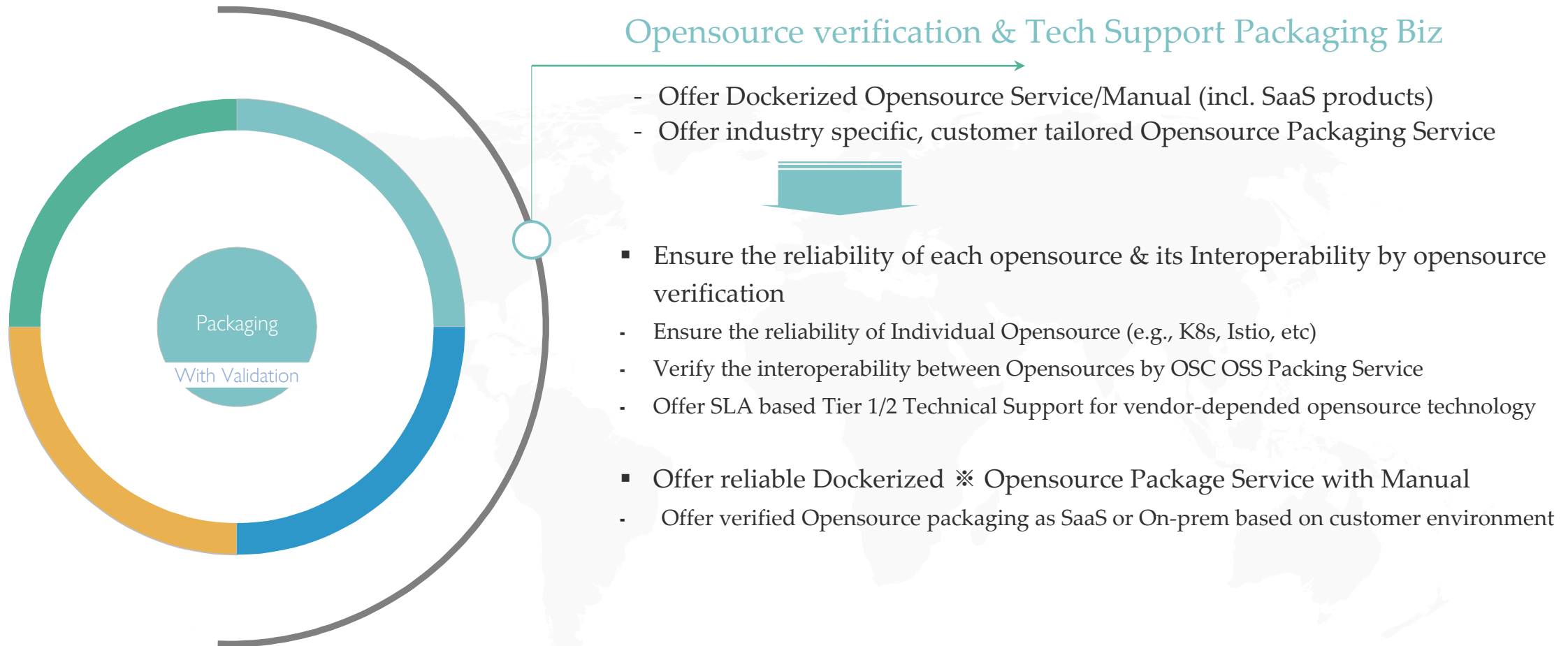


- Collaboration with Global Opensource Leading Group (Committer, Community)
- Co-work with global Opensource Committer & Community Network (e.g., recruit Global Committer, Engage with evangelist, leverage community groups, etc.)
- Global Opensource Technology Service
- Run Opensource based MSA Consulting, Architecture, Development & Engineering Services for customer in need of agile Digital Transformation including DevSecOps, NoOps, FinOps, GitOps, DataOps and SRE.
- Suggest MSA methodology for industry and customer (OpenMSA™)
- Propose MSA Outer/Common/inner Tech Services by optimized MSA methodologies (Domain/Event-driven, CQRS※) by Domain specific & Customer requirements

※ CQRS(Command Query Responsibility Segregation) : One of the MSA methods that separates the code for changing and searching system data, known as the most ideal methodology for MSA

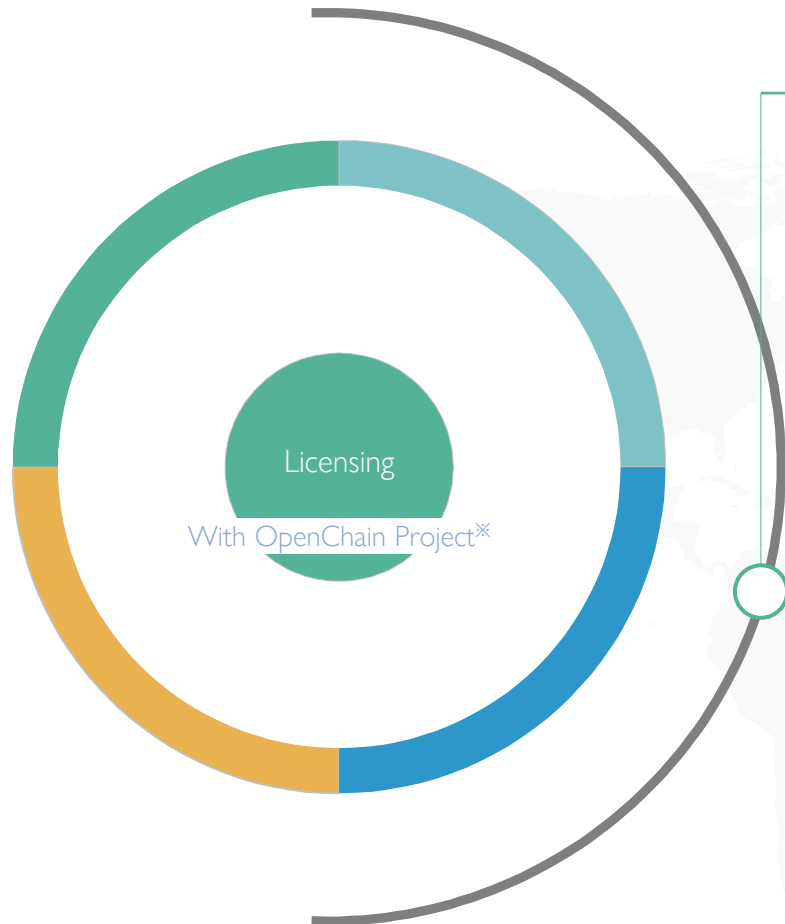
Opensource Business – Detail (cont.)

■ Business Model Offerings - Packaging



Opensource Business – Detail (cont.)

■ Business Model Offerings - Licensing

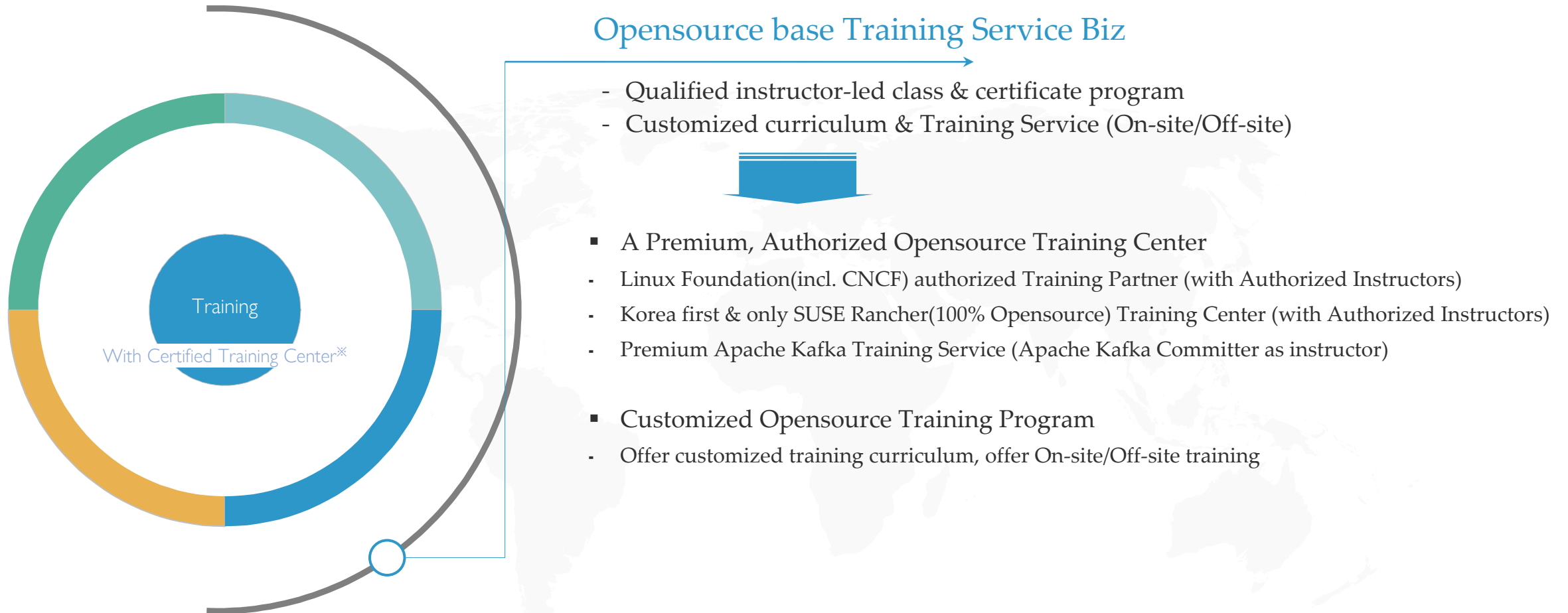


Opensource License Service

- OSC offers SLA based License & Opensource Vendor Licensing for Opensource technologies
 - Provide License Compliance & Governance (OpenChain Project※)
- ↓
- License verification service based on Opensource SLA
 - For widely used common opensource technologies (e.g., K8s, Istio, etc) that are not dependent on a specific vendor, Opensource Center provides reliable License verification service based on its own SLA
 - Opensource or Container based Vendor Service Licensing
 - Offer reliable Back-to-Back SLA by joint license service with Opensource & Container based vendors
 - Offer Opensource License Policy & Compliance to maximize Opensource use
 - For effective Opensource use, offer Opensource compliance, policy, management and general governance (OpenChain Project※)

Opensource Business – Detail (cont.)

■ Business Model Offerings - Training

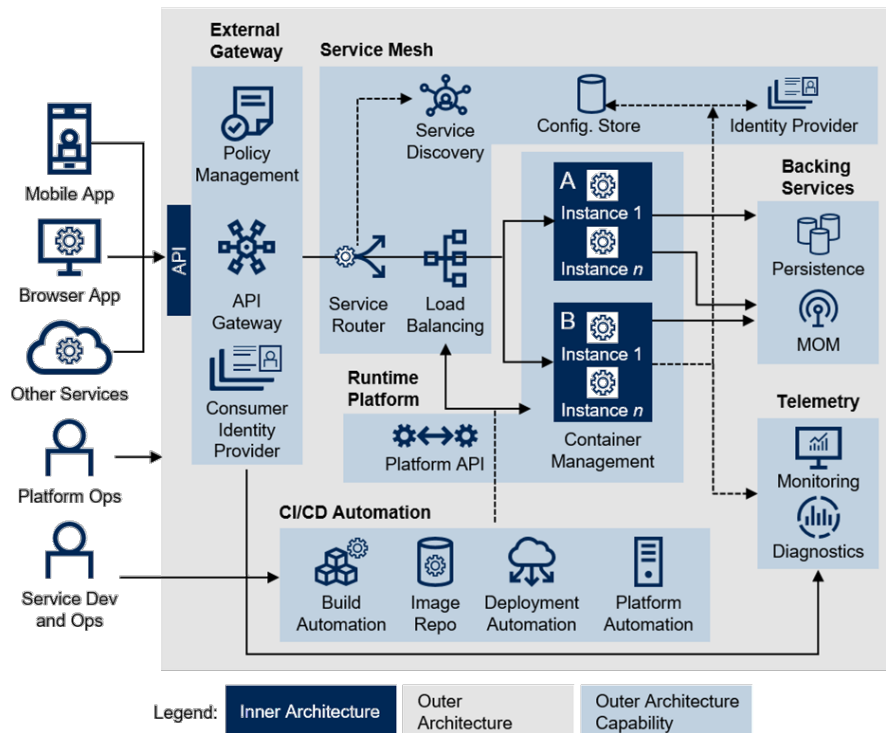


OpenMSA™, a 100% Opensource Solution

■ OpenMSA™

- The OpenMSA™ is a 100% opensource based MSA framework offering MSA core (common) & outer architecture (DevOps, GitOps, DataOps, FinOps*, etc). It provides best industry practices and domain specific MSA environments

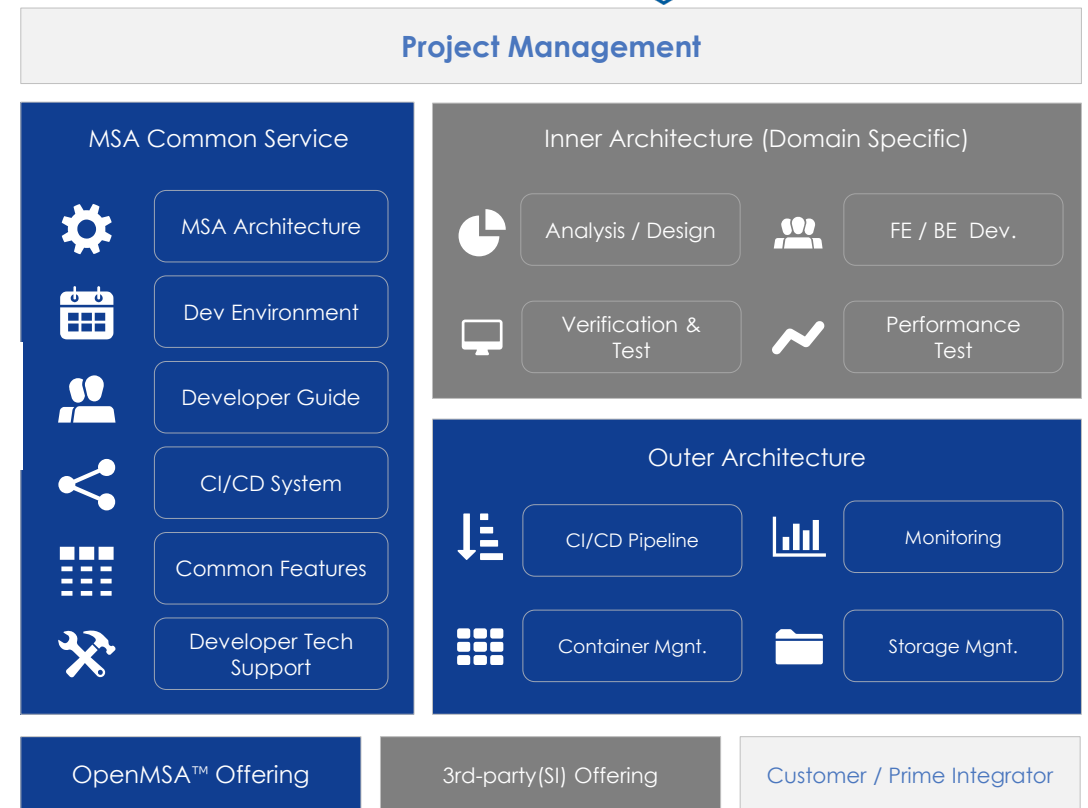
Microservice Architecture Guide by Gartner



ID: 353896

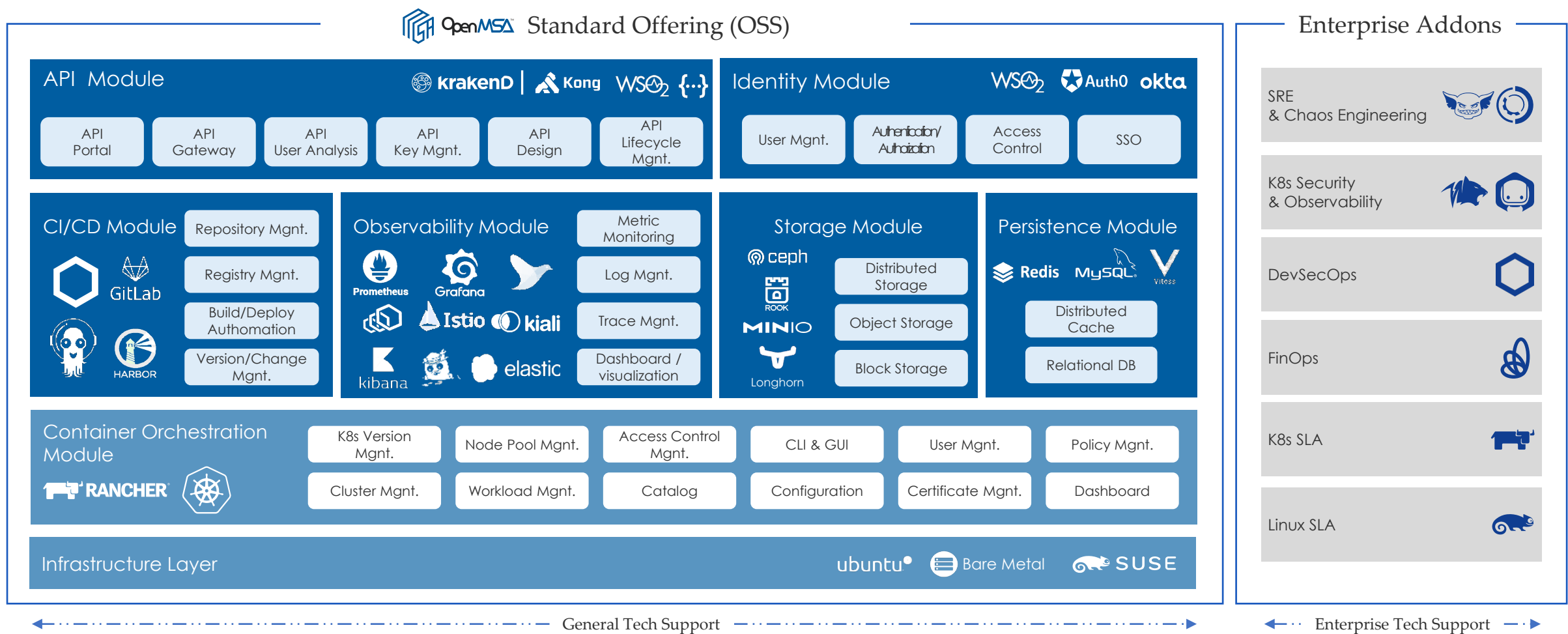
© 2018 Gartner, Inc.

Agile MSA Architecture( OpenMSA™)



OpenMSA™, a 100% Opensource Solution – cont.

- OpenMSA™ suggest a reliable MSA Outer Architecture



OpenMSA™, a 100% Opensource Solution – cont.

- OpenMSA™ based Performance Validation with Opensource Vendors

Fariluer Validation

The Chaos Engineering triggers various resource to improve incident response and build resilience to failure



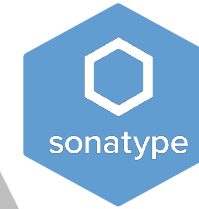
Performance Validation

Automatically generate production grade loads to test performance and find issues preemptible



Cost Validation

Diagnose unnecessary or excessive resource use and suggest optimal plan

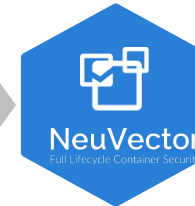


Opensource Vulnerability Diagnosis

Validate Opensource library vulnerability of the SDLC(Software Development Lifecycle)

Container Security Diagnosis

Validate container security vulnerability within pipeline and runtime



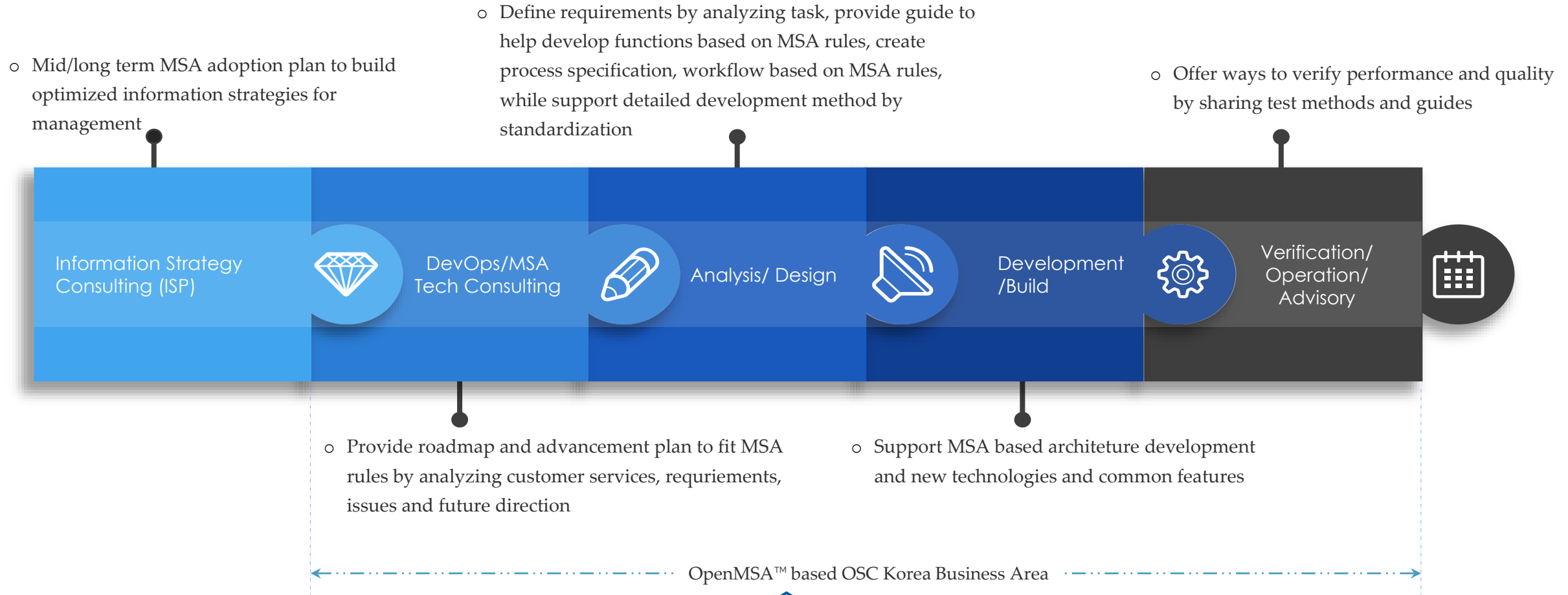
K8s Infra Vulnerability Diagnosis

Diagnose vulnerability of K8s infrastructure focusing on security and visibility



100% Opensource based OpenMSA™ – cont.

■ OpenMSA™ based DevOps, MSA Consulting, Architecting, Development and Operation



Opensource based Solution/Service

- Opensource & Cloud Native based Global IT Solution/Service

Data Pipeline



axual

Container APM



K8s Platform



API G/W & API Lifecycle MGMT



MSA(CQRS)



SRE / Chaos Engineering



Analytics



No-Code

API AutoFlow

FinOps



Identity



Security & Compliance



Open OS



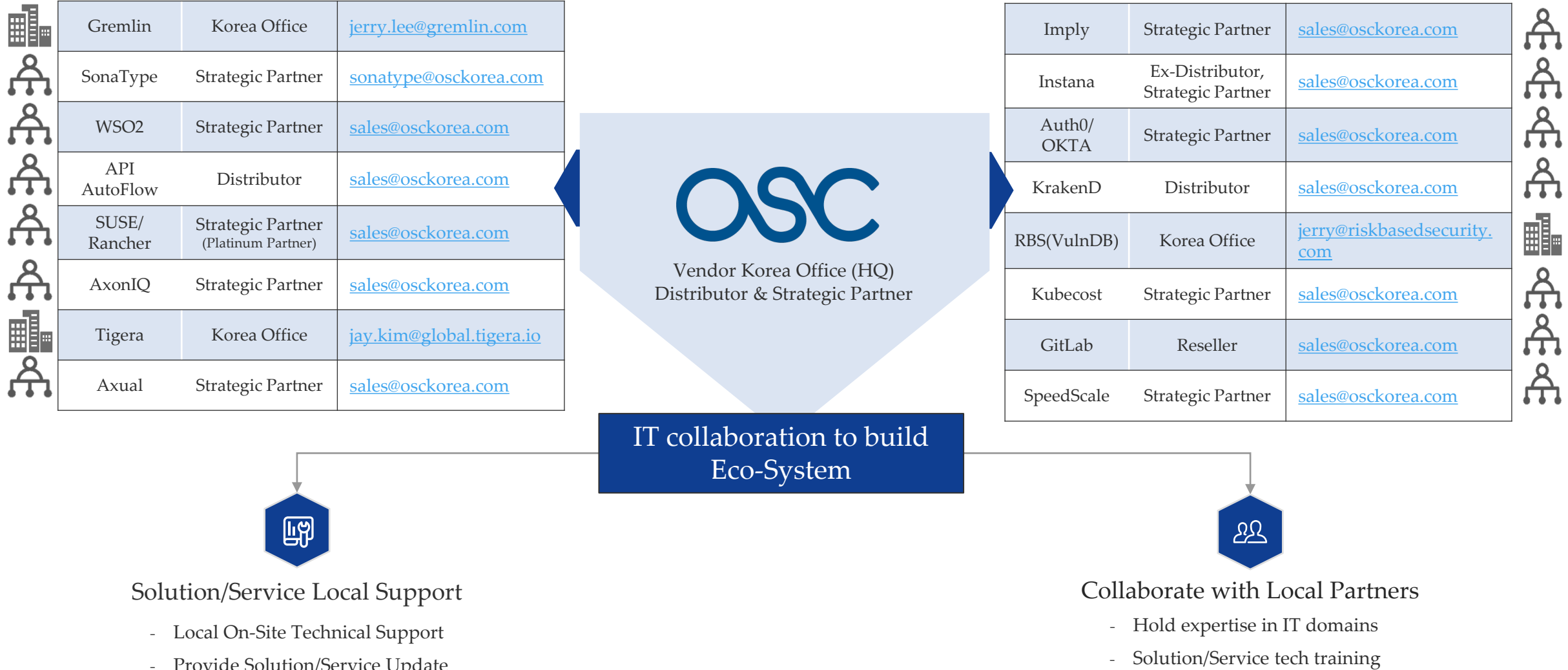
CI/CD



OSC is a fast mover in Opensource by learning global & local tech trends (incl.Linux Foundation Korea non-profit activities) and collaborate with leading technology vendors as a strategic partner.

Opensource based Solution/Service – cont.

- Opensource & Cloud Native based Global IT Solution/Service – Korea Office, Branch office, Distributor, Strategic Partner



New Technology based Solution/Service

- New Technology based, Global IT Solution/Service – Korea Office, Distributor, Strategic Partner



Opensource 기반, Solution/Service 소개

■ Opensource & Cloud Native & 신기술 기반의 Global IT Solution/Service Positioning

AREA	SOLUTION	OPENSOURCE	CLOUD	ON-PREM	PARTNERSHIP	NOTE
Analytics	Imply	Druid	○	○	Reseller	실시간 Interactive Analytics & Visualization
	Conviva			○	Representative	Video Analytics & QOE
APM	Instana		○	○	Reseller	AI기반의 Container 환경 APM
Network & Security	Tigera	Calico	○	○	Representative	K8s Security & Observability
Identity	Auth0		○		Exclusive Partner	Identity as a Service (B2C, CIAM)
	Okta		○		Reseller	Identity as a Service (B2E, Enterprise)
DevSecOps	GitLab		○	○	Reseller	DevOps Platform
	Sonatype	Nexus Repository	○	○	Exclusive Partner	Opensource Governance 자동화
API Management	WSO2	WSO2	○	○	Exclusive Partner	IDP & API Management
Microservice	KrakenD	Lura		○	Exclusive Partner	Micro API Gateway
	AxonIQ	Axon Framework		○	Exclusive Partner	Event Store & CQRS Framework
Cloud Native	Oceanblue Cloud/Aryaka		○		Representative	SD-WAN Global 가속서비스
	Kubecost	Kubecost		○	Exclusive Partner	K8s 비용 관리 및 최적화 FinOps
	Rancher	Rancher	○	○	Platinum Partner	Multi-Cloud 지원 Container Orchestration (100% Opensource)
	SUSE	OpenSUSE		○	Platinum Partner	100% Opensource Linux 배포판
	K3s	K3s		○	Platinum Partner	Edge향 Light Weighted K8s
	Gremlin		○		Representative	Chaos Engineering Tool
	SpeedScale		○		Exclusive Partner	K8s 환경의 API Test를 위한 Load Test
Database	Dbvisit			○	Representative	Oracle SE를 위한 DR 및 이중화 (Oracle ADG 대비 1/3 비용)
Kafka	Axual	Kafka	○	○	Exclusive Partner	Kafka Enterprise 배포판
Development	API Autoflow			○	Reseller	No-Code 기반의 API Server 제작 Tool
CDN	Lumen (Level 3)		○		Reseller	비용 효율적인 Global CDN (Global 최저가)
	Limelight Layer0		○		Reseller	Global CDN 기반 Edge Platform (1초내 Loading 보장)

Opensource Training Business

- Opensource Training Curriculum – With Linux & SUSE Authorized instructors



Linux Foundation ATP
Authorized to deliver CNCF(CKA, CKAD)
Training

- Curriculum for Engineer & Developer to learn skills of using Kubernetes and prepare for engineer certificate
- On-site, instructor led training with Hands-on session (hold Authorized Instructor)
- Linux Foundation Training Courseware

SUSE/Rancher Gold Training Partner

- Korea first/only SUSE Training Partner
- SUSE official training curriculum to deliver practical knowledge to field engineers
- On-site, instructor led training with Hands-on session (hold Authorized Instructor)

Apache Kafka Training

- A course to deliver OSS Apache Kafka for Developer, Engineer Certificate prep course
- Apache Kafka Committer delivers lecture and hands-on sessions
- OSC Korea developed courseware to cover entry level to advanced level



OSC's Projects - MSA projects

■ Opensource based DevOps & MSA Project List

Customer	Project - PaaS/IaaS Platform	Period	OSC Role
L (eCommerce)	eCommerce Integration System Development - AWS	2017.07 ~ 2018.11	AA, Development
L (eCommerce)	eCommerce AI API based Voice Home Device System Development - AWS	2019.07 ~ 2019.12	AA, Development
S (Security)	Next Generation IoT Business Platform Development - Azure	2019.06 ~ 2019.11	AA, Development
P (Steel)	MES Logistic & Steel MSA Architecting/Development - Pivotal	2019.08 ~ 2019.12	Architecting, Development
K (Telecommunication)	Container Platform Solution Development - OpenShift	2019.11 ~ 2020.03	AA, TA, Development
S (eCommerce)	eCommerce Membership Integration - AWS	2020.01 ~ 2020.12	PL, SA, AA, DA, Development
K (Telecommunication)	Container Platform Solution Additional Development - OpenShift	2020.04 ~ 2020.06	Architecting, Development
H (Shipping)	MSA based Cloud Transformation Consulting - AWS	2020.04 ~ 2020.07	Consulting
S (Semiconductor)	AI Foundation Service & AI Platform Development - K8s	2020.04 ~ 2021.03	Architecting, Development, AA, DA, TA, SA
S (eCommerce)	AI based Personalized Product Recognition Platform Development - AWS	2020.07 ~ 2020.12	Architecting, Development, AI, Design/Build
H (Automobile)	Manufacturing System MSA Improvement Consulting - Rancher	2020.09 ~ 2020.11	Consulting

OSC's Projects - MSA projects

■ Opensource based DevOps & MSA Project List – cont.

Customer	Project - PaaS/IaaS Platform	Period	OSC Role
L (Electronics)	Developer Environment to support Hybrid Cloud DevOps Dev. & Advancement Advisory - K8s Hybrid	2020.11 ~	Architecting, TA
H (IT Tech)	Manufacturing System MSA Architecting/Development- AWS *The first project OSC provided consulting and development base on the consulting outcome	2020.12 ~	Architecting, Development, TA
E (Event Promotion)	CI/CD & MSA System Development - Rancher	2021.03 ~ 2021.05	Architecting, Development, AA, TA, SA
H (IT Tech)	SaaS based Manufacturing System MSA Architecting/Development - AWS	2021.03 ~	Architecting, Development, AA, TA, SA
K (Maritime Logistics)	CI/CD & MSA Architecting/Development - Azure	2021.06 ~	Architecting, Development, AA, TA, SA etc.
S (IoT Manufacturing)	MSA Consulting & Architecting, Building, Development, Advisory- Rancher	2021.06 ~	Consulting, Architecting, Development, AA, TA, SA etc.
H (IT Tech)	SaaS based Manufacturing System MSA additional Architecting/Development - AWS	2021.07 ~	Development, AA
C (Ship building/Maritime Logistics)	Cloud Native, MSA Consulting, Architecting, Building, Development, Advisory - Rancher	2021.09 ~	Consulting, Architecting, Development, AA, TA, SA etc.
L (Information Telecommunication)	Information Telecommunication Integration Dev. Environment - Rancher	2021.09 ~	Development, TA
S (Hospitality)	CI/CD & MSA System Development - Rancher	2021.10 ~	Architecting, Development, AA, TA, SA

Opensource based DevOps/MSA Customers

- Local Customers - as of Oct 2021



Opensource based DevOps/MSA Partner

- Local Partner – as of Oct 2021



OSC's Vision

- OSC is a leader in Opensource with highly experienced staffs and offer Opensource based agile Digital Transformation for our customers to enjoy the value of the new technologies.





“

Find your next job at OSC Korea. Our teams are dedicated to helping customers apply Opensource technologies to create success

”