

SMART DX SOLUTION

“The Key Technology for
Enterprise Digital Transformation
Platform”



SMART DX SOLUTION

The core technology of enterprise digital transformation platform, we provide Smart DX Solution.



Smart Cloud

Smart Cloud provides the core platform for the cloud infrastructure. Users can manage their platform components and run their applications according to the cloud native environment.



Smart Big Data

Smart Big Data provides various convergence analysis from visualization solutions to text mining and data mining machine learning statistics.



Smart AI

Smart AI develops products using machine learning and data, improves business productivity, and achieves successful digital innovation for customers.



CMP

CMP is a cloud management platform that can manage various cloud resources including private, public and hybrid cloud environments

SMART DX SOLUTION

Security & Automation



Smart DX is a digital transformation integrated brand developed and optimized by NAMUTECH Co. Ltd., its subsidiaries, and affiliates. It aims to provide integrated services for productivity improvement through automation, business competitiveness enhancement and customized/converged IT resource management.

Smart DX provides IaaS and PaaS and is a product that integrates big data analysis and MLOps with SaaS among the SaaS provided based on PaaS. It is a solution specialized for small and medium-sized enterprises.

By introducing the Smart DX solution, large, small and medium-sized enterprises can digitize their data and information by minimizing the initial cost burden and derive essential insights for corporate decision-making.

SMART CLOUD

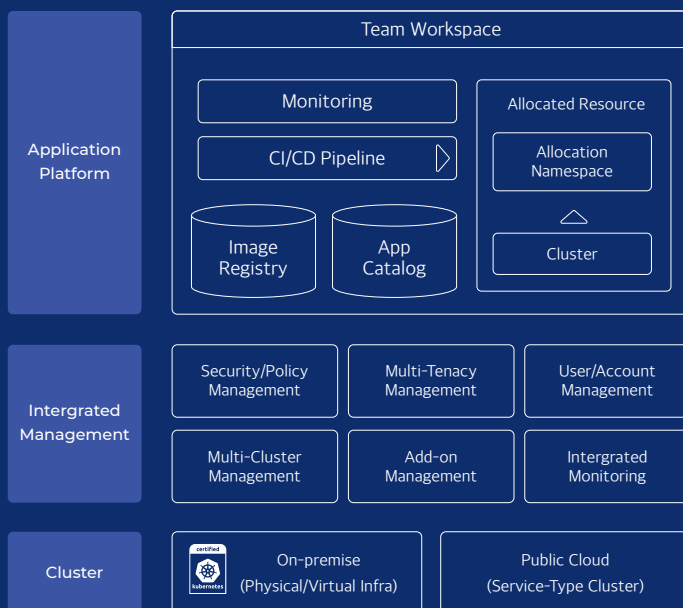
Cocktail Cloud (PaaS)

Cocktail Cloud provides service for establishing enterprise cloud native computing environment. Every service provides GUI environment to manage and supports optimization and connection with related system through API.

COCKTAIL CLOUD SERVICE



- Dashboard
- Tools
- Service Map
- Build
- Catalog
- Cluster
- Repository



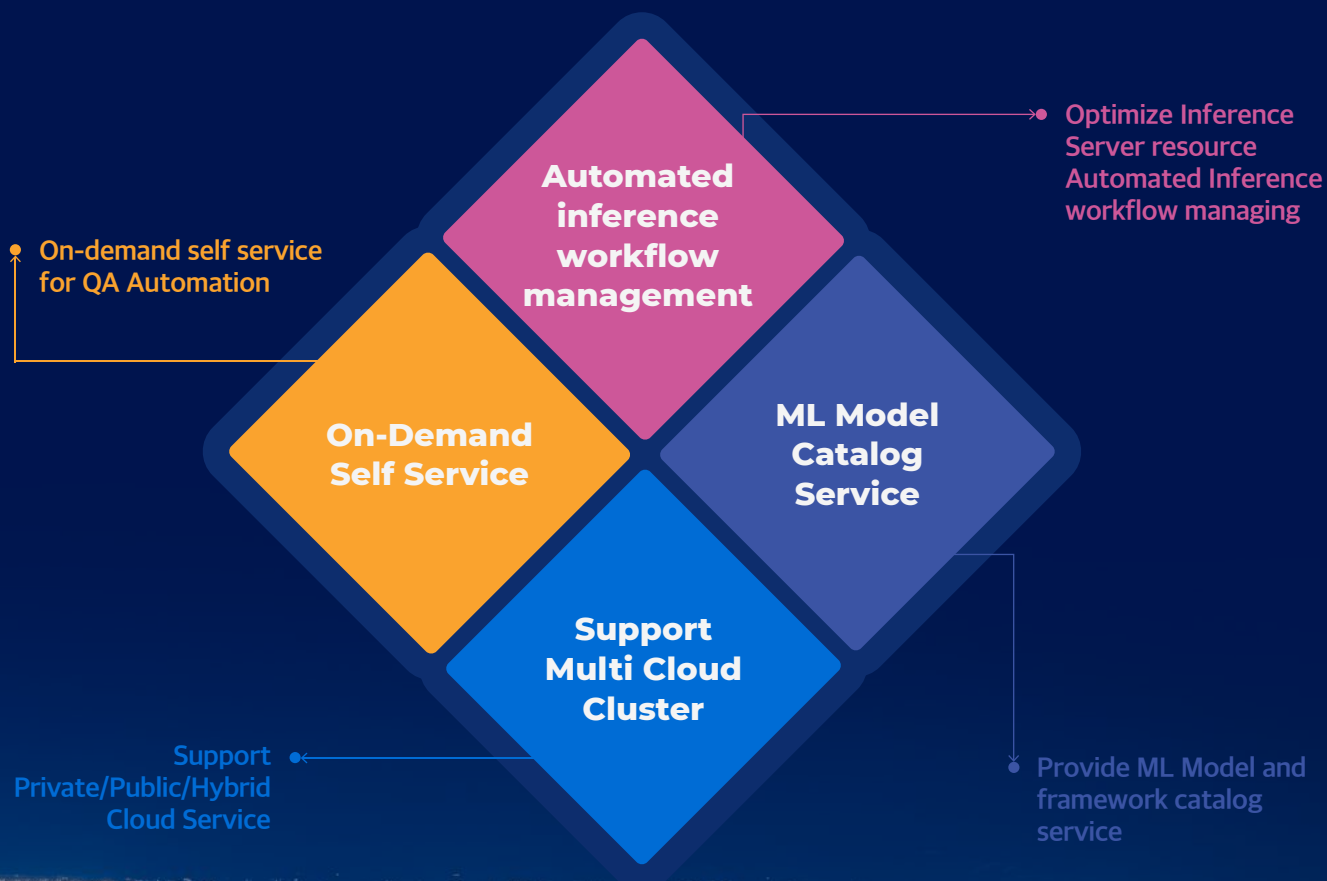
Cocktail Cloud Features

- Manages cloud-native infrastructure
- Provides DevOps platform and manages resources
- Integrated monitoring
- Manages security and policies

CMP

Sinbad

DevStack, a technology based company specializing in OpenStack, is optimized in Edge and Fog computing and effective deep learning processing using GPU.



Hardware Acceleration

Providing hardware accelerators(GPU, FPGA, RDMA) in Container environments using a k8s Device Plugin Framework

Differential Virtualization

First in Korea to provide GPU virtualization-based public cloud system in an OpenStack environment

Resource Orchestration (AutoScaling)

Efficient use of inference work resources through auto-scaling

Hybrid Cloud

Multi-cluster services across multiple clouds

SMART BIG DATA

NetMiner 365

NetMiner 365, Graph Machine Learning
Playground for Data Analyst

NetMiner 365, Graph Machine Learning Playground for Data Analyst

Graph Analytics

Machine Learning



Graph
Machine
Learning

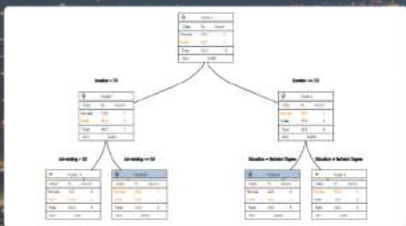
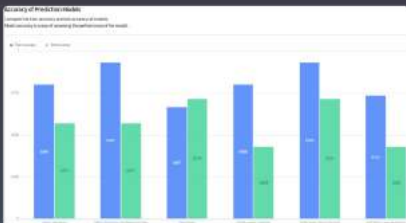


Key Features



Self-Service Machine Learning

Build predictive models
in just a few clicks without coding



Full-Featured Graph Analytics

NetMiner 365 offers everything
necessary for Graph Analytics



Cutting-Edge Graph Machine Learning

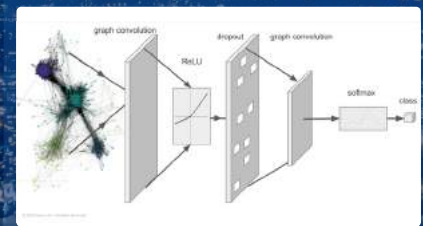
The key of data analytics is
the graph data hidden in big data

Node Embedding

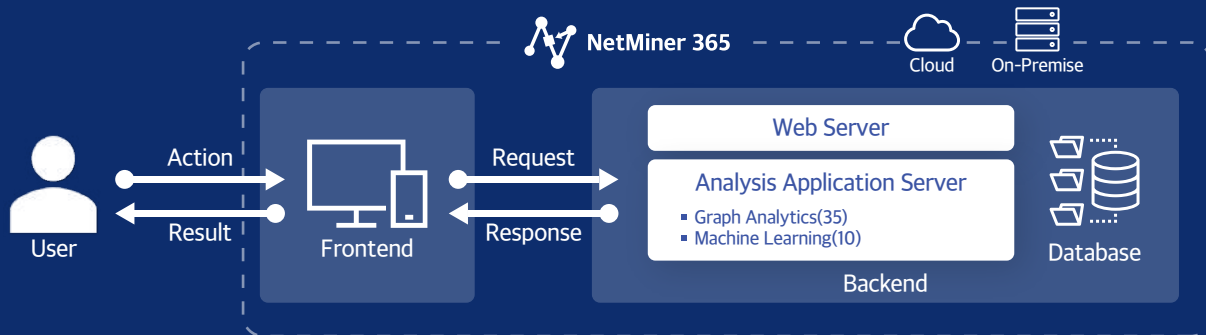
Convert graph data into low
vector spaces.

Graph Learning

Predict and classify data with relational
features of nodes.



System Architecture

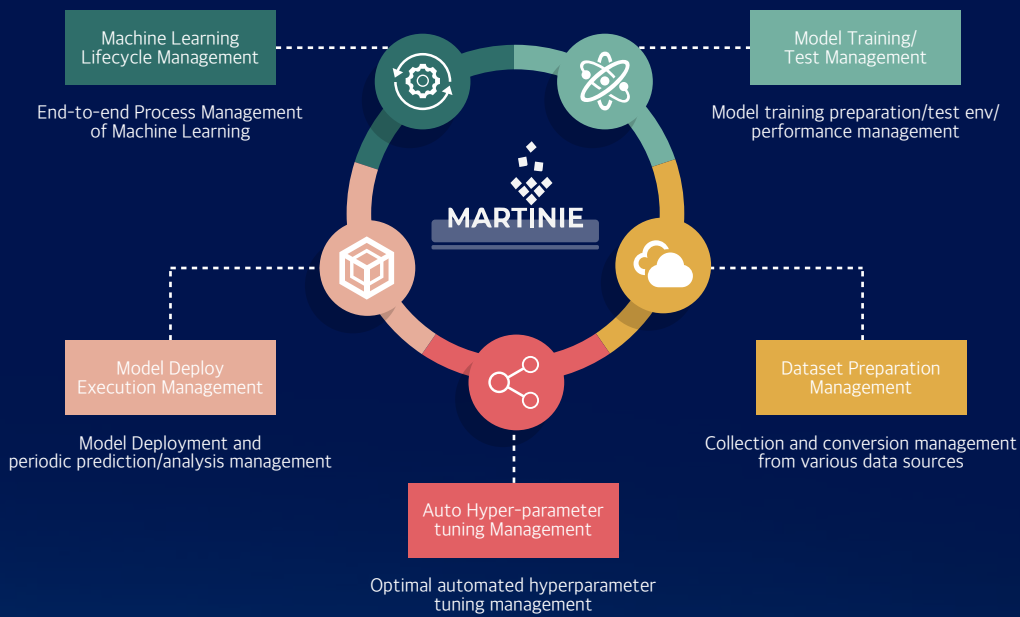


SMART AI

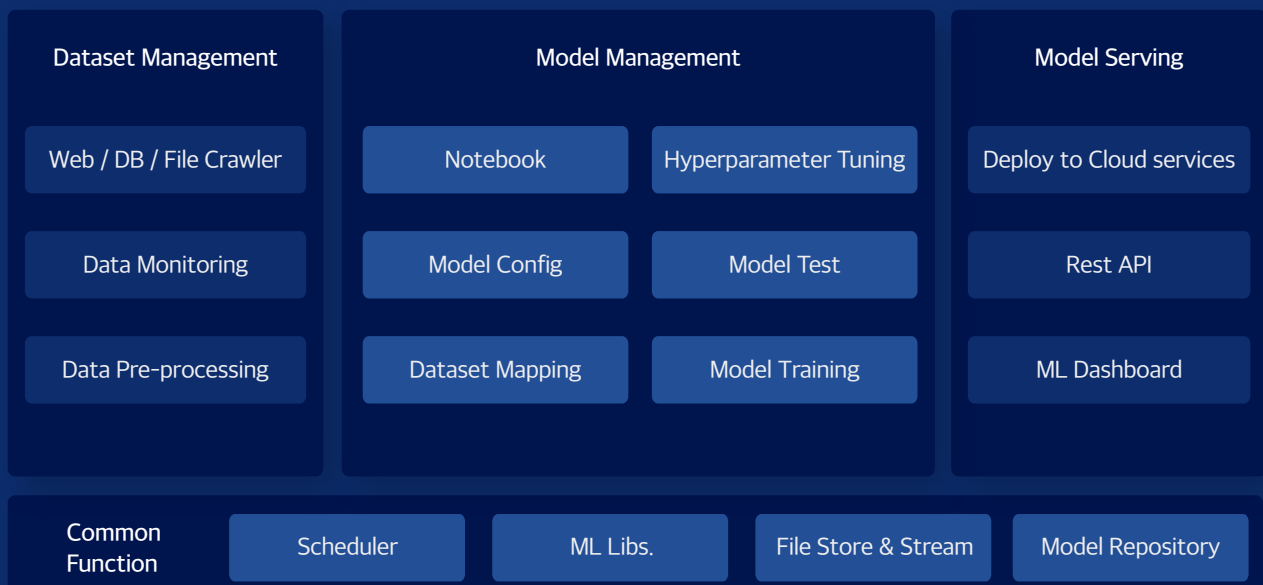
MARTINIE

Machine learning & ARTificial Intelligence InfrastructurE
“Enables people to leverage MLOps.”

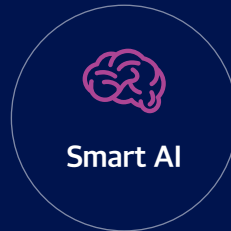
MARTINIE SERVICE FUNCTIONALITY



MARTINIE SERVICE COMPONENT



SMART DX SOLUTION



Smart DX Solution Product Line-up

Product Name	Description	Category	Features	
SMART DX SOLUTION	Smart DX Solution	All-in-one digital transformation products	Digital transformation	All-in-one package of Smart Cloud, Smart Big Data, Smart AI, CMP
 Cocktail Cloud	Cocktail Cloud	Enterprise cloud native platform	Cloud	Provides a multi hybrid based cloud native environment for companies, including DevOps, multi-tenancy, catalog, monitoring, etc.
 NetMiner 365	NetMiner 365	Big data graph network analysis	Big data	A convergent analytic solution using text mining, data mining, machine learning, and statistics based on social network analysis
 MARTINIE	MARTINIE	Management of machine learning AI	AI	Provides an MLOps environment from machine learning lifecycle management, model prep test management, model deployment /performance management to dataset collection management
<i>Sinbad</i>	Sinbad	Full-stack DevOps management platform	CMP	Supports infrastructure for each user application, as well as customized service composition between platform layers. Also supports various UI and UX combinations