



Integrated System Management Software “Hinemos”

March 16th 2022
NTT DATA Intellilink Corporation

About us

Company Name:

NTT DATA INTELLILINK Corporation

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104-0052

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Subsidiary Company: NTT DATA NEWSON Corporation
NBF Akasaka SannoSquare Bldg, 2-2-12 Akasaka, Minato-ku, Tokyo
107-0052

Branch Offices:

- Shinagawa Office: DATA Wing 1F, NTT shinagawa TWINS, 1-9-1, Konan, Minato-Ku, Tokyo 108-0075
- Kansai Office : NaniwasujihommachiMID, 2-3-2, Usubohommachi, Nishi-ku Osaka-shi, Osaka, 550-0004

Date of Establishment: August 3, 1999

Capital: JPY 100 million

- A consolidated subsidiary with 100% ownership of NTT DATA Corporation

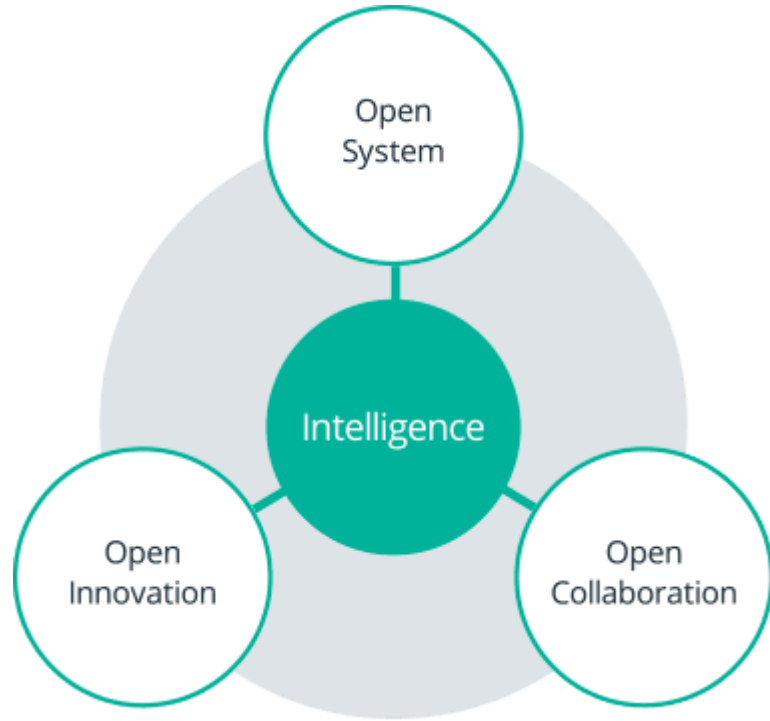
Consolidated Net Sales: JPY 58,500 million
(From April 1, 2020 to March 31, 2021)

Number of Group Employees: 1,401 (as of April 1, 2021)



掲載されている当社の商品・サービス名称等は当社の商標又は登録商標です。その他の会社名・商品名・サービス名などは各社の商号・商標又は登録商標です。

What is INTELLILINK ?



Intelligence + LINK = **INTELLILINK**

We provide one stop solutions and services to help our customers utilize the best practices.

By linking cutting-edge technology with intelligence, we create high value-added know-how and provide the **best practices** for IT platform.

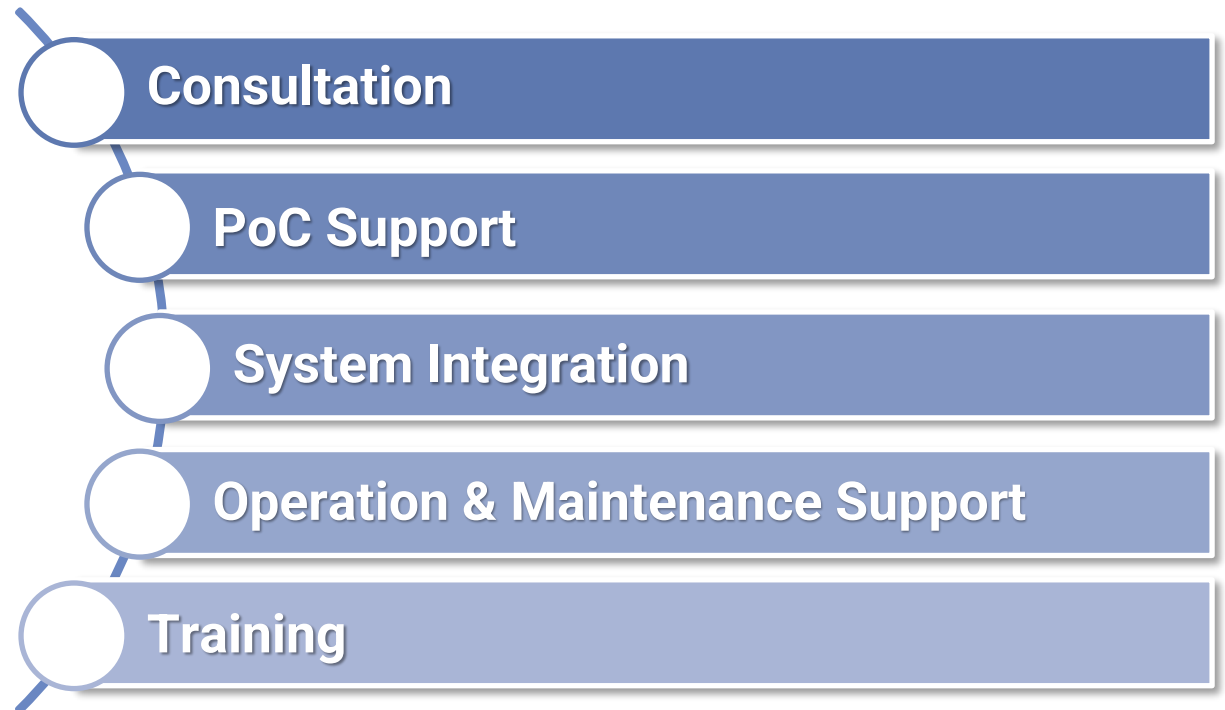


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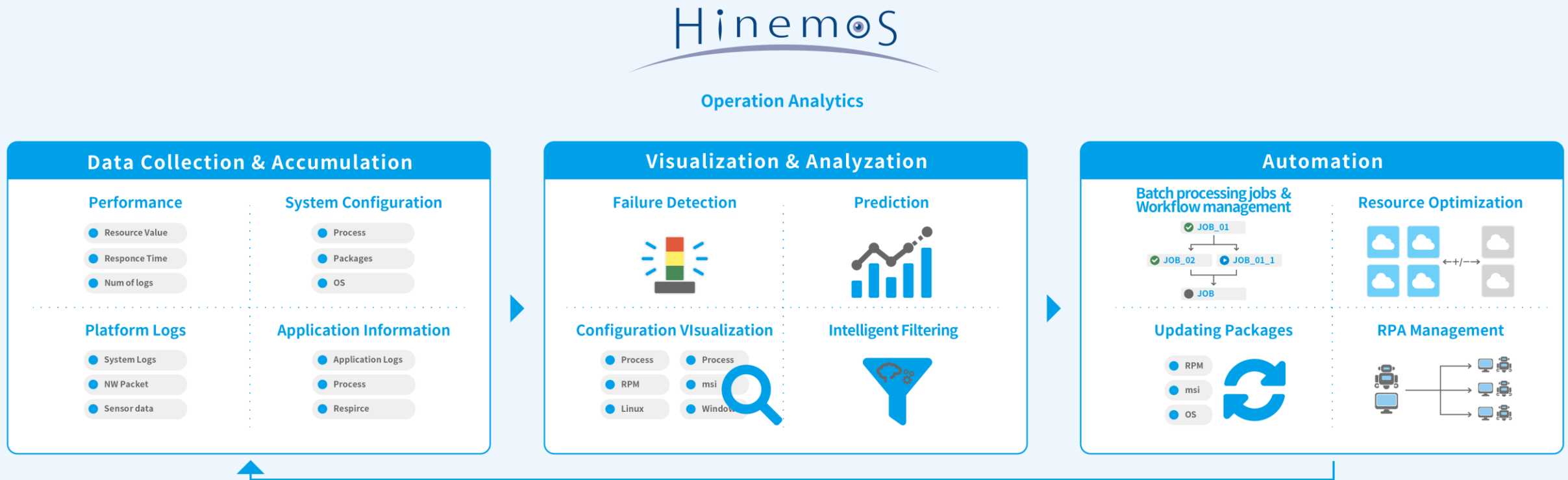
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Product Overview

What is Hinemos?

Integrated System Operation Management Software for Enterprise System.



DX
Digital Transformation

Monitor methodologies of IT system propelling DX • Integrate Automation Tools

SRE

ITOps

DevOps

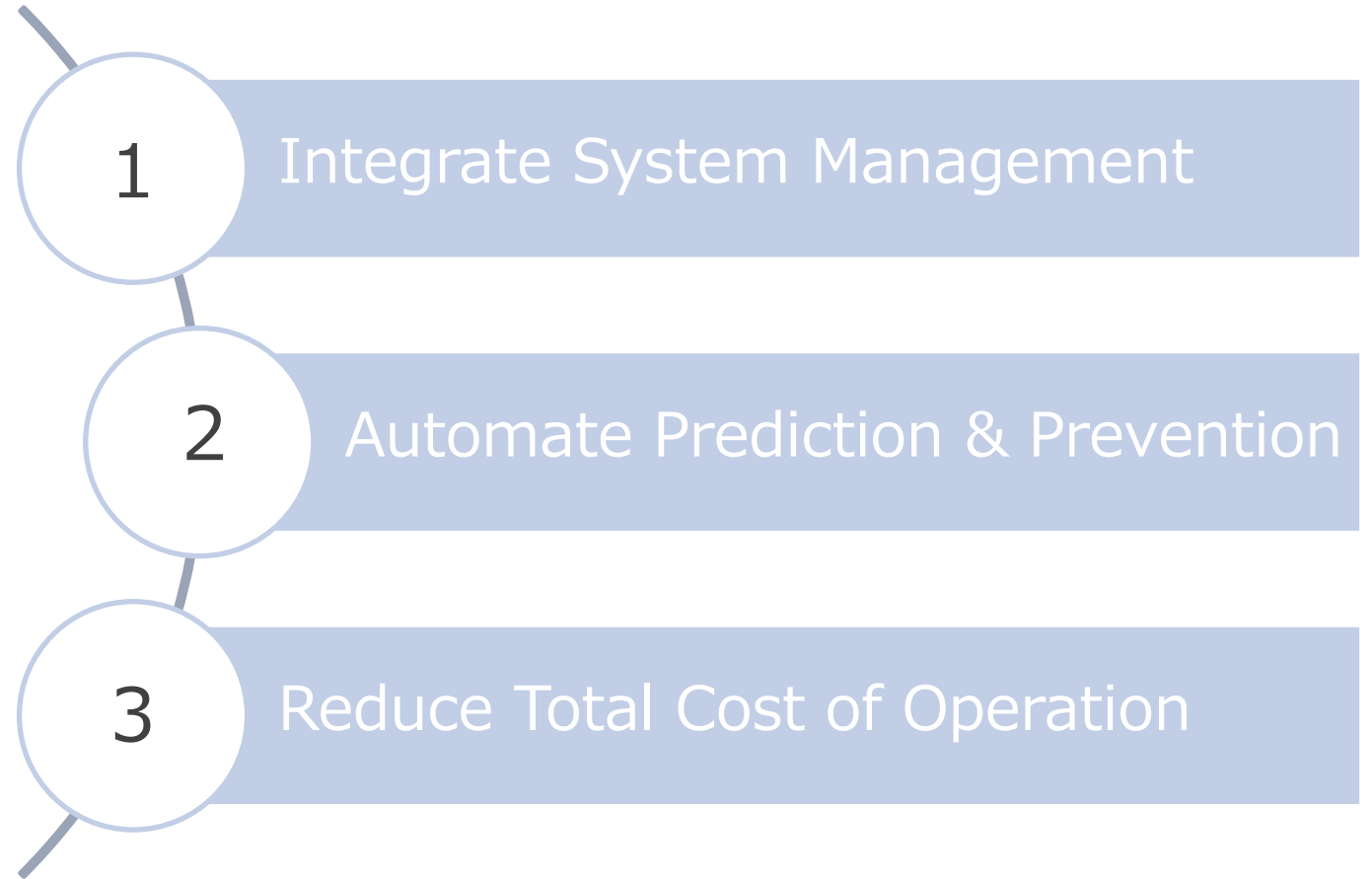
NoOps

AIOps

Why Hinemos ?

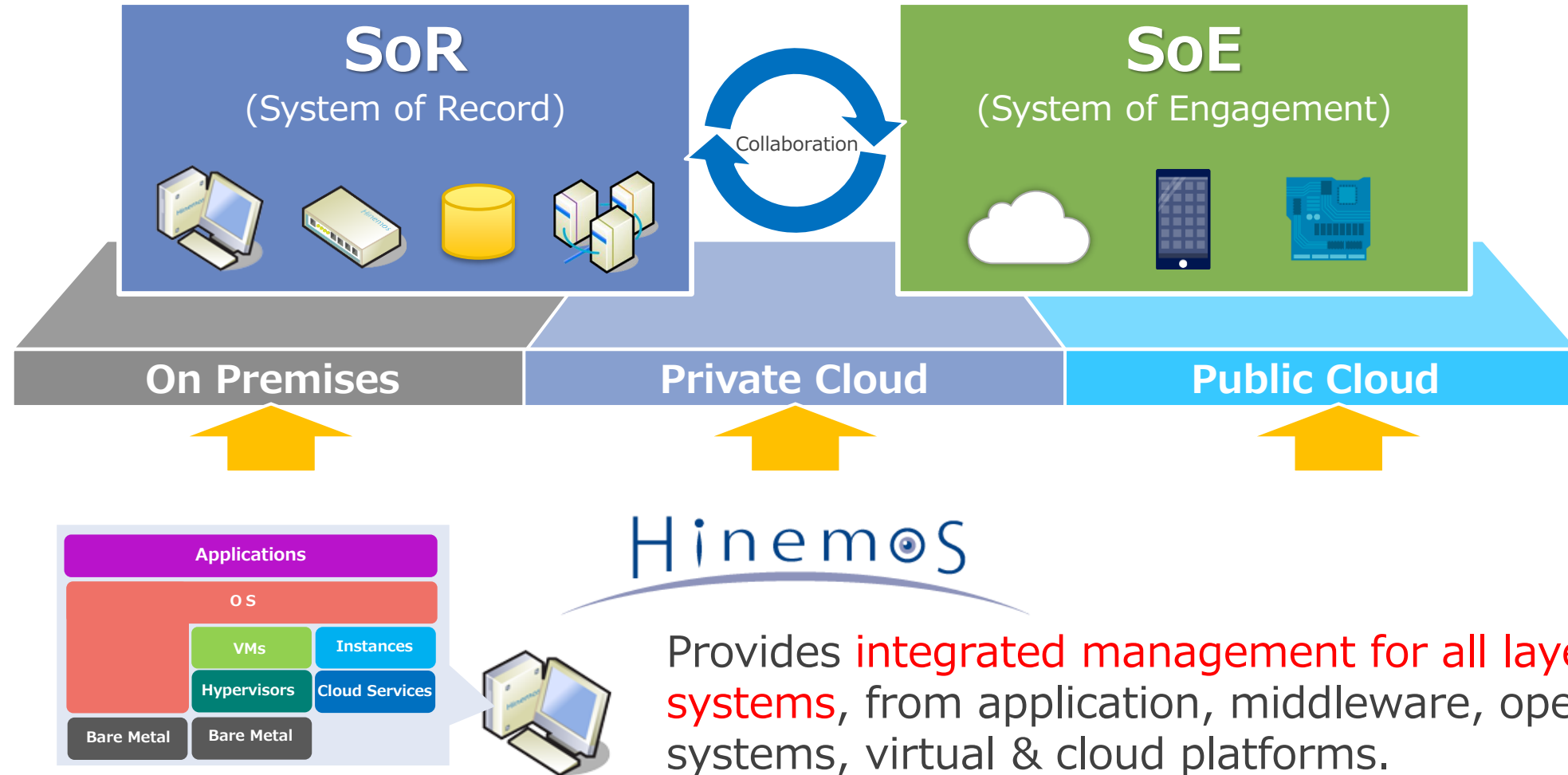
Hinemos can simplify system management, to activate your business.

Why Hinemos?



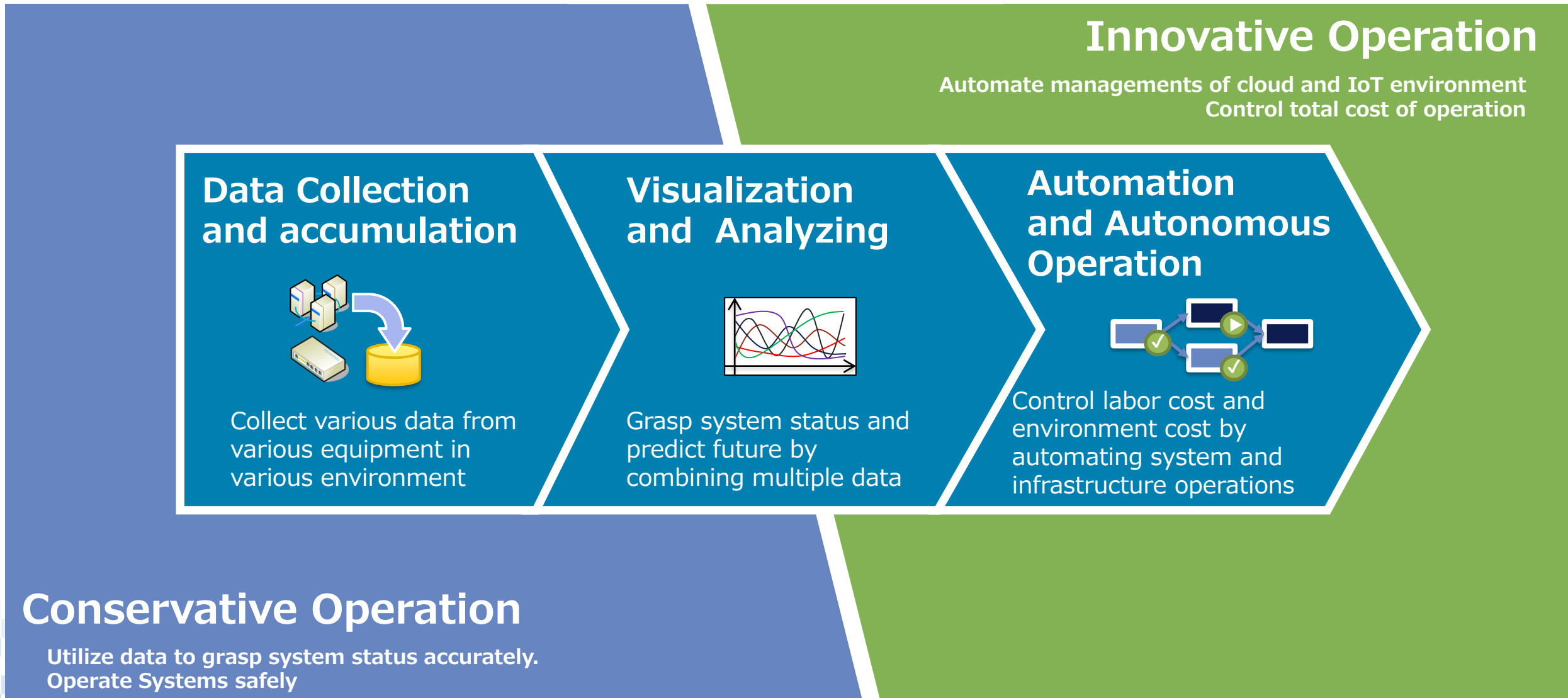
1. Integrate System Management

Integrate System Operation Management by one software.



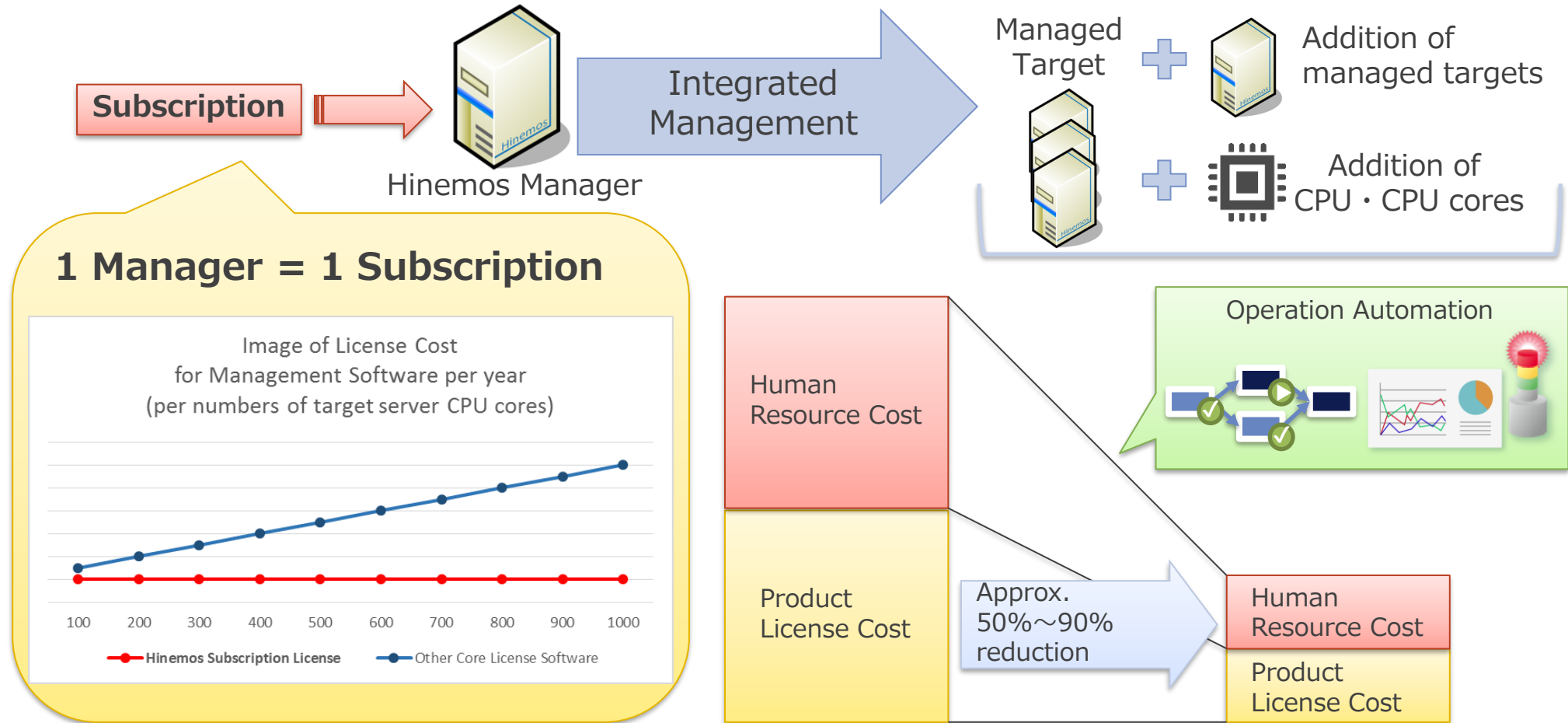
2. Automate Prediction & Prevention

Automated & preventive operation by “Operation Analsys”



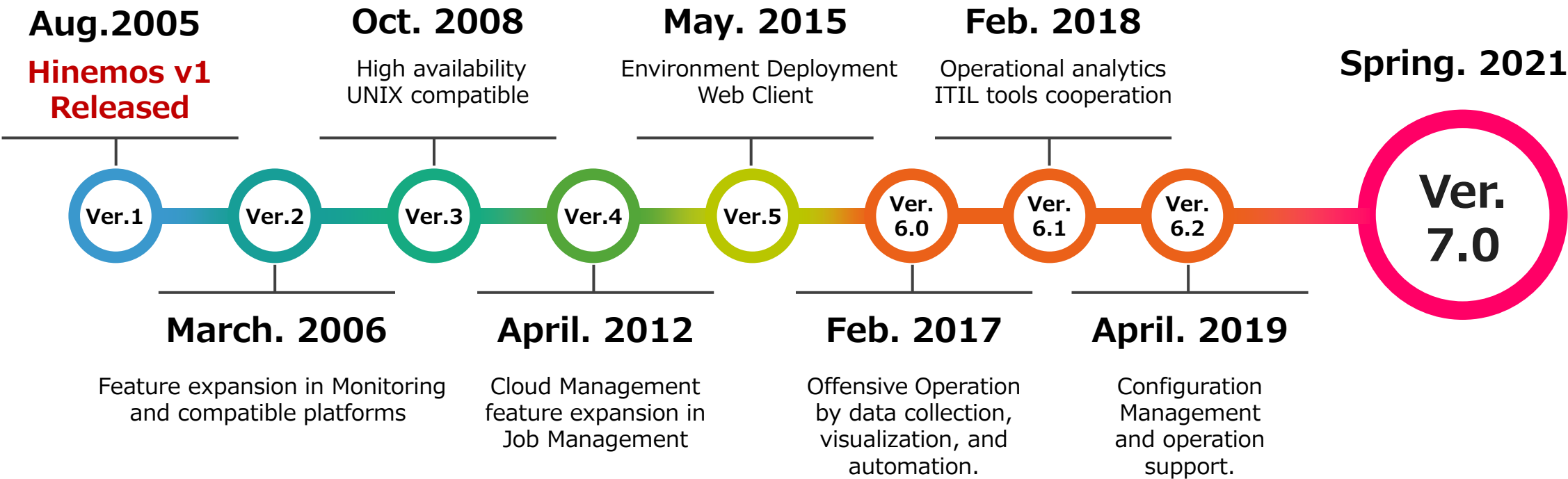
3. Reduce total cost of Operation

Manage large mission critical system with subscription and **Reduce TCO.**



Reducing TCO and Maintenance Cost

History of Hinemos



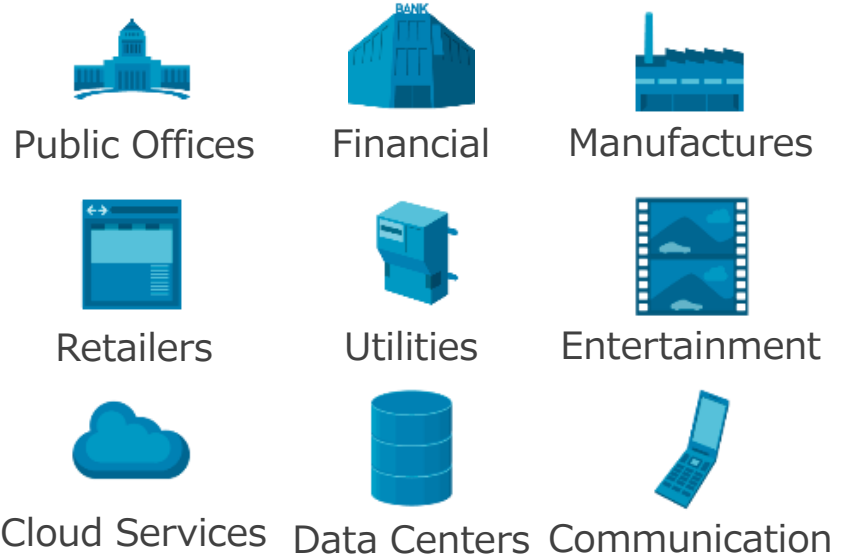
Integrated Operation : Leader
Log Management : Leader
Network Management : Leader
Job Management : Leader

Systems using Hinemos

Used in various systems, in various sectors,
since 2005

850,000 + Downloads

used in **900 +** Systems



Data Centers



- NTT DATA Green Data Center
- Multi-Cloud Monitoring Service

Mission Critical



- Credit and Finance Information Switching System (CAFIS)
- ASP Service for Financial institution

Global



- Vatican Library Digital Archive system
- Indonesia NSDI system
- Unified Development Cloud

and much more...

Credit Value Adjustment System on IBM Cloud

Requirement

- Use cloud environment, to provide needed resource for calculation, dynamically.
- Assure security, to reduce the risk of using public cloud environment.

Business Challenges

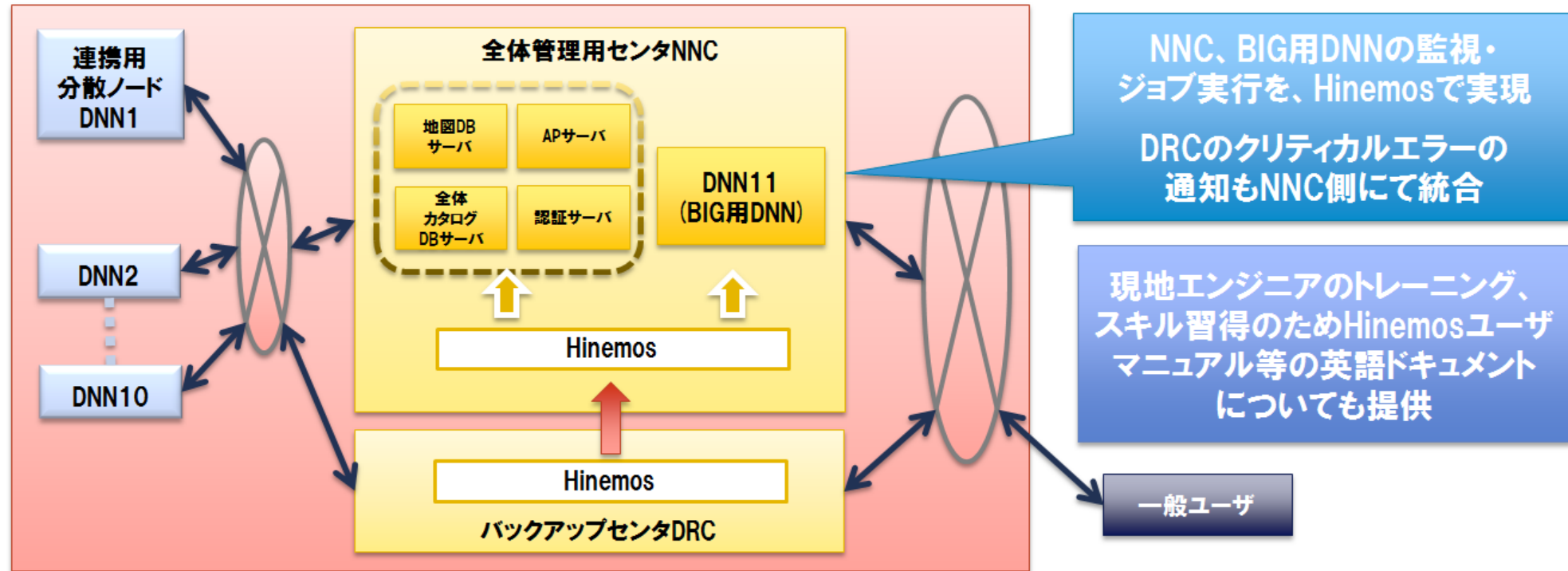
- Maximize the merit, the flexibility of cloud environment, with low cost.
- Provide management features without losing its flexibility of cloud environment.

Contribution with Hinemos

- Enabled cloud ready operation management and its automation
 - by providing features which natively adopts to dynamic configuration changes of environment.
 - by providing features using encrypted protocols in between components.
- Enhanced its merit the flexibility of cloud environment
 - by providing all in one license policy which does not scale with the increase of managed target CPUs.

Indonesian government (Geographic Information System)

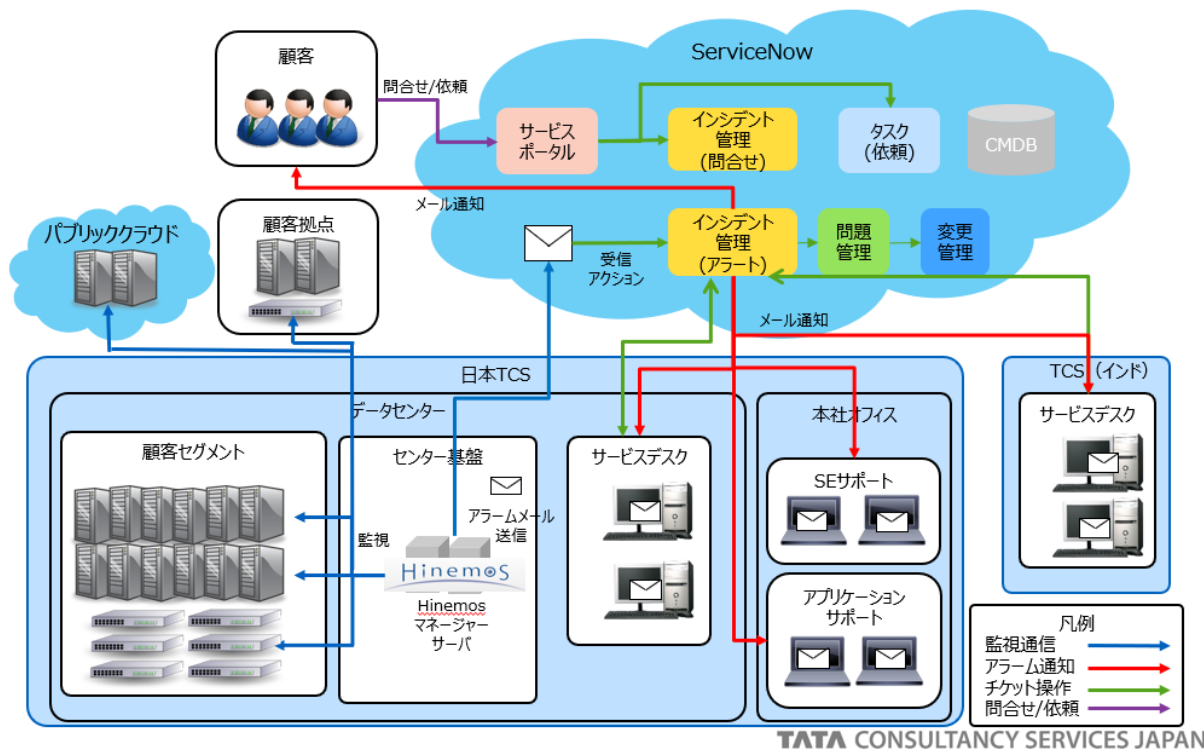
Hinemos is used for monitoring and batch operation in Geographic Information System, used across various government institutes in Indonesian government.



Mainly driven by the Geospatial Information Agency of Indonesian Government, 11 ministries are connected to this National Spatial Data Infrastructure, and this system is managed by Hinemos.

Tata Consultancy Services Japan

Hinemos is used to provide monitor Data Center providing housing services, cloud environment, equipment located on customer sites.



Cooperation with ServiceNow

With ServiceNow cooperation feature, Monitoring alerts from Hinemos is automatically escalated to multi located service desk.

Low cost with rich features

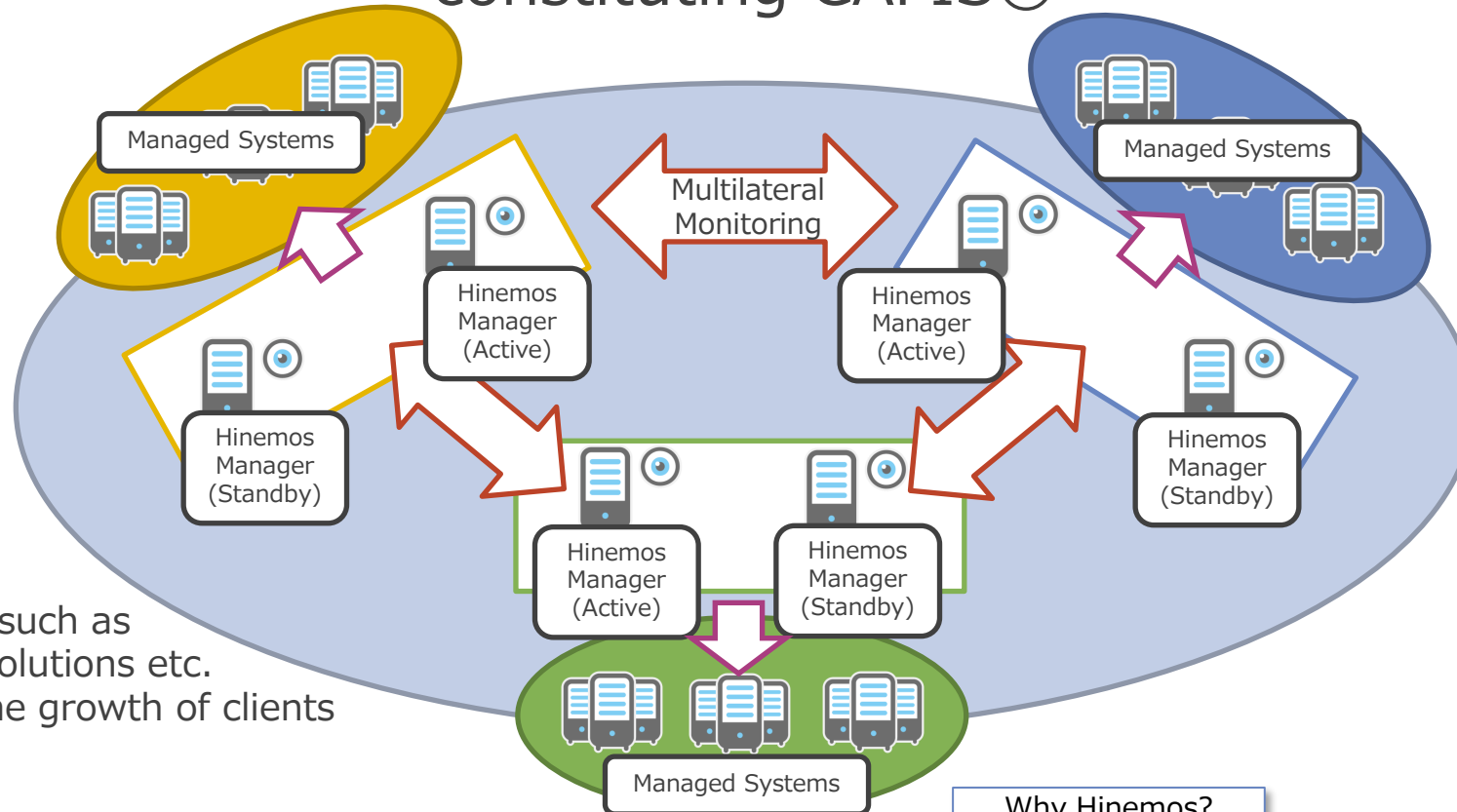
Features to provide equivalent monitoring service as existing software(JP1), with lower cost, which does not hinder the growth of the services.

Redundant monitoring with low cost

Provides redundant monitoring environment, by using "Hinemos Mission critical features", which does not require expensive shared disk.

NTT DATA : Cards & Payments Services CAFIS®

Hinemos is used for Integrated Operation of over 70 mission critical system constituting CAFIS®



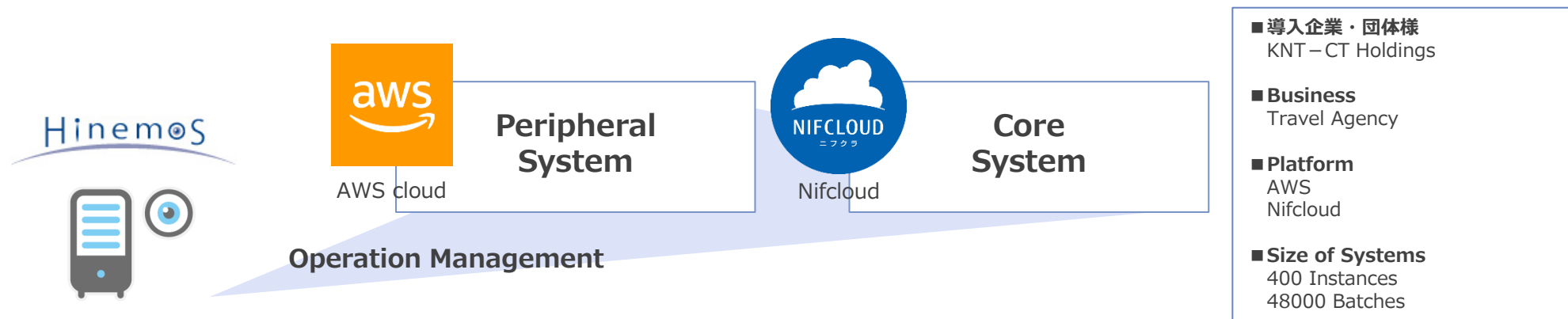
CAFIS® provides various payment-related solutions such as shared POS, fraud detect solutions etc. to make contributions to the growth of clients and society.

"Beyond The Payments" CAFIS brand message represents our hope to make purchasing in both Japan and overseas more convenient and enjoyable.

Why Hinemos?

- Ability to manage both physical and virtual environment.
- Rich features to assure High Availability of Hinemos for Mission Critical System Monitoring
- Flexible access control feature for independent operation per systems.

System Operation migrated from JP1 to Hinemos, for Hybrid Cloud Management



Hybrid Cloud (AWS x Nifcloud)

Hinemos provides support for Both Public(AWS) and Private(Nifcloud) Cloud.

Ability to manage core systems

Ability to provide monitoring and Batch operation for core systems for customer business.

Ability to replace JP1

Reduce TCO dramatically by replacing JP1 to Hinemos.

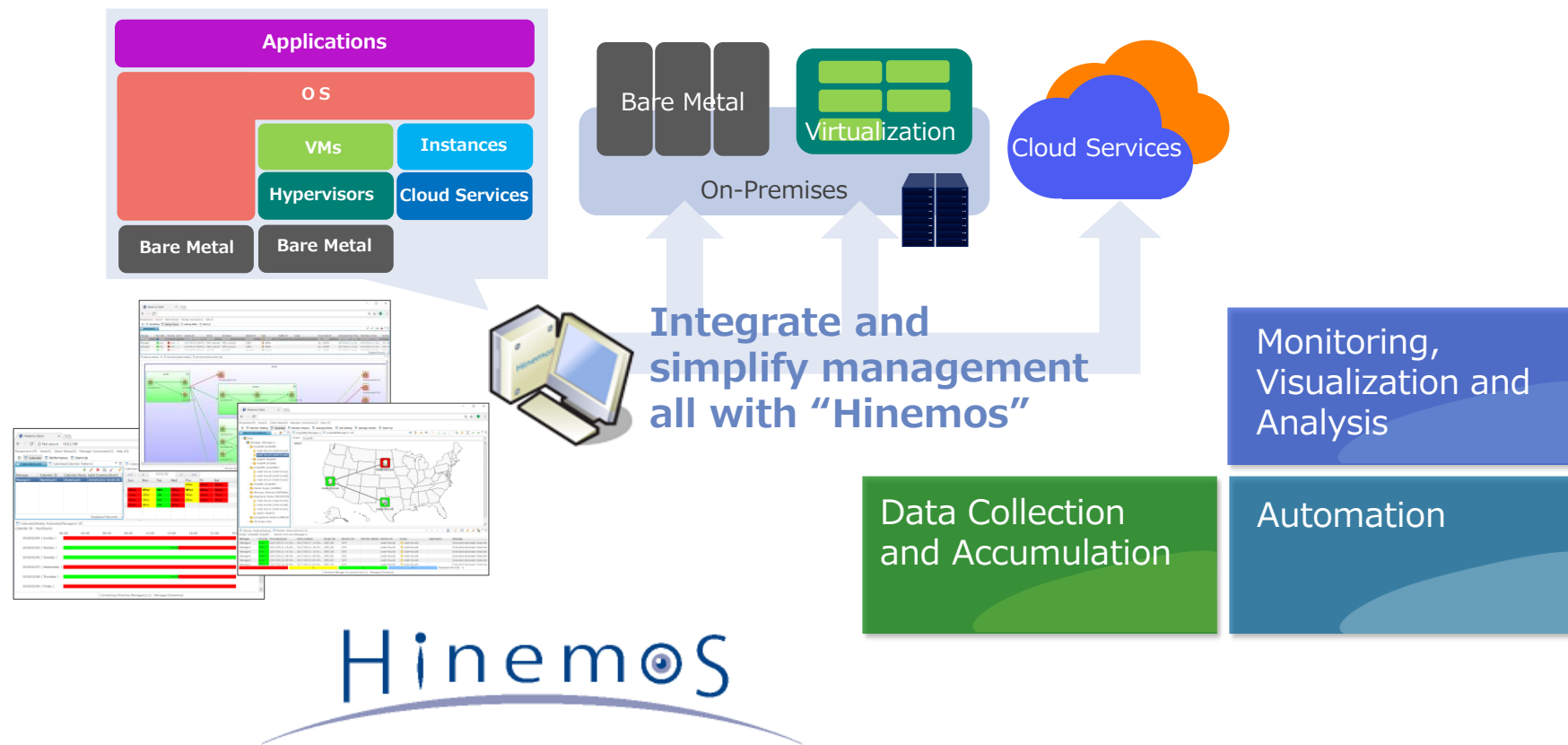
Solution service for migration

Provides solution to provide easy migration of thousands of batches.

Feature Overview

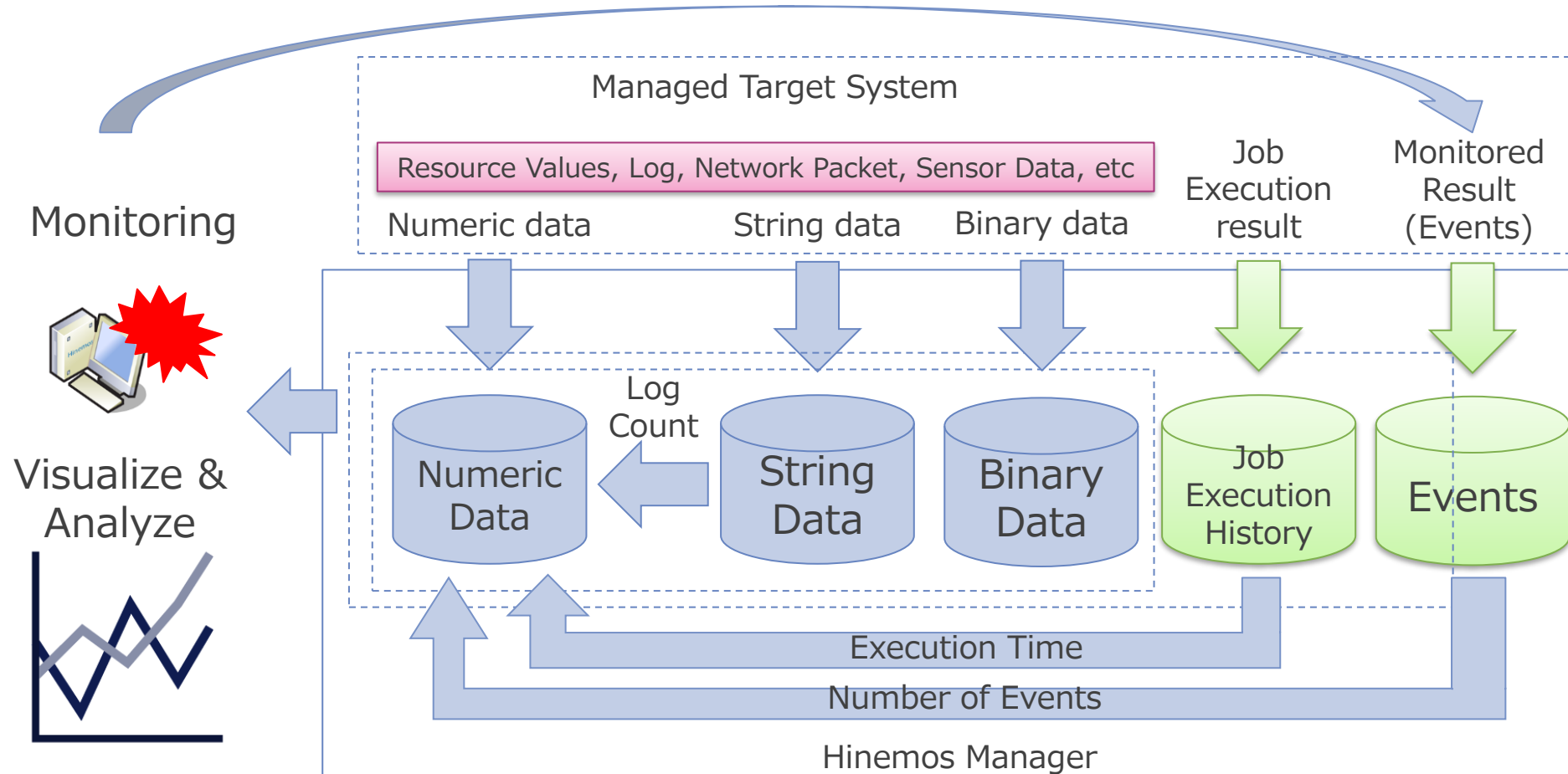
Feature Overview

Hinemos provides simple & unified operation management features of complicated system



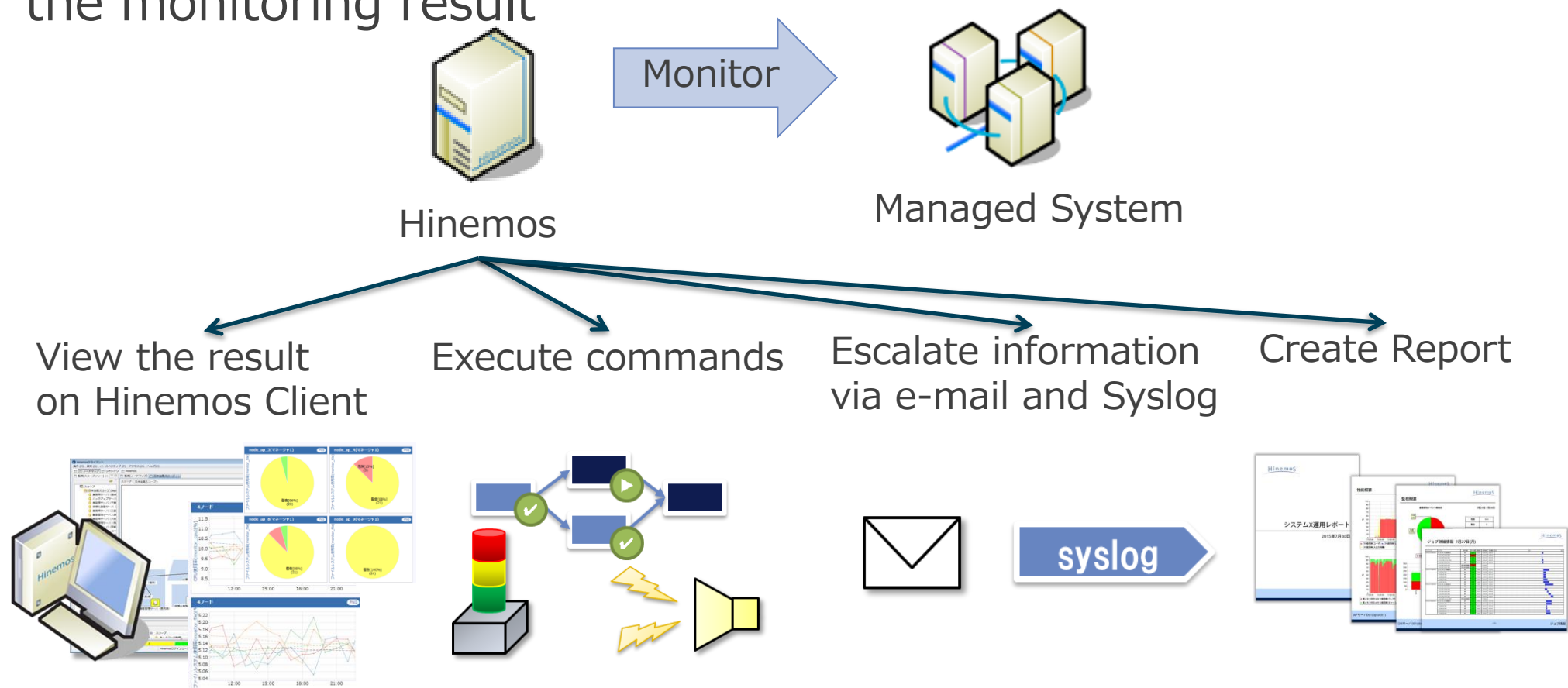
Data Collection and accumulation

Various data from managed systems can be collected, stored, and be used for analyzation



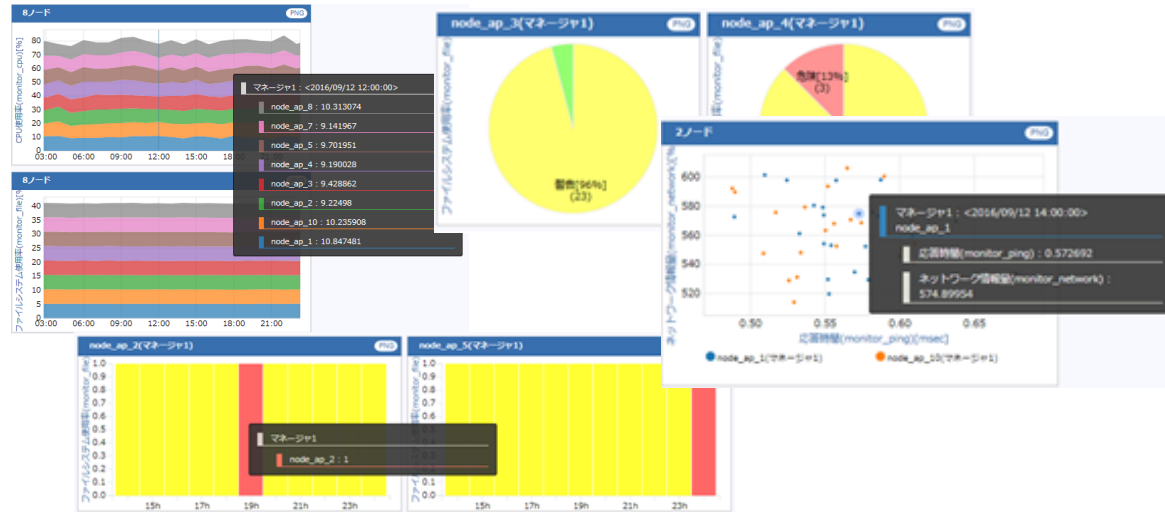
Monitoring

Collected Data from managed systems can be monitored in various ways, and various actions can be taken depending on the monitoring result



Visualization and Analysis

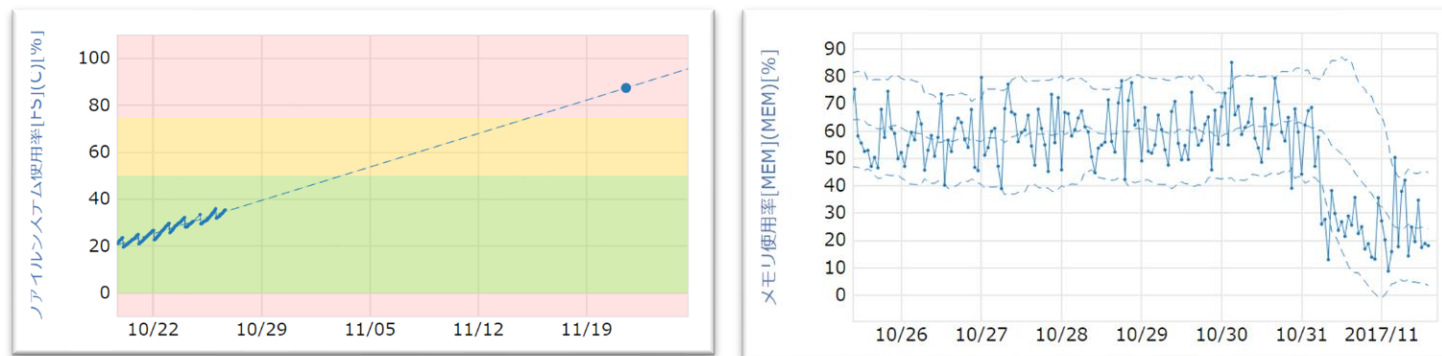
Collected data can be visualized in various format



- Visualize in various graph format (ex. Distribution map, Scatter plot)
- Show correlations between data
- Export data in PNG, CSV format.

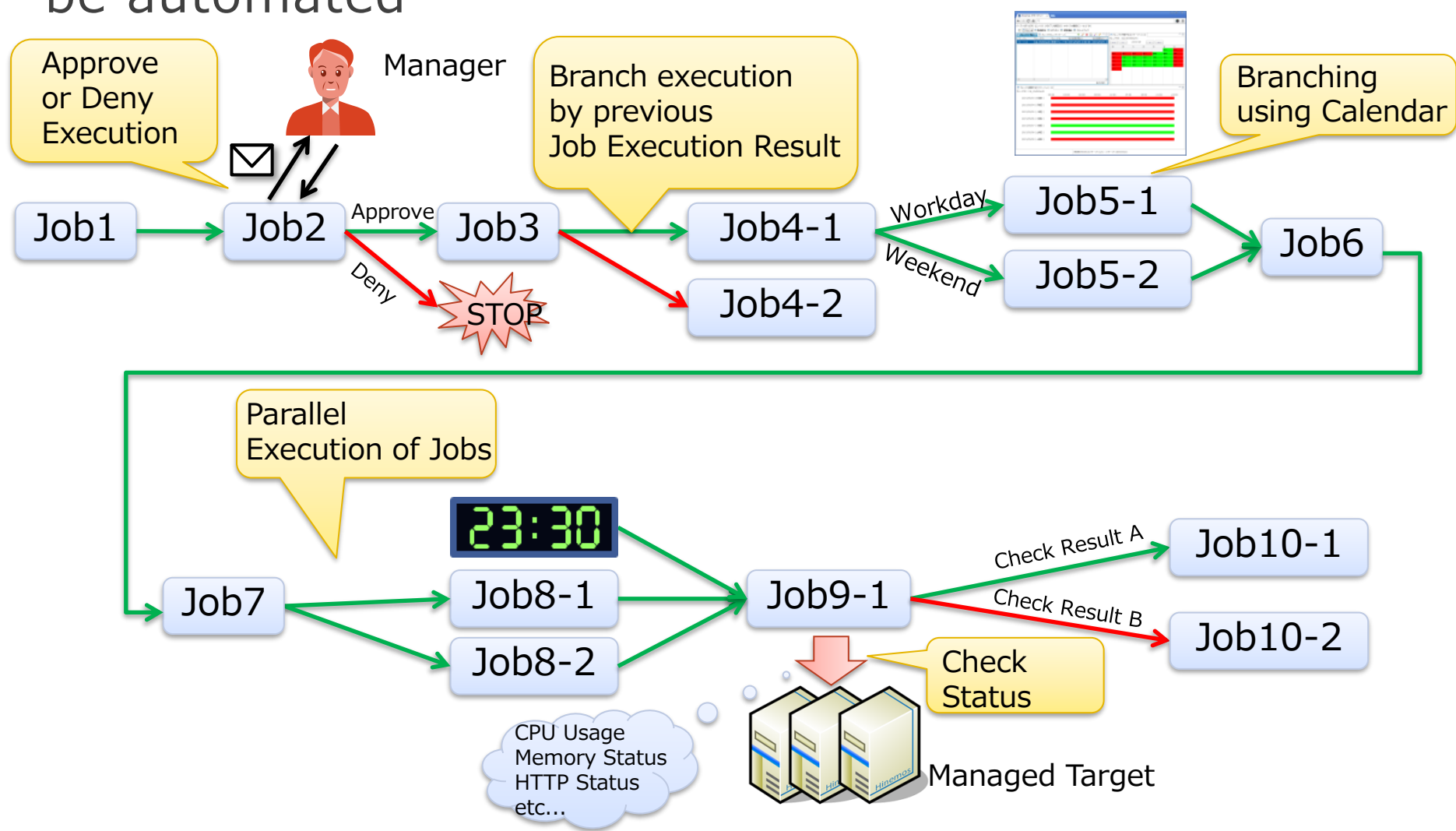
Add extension line to visualized data for analyzation

(Predict future values with 1st~3rd order approximation, gap from predicted values, correlations)



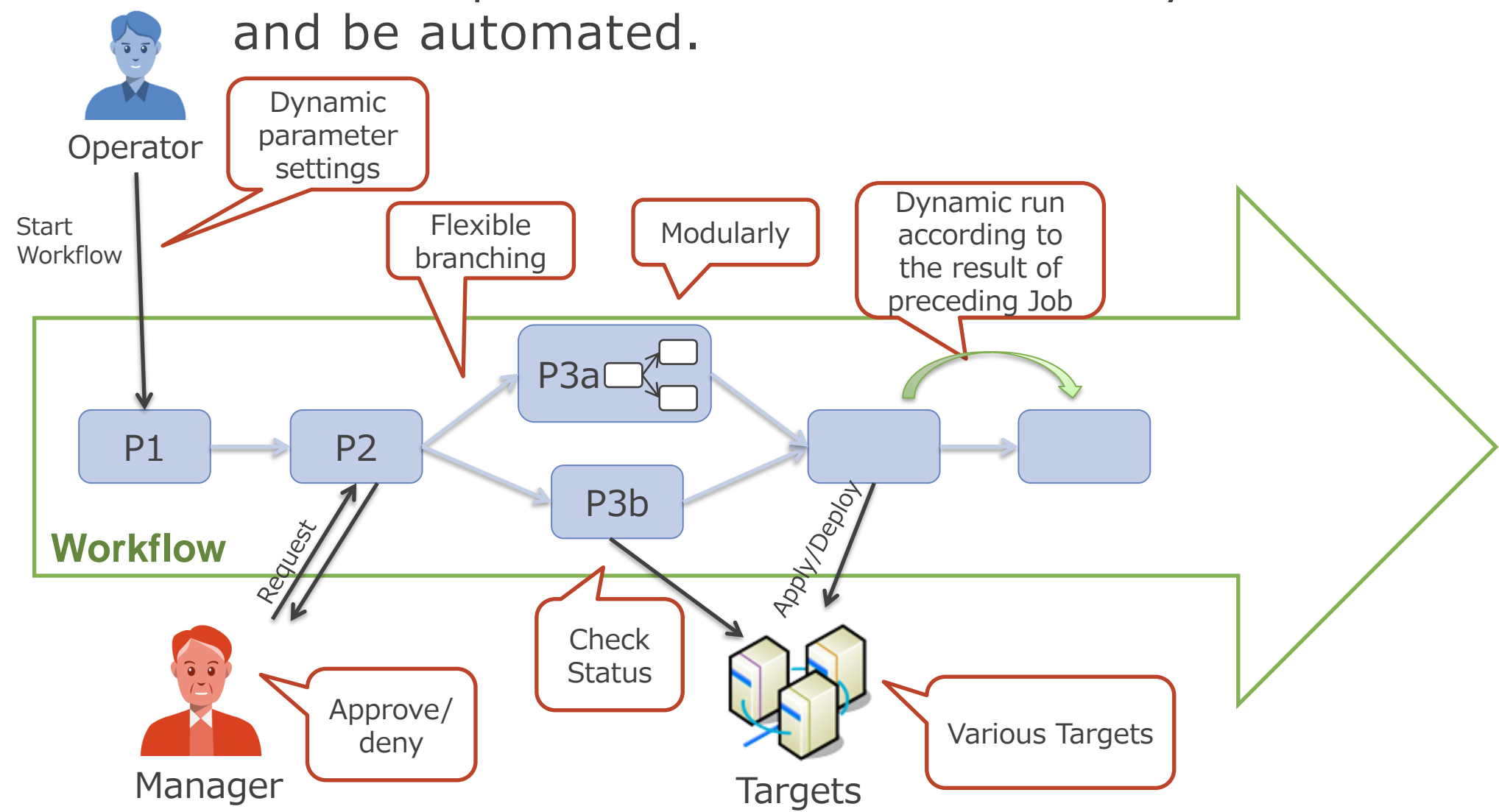
Operation Automation (Job Scheduling)

Various Operation can be stylized, scheduled and be automated



Runbook Automation

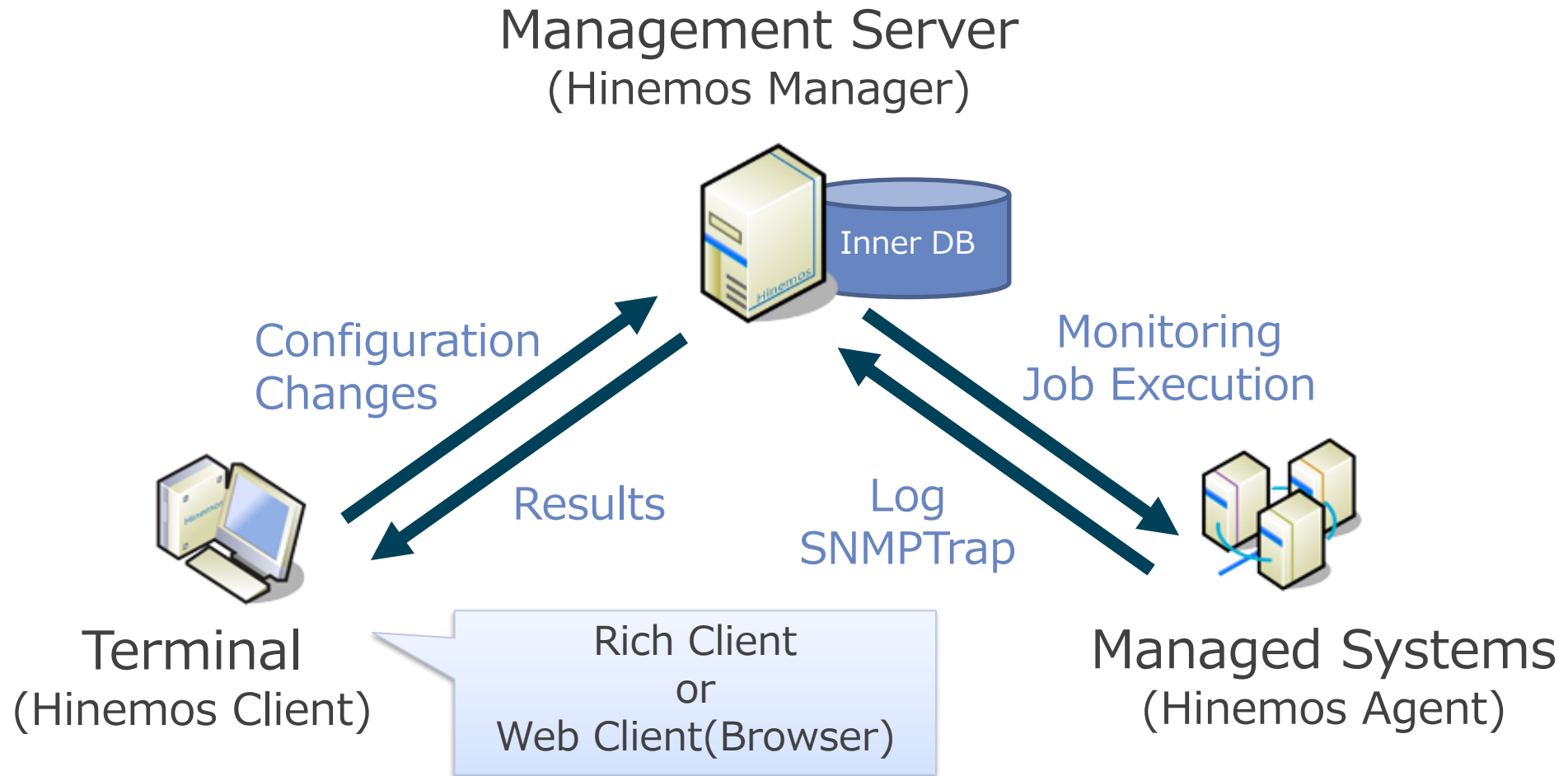
Various Operation workflow can be stylized and be automated.



Packages and components

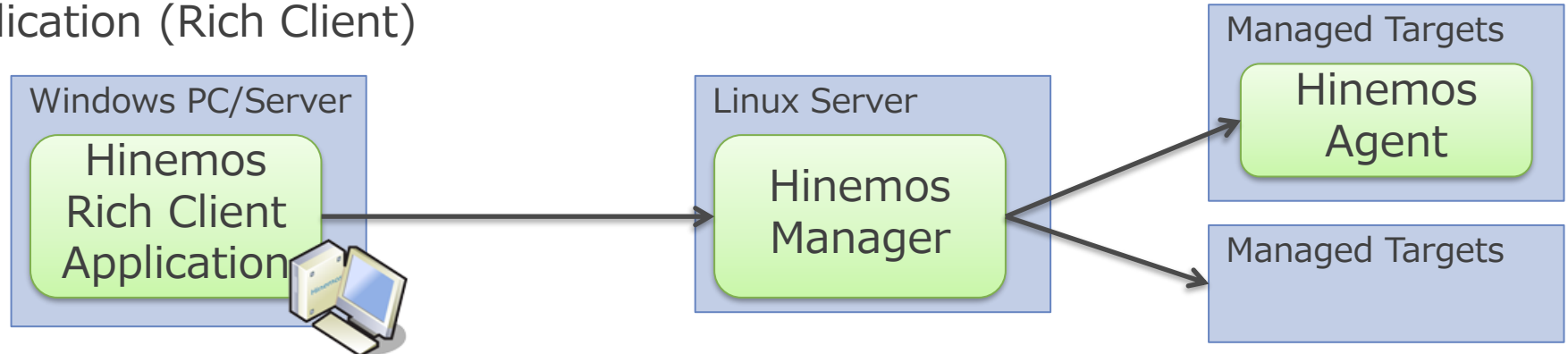
Basic components of Hinemos

3 basic components of Hinemos

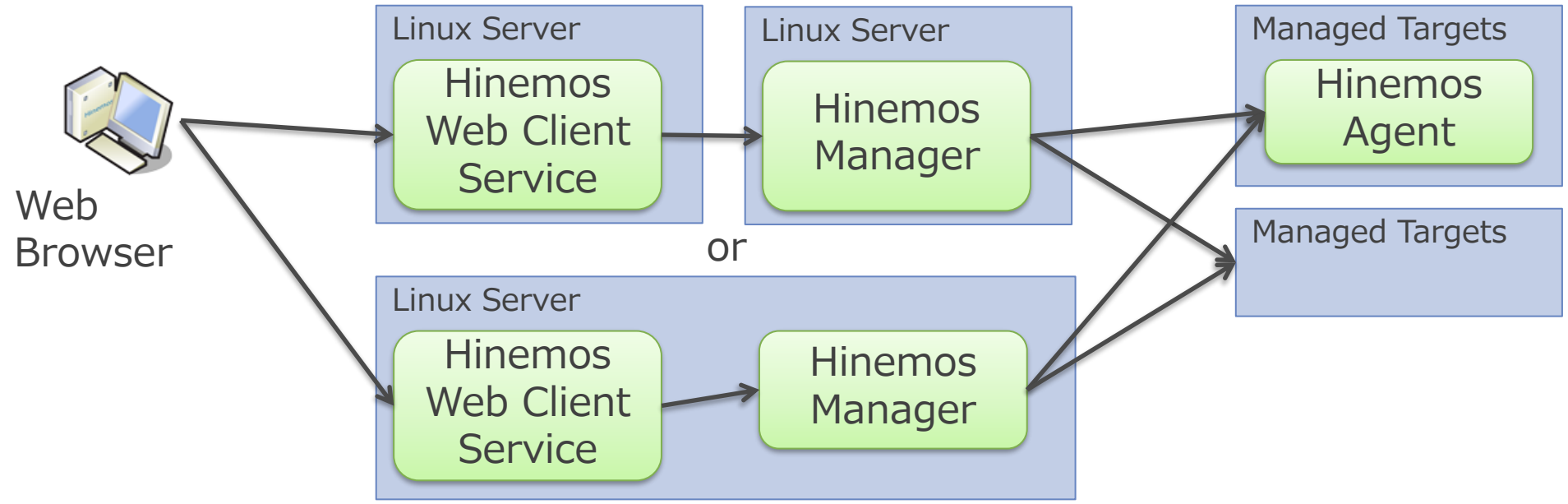


Hinemos Client

GUI Application (Rich Client)



Web Client



Supported OSs

Built packages are provided and supported

Components	Supported OSs
Hinemos Manager	RHEL 7, 8/CentOS 7
	Windows Server 2019, 2016, 2012R2
	Amazon Linux 2 2.0.20190115 and later
Hinemos Agent	RHEL/CentOS/Oracle Linux 8, 7, 6, 5
	Windows Server 2019, 2016, 2012R2, 2012, 2008R2, 2008
	Windows 10, 8.1
	Amazon Linux 2 (2.0.20190115 and later)
	Solaris 11(SPARC, x86) ,Solaris 10(SPARC, x86), HP-UX 11i (v3), HP-UX 11i (v2), AIX 7.2, AIX 7.1
	SLES 15, SLES 12
	Ubuntu 16.04LTS, 18.04LTS
Hinemos Client (GUI APP)	Windows Server 2019, 2016, 2012R2, 2012
	Windows 10, 8.1
Hinemos Client (Web)	Internet Explorer, Firefox, Chrome ※Supported Browsers

Service Overview

Design & Integration Service

Provide various support for integrating Hinemos, from consultation and designing to the actual installation.

Use knowledge, know-how, templates effectively

Migration Service from other products

Reduce TCO by Hinemos subscription
While keeping the migration cost low.

Migrate for low-cost in short term

Version Upgrade Service

Upgrade Hinemos to newer version while reducing effects to managed systems

Cloud ready
optimize
Cloud operation

Plan

- Proposal Support
- Consulting
- Requirement definition

Design

- Basic Design
- Detailed Design
- Parameter Design

Integrate

- Installation
- Communication Check
- Install Runbook

Test & Prep

- Test
- Operation Runbook

Software

Update

Support

- **Simple Fee**

1 Subscription per Hinemos Manager

- **Long Term Support**

Product support provided for up to 10 years

- **Easy to select**

3 simple steps to choose subscription

Manager OS

- ☐ RHEL6/7
- ☒ Windows Server

Manager Structure

- ☐ Single
- ☒ Mission-Critical

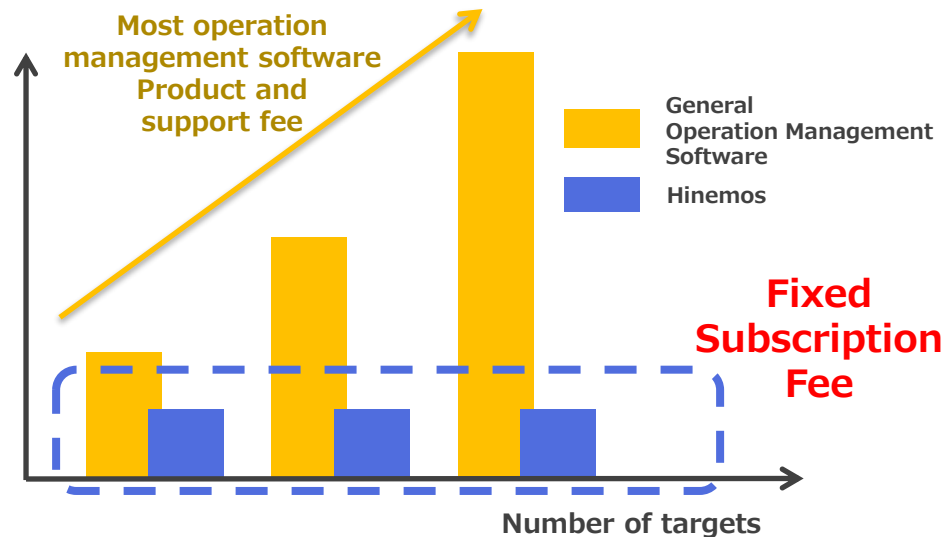
VM • Cloud

- ☒ VMware
- ☐ Hyper-V
- ☒ AWS
- ☐ Azure

Subscription Fee

Subscription fee is not effected by the number of managed targets or the number of cpu cores

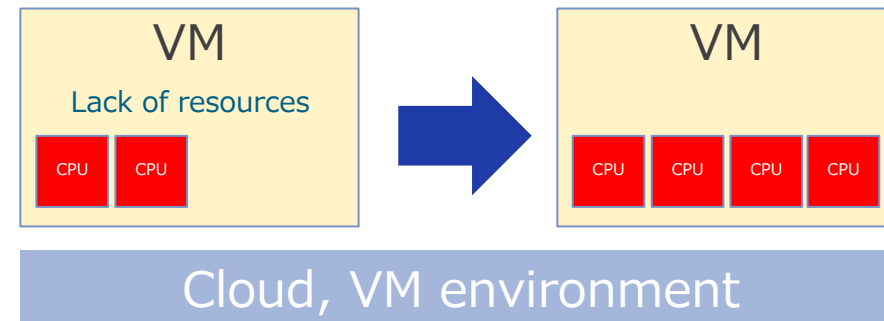
No effect to subscription fee
by system expansions



Freely scale up or scale out without considering effects to Hinemos Subscription Fee

No effects to subscription fee
by configuration changes

Fixed Subscription Fee



Freely change configuration without considering effects to Hinemos Subscription Fee

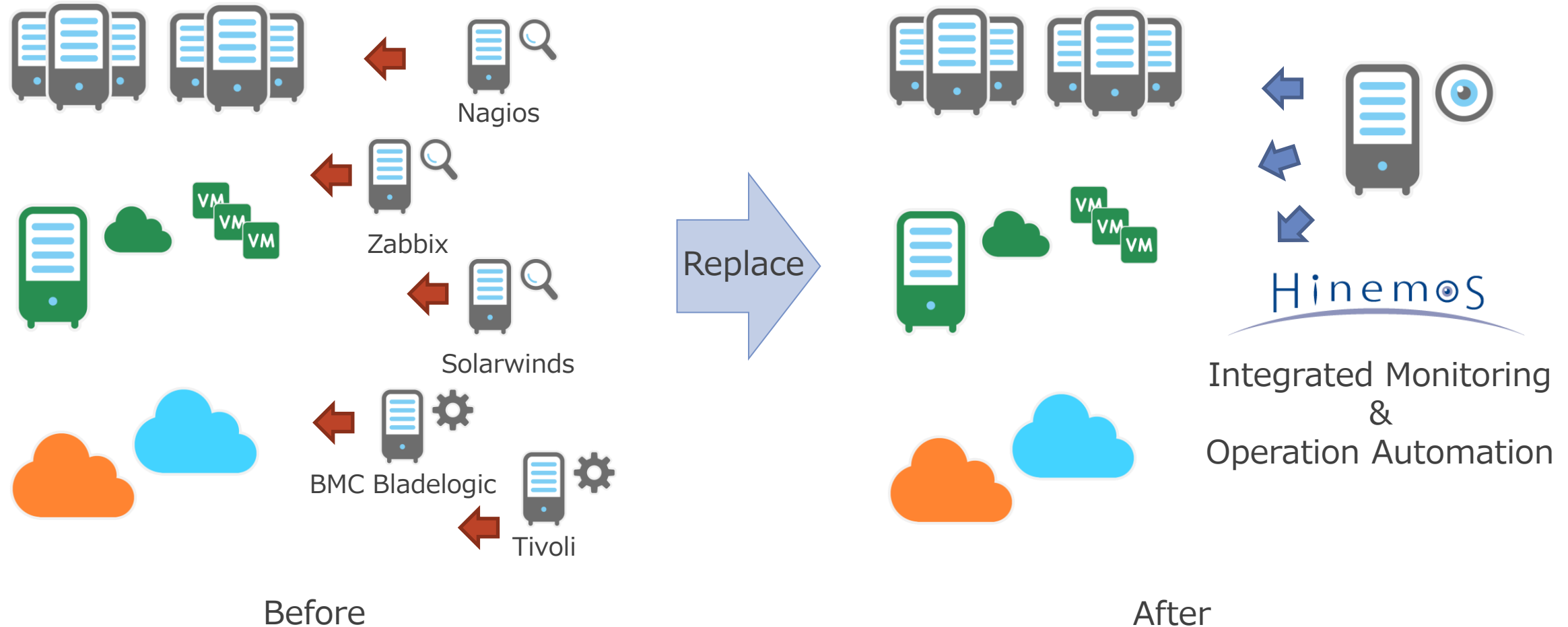
► **Effective fee structure for large systems, Cloud & VM environments**

Use Cases

Integrating System Operation Tools

Integrate various system operation tools.

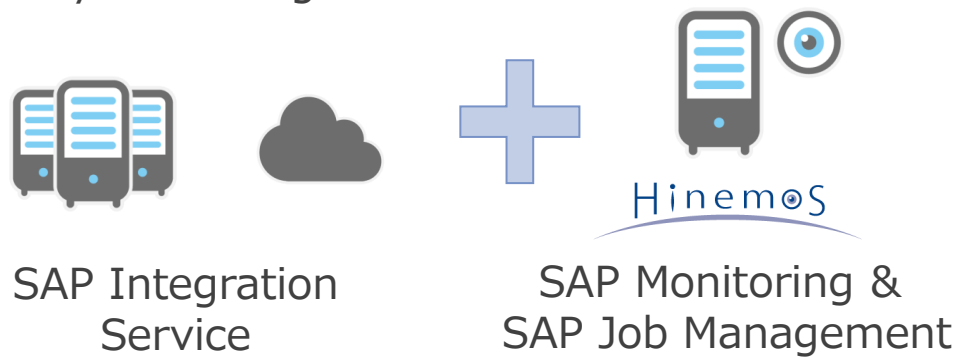
Automate various operation actions, to reduce operational costs.



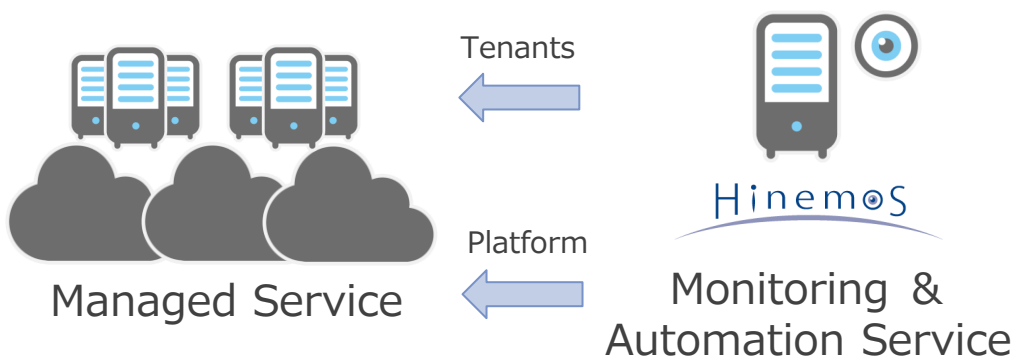
Use in various services

Add monitoring and automation solution to integration & managed services.

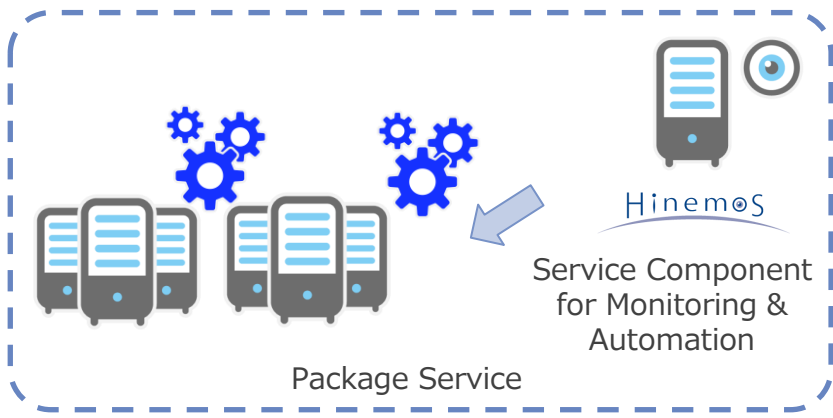
ex. SAP system integration service



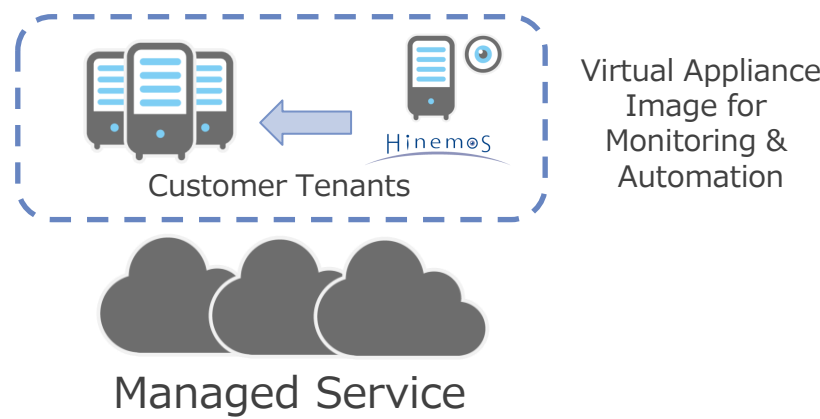
ex. Managed service



ex. Financial package service



ex. Appliance service for tenants



Inquiries

Please feel free to contact us ☺

hinemos-sales@intellilink.co.jp

Thank you !



