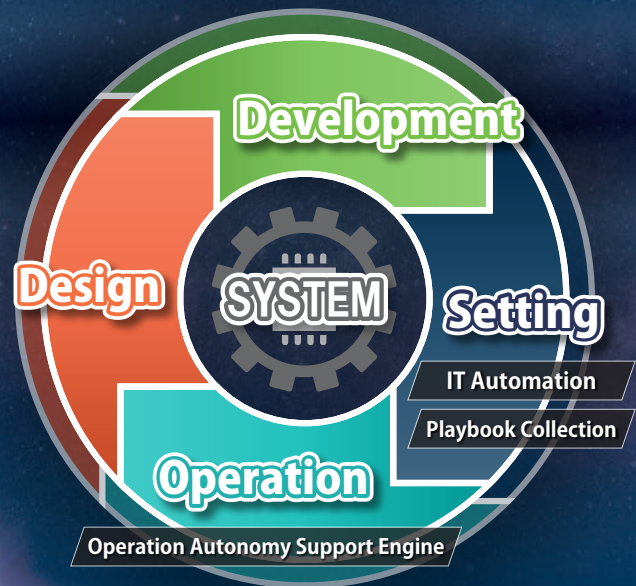


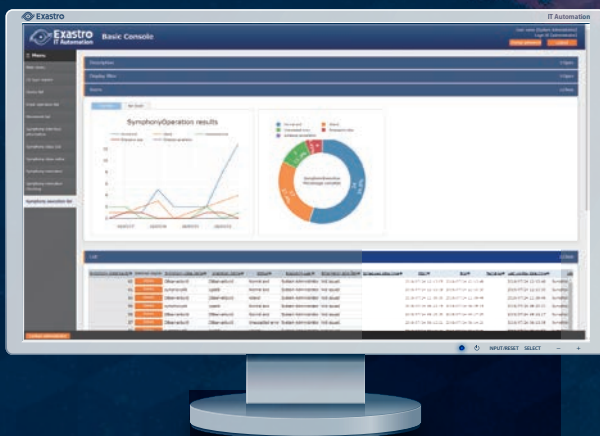


Automated tasks simplify operation.

Exastro is an open source software suite for digitizing, automating and labor saving the system life cycle.  
(design, development, setting and operation)



## Exastro Suite



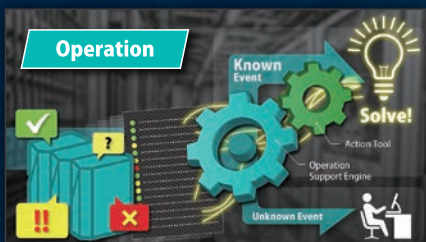
### IT Automation

Setting

Exastro IT Automation is an Open Source Framework for digitizing and centrally managing the system configuration.

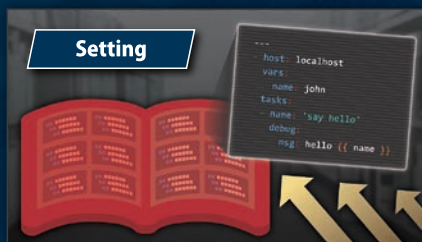


### OASE Operation Autonomy Support Engine



Exastro OASE decides that message received from Monitoring Software is Known or Unknown event. When a message is a known event, Exastro OASE connects with operation automation software and handle the process automatically.

### Playbook Collection



Exastro Playbook Collection is a collection of playbooks for OS and Middleware used in System Integration. It include playbooks that collects parameters from the actual server, and can be used to check settings after construction.

### and more...



further possibilities for Exastro.

Details look on the back or official website

Search

Exastro

<https://exastro-suite.github.io/docs/>



# Exastro IT Automation

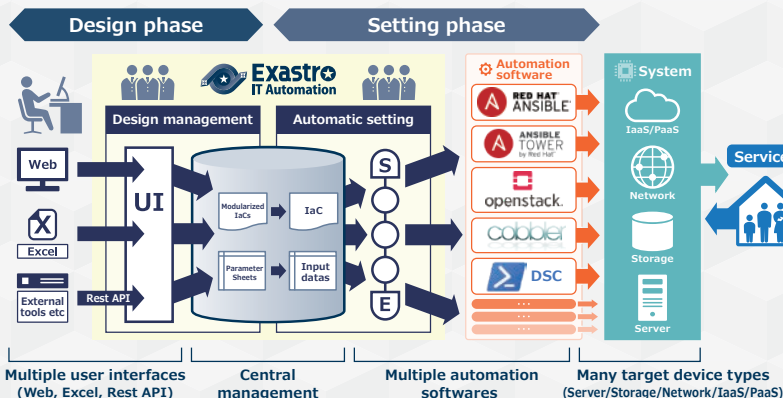
## Setting

Exastro IT Automation offers solutions to the following problems in the system life cycle:

✓ Data management errors

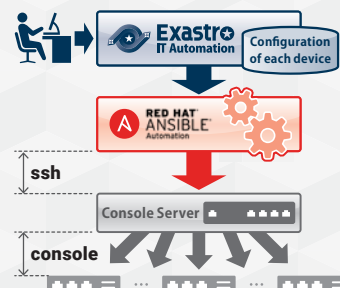
✓ Manual processing mistakes

✓ Delays in responding to problems



## "7 Features" of Exastro IT Automation

- 1 Multiple user interfaces & Role Base Access Control
- 2 Function to manage parameters' change history
- 3 Function to prevent typos of variable names
- 4 Function to improve the reusability of the IaC
- 5 Function to control multiple automation tools (incl. Ansible)
- 6 The last way to continue automation: pioneer mode
- 7 Real-time monitoring of execution status



Exastro IT Automation has made it possible to efficiently configure tens of thousands of network devices via the console server for which even management-IP address is not set to use in a big event such as national events.

Exastro IT Automation has automated all the operations of a large-scale carrier system i.e. from "system construction phase" to "operation phase" and made it "One-Stop Operation".

In large-scale systems, things get updated every day and device failure occurs frequently.

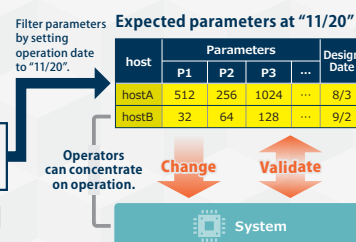
Even in such scenario, Exastro IT Automation provides an environment where designers and operators can concentrate on their work by managing the design history of system configuration centrally.

In other words, with the use of Exastro IT Automation, high level of efficiency and quality balance can be achieved easily.

## Parameter sheet with history management function provided by Exastro IT Automation

host	date	Operation	Name	P1	P2	P3	...	Design Date
hostA	12/20	Prepare for Christmas		1024	512	2048	...	10/1
hostA	11/20	Add hostB		512	256	1024	...	8/3
hostA	9/3	First release		256	128	512	...	7/7
hostB	12/20	Prepare for Christmas		16	32	64	...	10/1
hostB	11/20	Add hostB		32	64	128	...	9/2

Designers can concentrate on design.



# Exastro Playbook Collection

## Setting



"Exastro Playbook Collection" is a pool of playbooks for OS and Middleware used in System Integration.

The special feature is, in addition to the provisioning, Playbook also enable the use of gathering.

"Gathering Playbook" enables the gathering of parameters from the actual Servers and gathered parameters can be used as an input of provisioning playbooks.

## Use cases of Exastro Playbook Collection are following:

- It checks that actual server's parameters are correct after provisioning.
- It confirms no difference between specifications and parameters on the actual servers.
- It reports the differences of parameters between development servers and production servers.
- It adds a new server with the same parameters as existing servers.

# Exastro Operation Autonomy Support Engine

## Operation

Exastro Operation Autonomy Support Engine has the function of "rule management", "Judgement automation" and "handle automation". And those are achieved by one-stop.

Exastro OASE offers solutions to the following problems in the system operation:

✓ Judgement on the operation dependent on a Knowledgeable person

✓ Operation mistakes by complicated manual work

✓ Expansion of service influence by error recovery delay

