

IT infrastructure operational automation solutions  
optimized for complicated IT environments

# FALCON

# Automation Platform

We'll make IT infrastructure operational automation easier and simpler with the performance and reliability-proven open source automation engine (Ansible)-based FALCON Automation Platform



Development based on the Ansible core (open source engine)



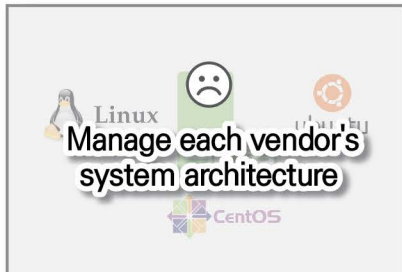
Automate operations more conveniently and simply



Increase IT operational efficiency and reliability

## Operational automation is a must in a fast-growing IT environment...

Environments where equipment from multiple vendors must be managed separately for boring repetitive operations



Linux  
Manage each vendor's system architecture  
CentOS



Manage individually by network and security area



Script-based manual maintenance

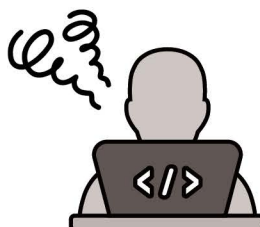
various type of equipments and complicated...

have to manage individually...

takes too long...

Server Management

Security Maintenance



## Automation tools are not 100% utilized in many environments.

Introduction phase of Infrastructure as Code (IaC), led by ANSIBLE, which is the most popular in the IT field



Even if you buy an automation tool, you have to study how to use it again

YAML?

Playbook?

DSL?



Why isn't it working?

```

---
- name: install and run Apache Web Server
  hosts: webservers
  remote_user: root
  become: true
  vars:
    http_port: 80
    max_clients: 200
  tasks:
    - name: disable selinux
      command: /sbin/setenforce 0
    - name: ensure apache is at the latest version
      yum: name=httpd state=latest
      become: true
      become_user: root
    - name: write the apache config file
      template: src=/src/httpd.j2 dest=/etc/httpd.conf
      notify:
        - restart apache
  handlers:
    - name: restart apache
      service: name=httpd state=restarted
    
```

Performing automation by predefined writing in programming language



# RTNET's Falcon Automation Platform is the best choice for improving IT operational efficiency.



It is an Ansible Engine-based IT infrastructure automation platform that makes it easier to operate and manage your IT environment, including system resources, performance optimization, system architecture management and maintenance.



## FALCON AUTOMATION PLATFORM

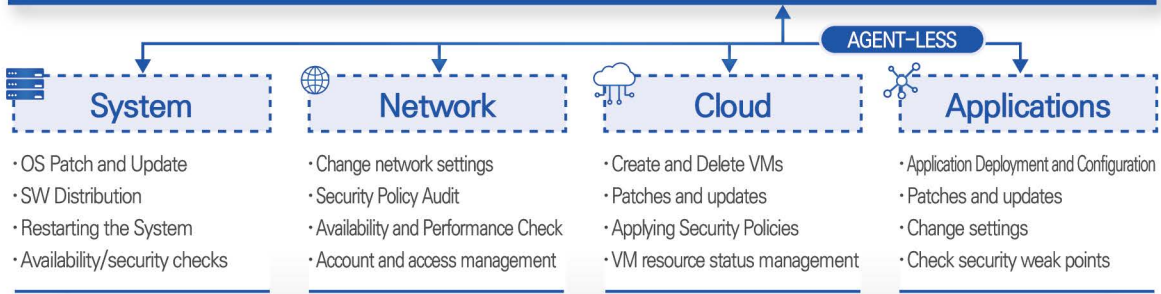
Job Definition ..... Job execution ..... Results Analysis



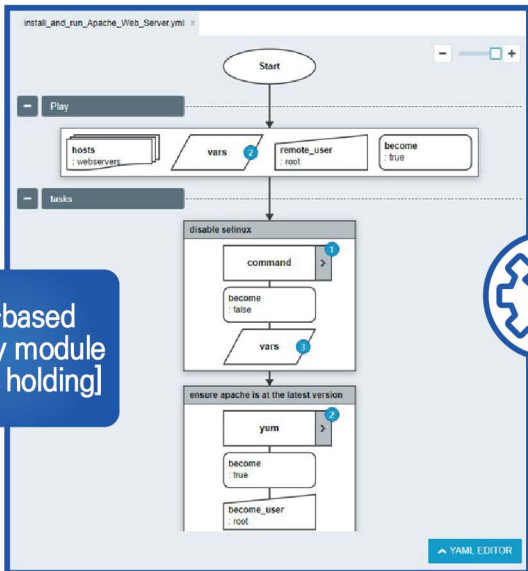
### IT Operations Management Automation System



100% Korean/English Version



## No additional programming required for operational management



```

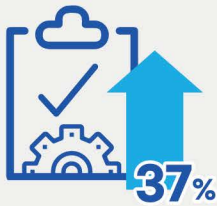
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Define tasks using GUI, not programming language

Automatic conversion to YAML language

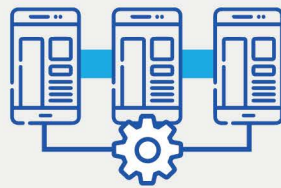
\* Related Patents: GUI System for Ansible No. 10-2213815

# Expected effects from the customer's perspective



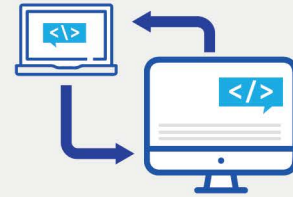
## Improve operational management efficiency

Less repetitive tasks allow more time to be spent on other tasks, increasing efficiency



## Ensuring operational continuity

Immediate response to sudden changes in operational personnel



## DevOps, CI/CD Implementation

Create a window for developers and operators to talk about the same tasks with the same automated script

\* Sources: IDC GROUP Analysis Report 2019 by Redhat

## Voice of Customer



### “ Distribution Group 'A' Data Center Network Operations Team ”

“ Automation platform allowed the same policy to be applied in a short period of time without omission when applying **network security policies** for each group company, preventing set-up errors and non-application of policies due to workers' mistakes. ”



### “ Distribution Group 'S' Data Center Network Operations Team ”

“ Inefficiency has been improved by applying the Falcon platform to prepare the **Security inspection report** that was written manually with scripts, and the time required to prepare the inspection report has been reduced from 3 days to 1 hour based on 1,000 nodes. ”  
(16,000 nodes in operation)



### “ Electronic S Group Network Management Department ”

“ The transition of **Falcon automation services** from our own open source based automation system allowed us to continue providing high-quality automation and testing support, maximizing efficiency in terms of operational management. ”