CMDBuild
in the Japanese market

CMDBuild
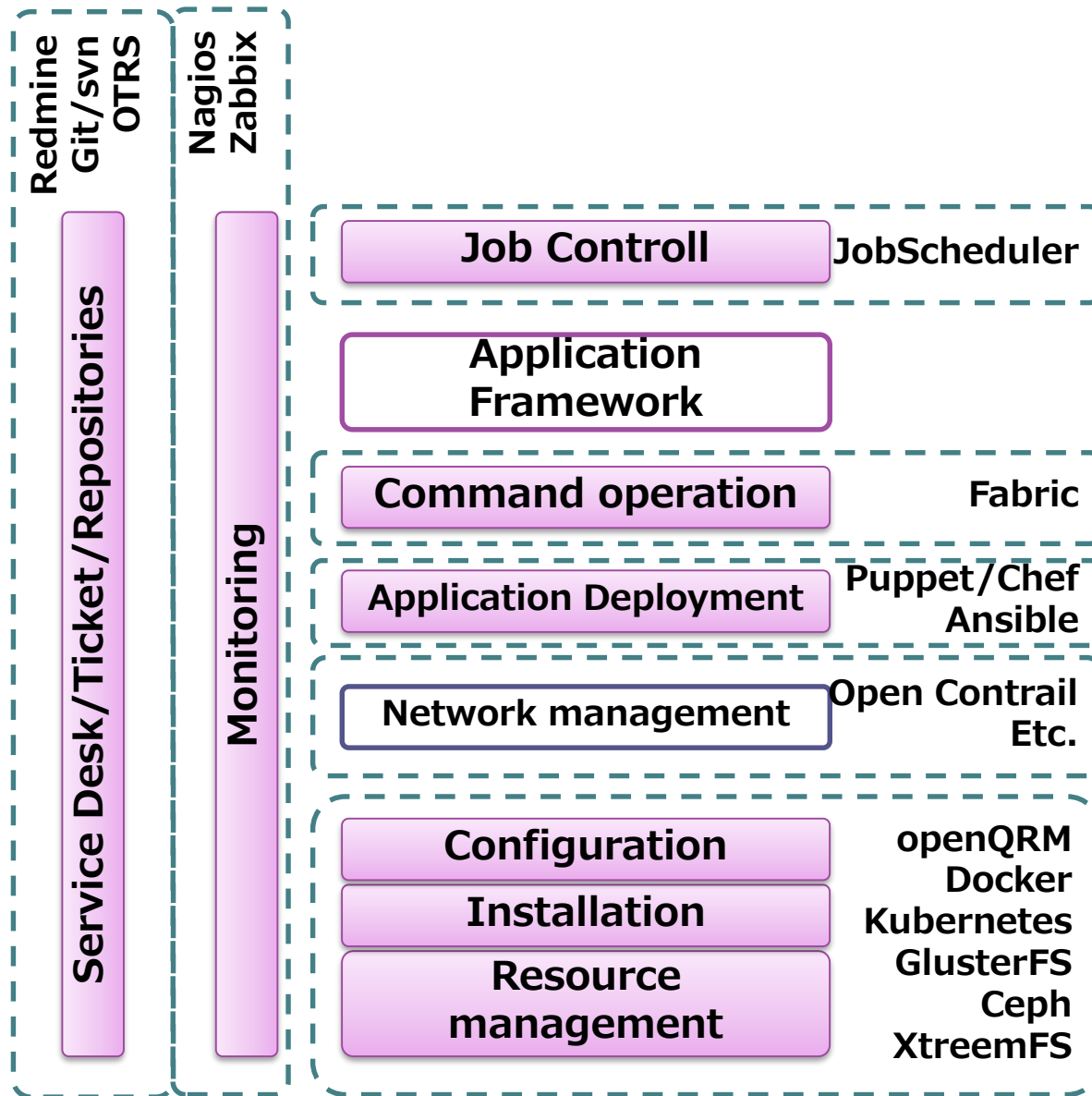READY2USE

2018/11/20

OSS Laboratories, Inc.
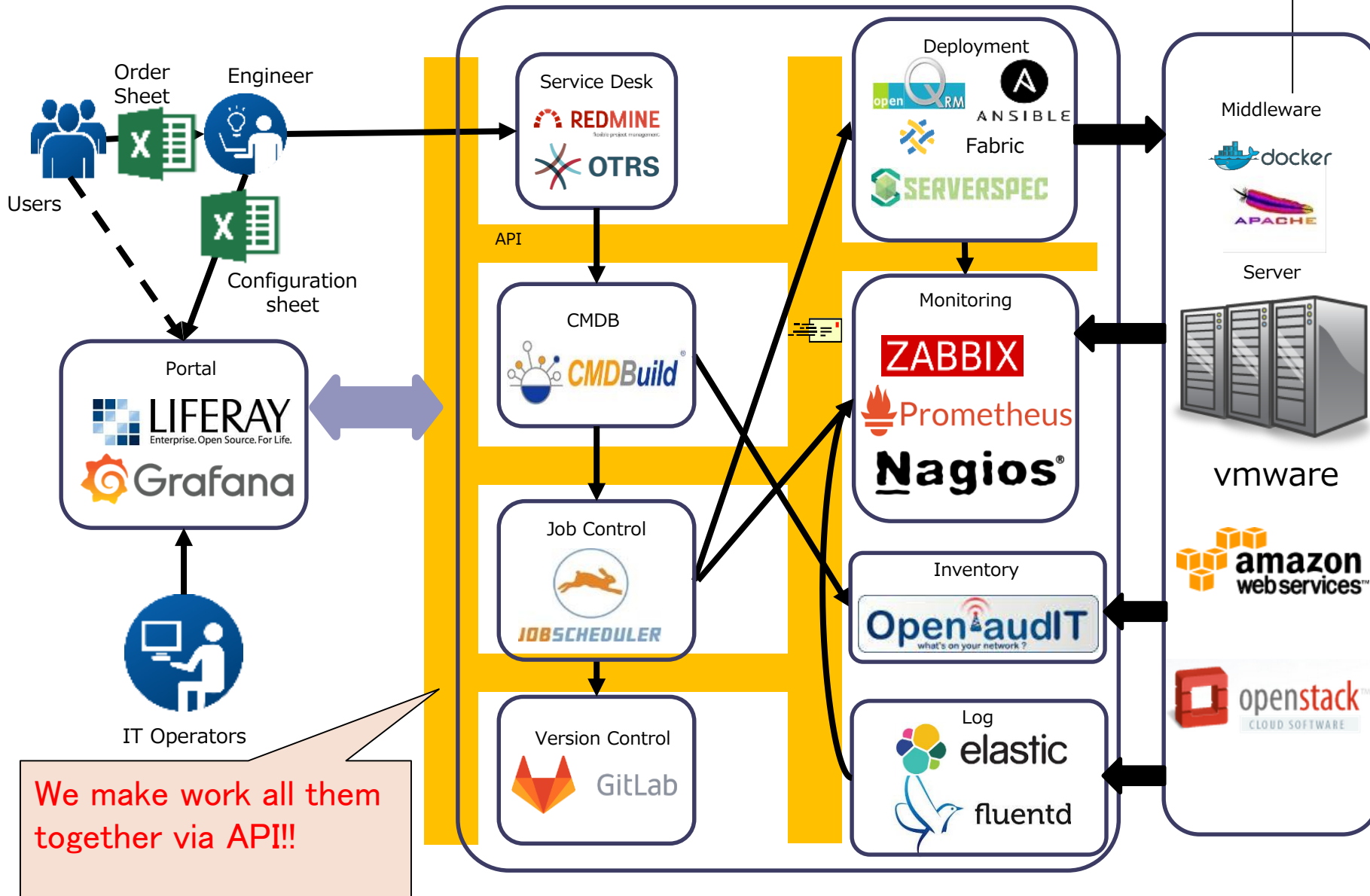
Background

- About Us
  - OSS Laboratories Inc.
  - Specialized to Enterprise Infrastructures with Open Source Software.
  - Focused to datacenter/carrier/service providers who operates 1,000 to >100,000 servers.

- Our strength
  - Deep experience and knowledge about large scale infrastructure management.
  - Cutting edge technologies about large scale system management.
  - SRE (System Reliability Engineering) and ITIL enabled support.
  - Develop open system management and operation automation framework "OpenPIE".

Various System management OSS tools

Open Programmable Infrastructure Environment

OSS Laboratories

Users

Order Sheet

Engineer

Configuration sheet

Portal
LIFERAY
Enterprise. Open Source. For Life.
Grafana

IT Operators

API

Service Desk
REDMINE
Nimble project management.
OTRS

CMDB
CMDBuild

Job Control
JOBSCHEDULER

Version Control
GitLab

Deployment
openQRM
ANSIBLE
Fabric
SERVERSPEC

Monitoring
ZABBIX
Prometheus
Nagios

Inventory
Open-audIT
what's on your network?

Log
elastic
fluentd

Middleware
docker
APACHE

Server

vmware

amazon webservices

openstack
CLOUD SOFTWARE

We make work all them together via API!!

OpenPIE Overview

- All components must be communicate via API

- All components must be loose coupling (independent and able to scale out)

- As a result, all components should be pluggable

- But, CMDB is the core of all components, that means all components need a single repository of configuration items

- We chose CMDBuild as a core repository why;
  - Open Source
  - Multi lingual
  - Pre-configured with workflow, document repository, etc.
  - All functions can be "Programmable"

Customers: Datacenter

- Datacenter
  - Provides private hosting with < 10,000 configuration items
  - Their goal is to automate inventory and configuration management
  - Also need to integrate with monitoring systm
  - Using "Open-Audit" for inventory management and connect to CMDBuild

Customers: Telco Carrier

- ## KDDI
  - Manage internal infrastructure for their hosting service over < 10,000 configuration items
  - They need to consolidate their fragmented information of their assets
  - They need up-to-date information about asset status and related contracts such as maintenance, license
  - Using "Open-Audit" for inventory management and connect to CMDBuild Ready2Use

Customers: Telco Carrier B

- Manage R&D/Test/QA infrastructure for their service over < 10,000 configuration items

- They need to consolidate their fragmented information of their assets

- They need up-to-date information about asset status and related contracts such as maintenance, license

- Integrate with Open-AudIT inventory collectors and their internal business systems

- Build their own front-end WEB-UI using CMDBuild API

Customers: Telco Carrier C

- Manage internal business operation infrastructure for their service over < 40,000 VMs spread over multi sites

- Their infrastructure is build on VMware and Openstack

- They need to consolidate their fragmented information of their assets

- They need up-to-date information about asset status and related contracts such as maintenance, license

- Tecnoteca/OSSL is developing vCenter/VSAN/NSX/Openstack connectors

- Build their own front-end WEB-UI using CMDBuild API