OCTUPUS

BECOME DIGITAL TOGETHER

Quiénes Somos

Inversores

Patagonia VENTURES

FIERA

Footprint Latam

- Primer Fase
- Segunda Fase
  - Chile
  - Colombia
- Tercera Fase
  - Brasil

Nuestras Virtudes

I+D

- Automation
- Data Analytics & IoT

Certificaciones

Logos

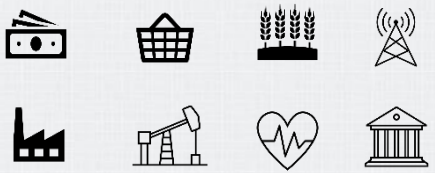
Think Thanks

Itaú

UNIVERSITY OF OXFORD

addoc ADEA

Industrias



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Automation Studio Portfolio

Agenda

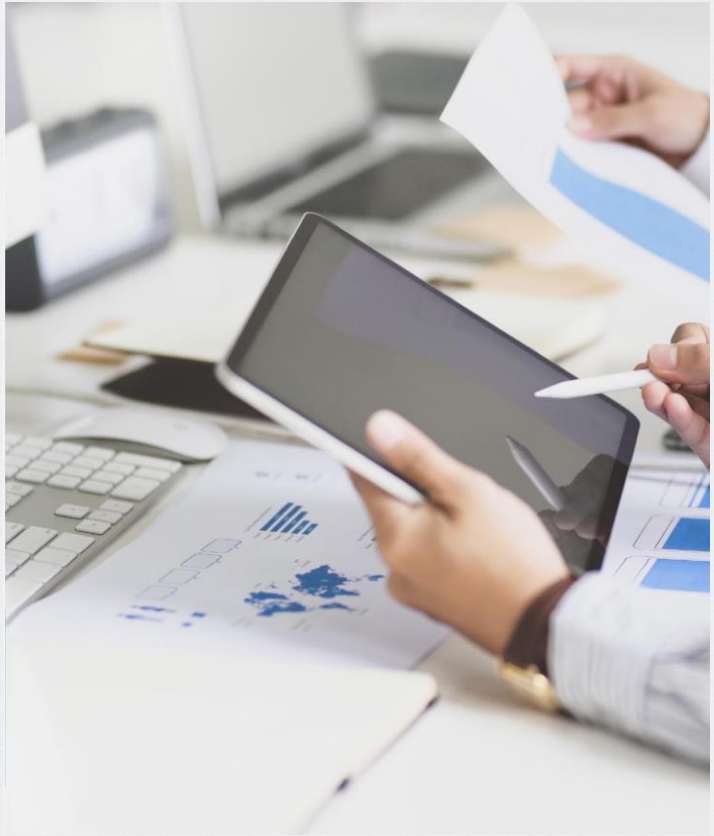
Our products

Oction+
Automation Framework

Fedele
Source of Truth for automation

iCollect
Any-to-any Incident management

Igory
Intelligent Remediation system



Benefits

OcTion+

Powerfull Platform

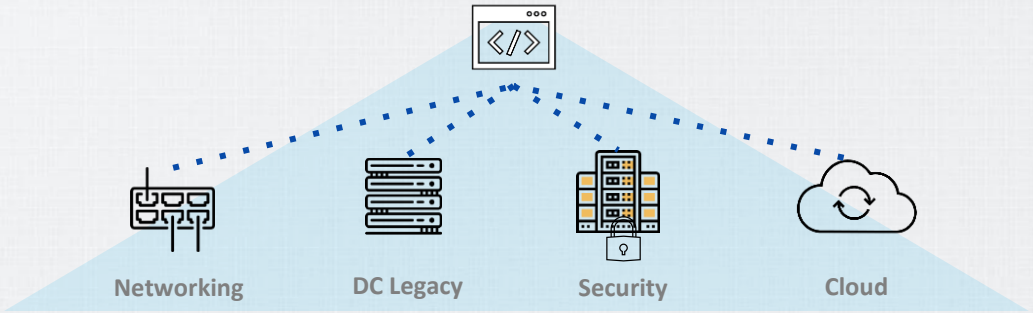
One console release all full potentiality of automation.
Simplest, intuitive, agnostic & reliable software solution

34%
Operational Efficiency

66%
Acelerate TTM

78%
Error Reductions

Jobs KPIs | Execution Report | Alerts | Inventory | Source of Truth

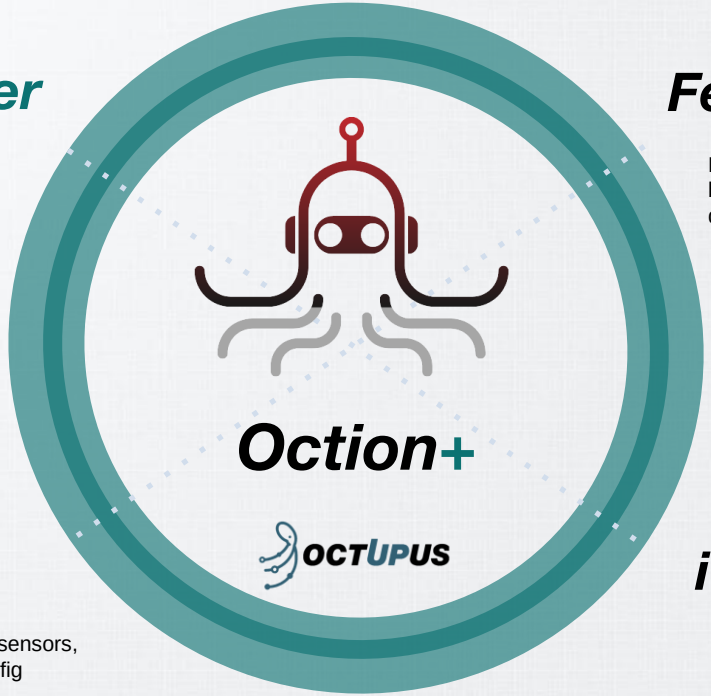


OctUPus automation environment – Option+

Untangler

Octupus Untangler for automation data engineer, science and analytics

Any Vendor or Platform



Fedele

QA team

Maintained by QA team, Fedele becomes the only source of data that feeds Option+

Any source of data

iGory

iGory receives events from sensors, apply rules and triggers config changes actions in Option+

iCollect

iCollect receives any type of alerts from any platform and open cases on any incident manager

Option+

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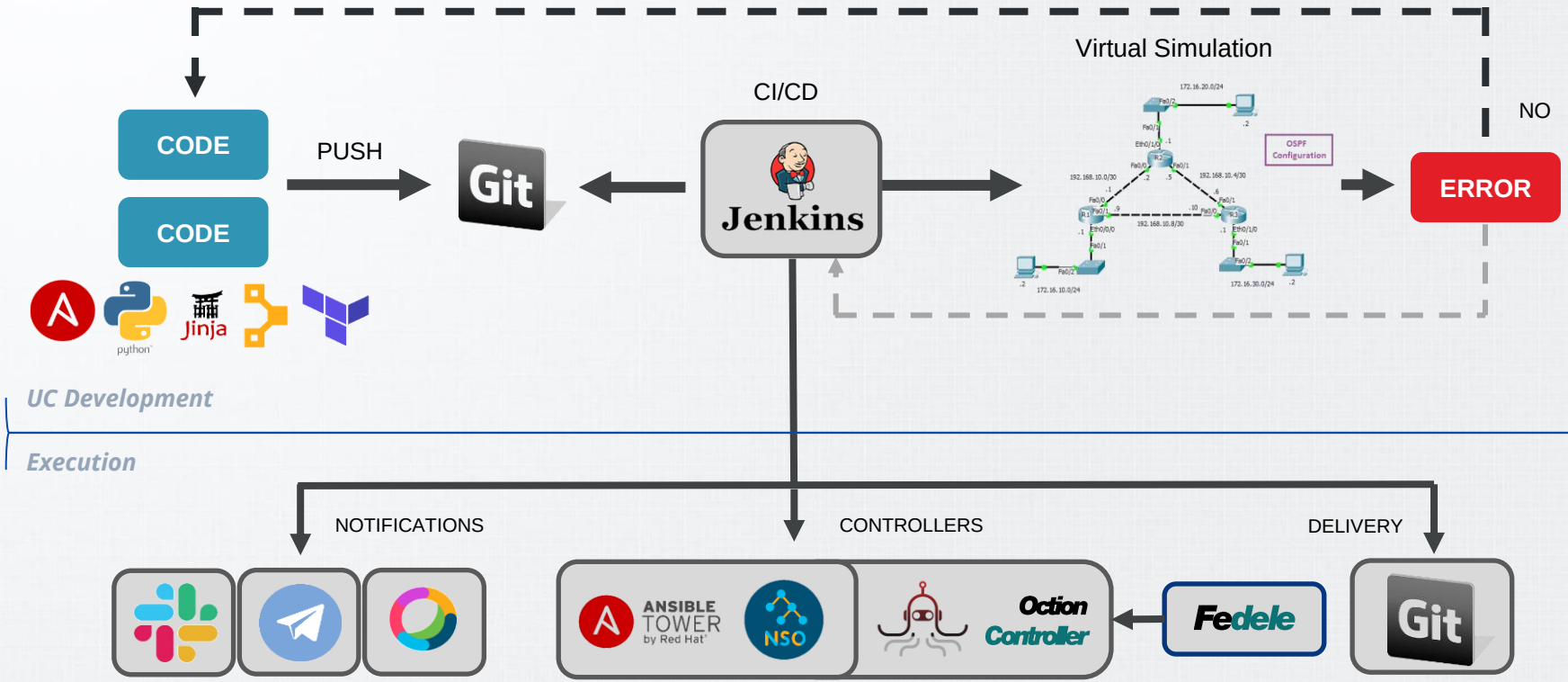
Octionn+ *Automation Arquitectura*



Fedele is a Source of Truth system that stores Source of Records. Created and validated by Quality assurance team, Fedele's Source of Records contains all the information (network, infrastructure, billing, etc.) to securely and uniquely feeds any Automation Tool or Business application.

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Fedele

Fedele

Source of Truth for Automation

Key Benefits

- Single point of Infra information
- Inventory of logical & fisical resources
- Open Source database Architecture
- Full integration via API

QA team

Engineering team create, maintains and approves the SoT

Eco System

CRM
Credentials
Billing
NSO DB
Others

Other systems can be an input to the SoT if required

HTTP API
Socket
SSH

REST API

Controllers

Octions Controllers take data from Fedele and apply the changes to the infra

QA team can create SoT models by entering data manually, Importing from other data structures (i.e.: CSV) or gathering data from Eco System

iCollect is another open API application developed by OctUPus. i**Collect** receives or scans the incidents on any API-capable platform (SDN / SNMP), customizes an incident log, opens a case on any Incident Manager, and reports all stakeholders about the incident.

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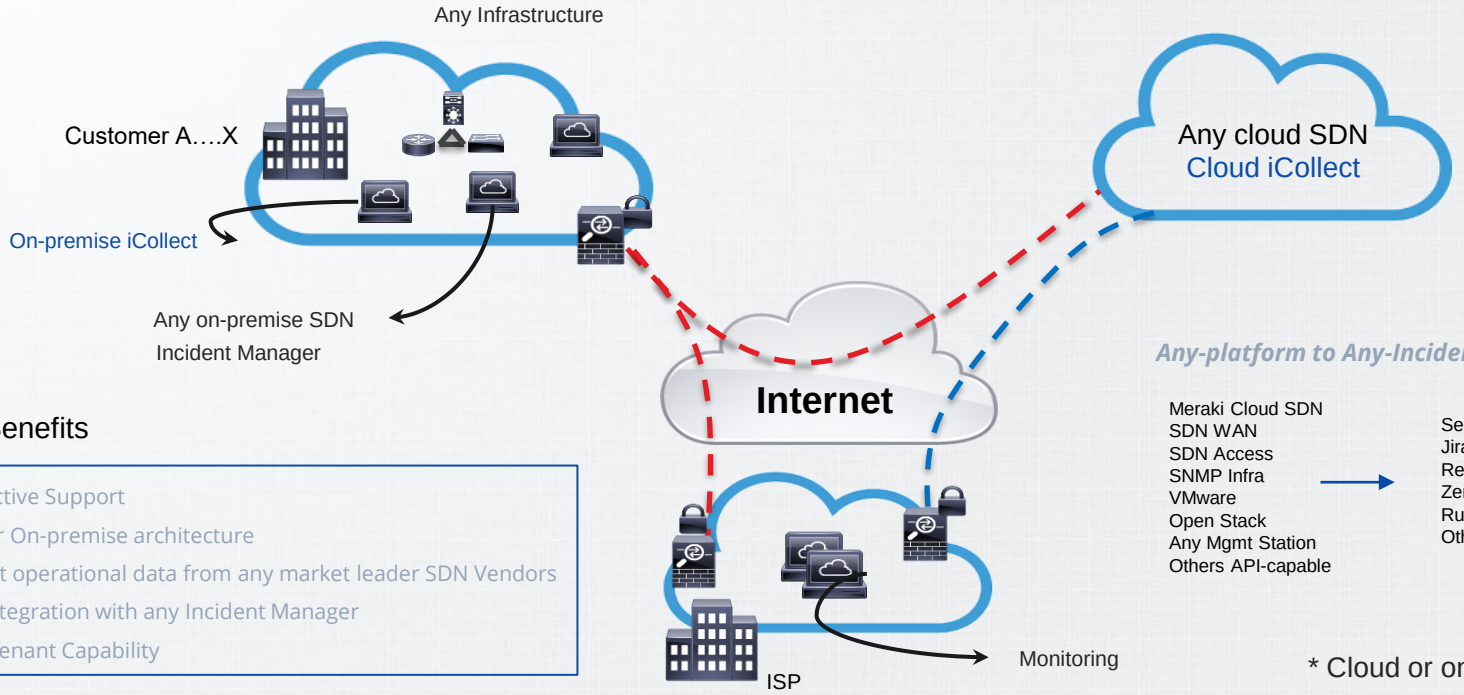
iCollect

iCollect

Any-platform to Any-Incident manager



Key Benefits

- Pro-active Support
- SAS or On-premise architecture
- Collect operational data from any market leader SDN Vendors
- Full integration with any Incident Manager
- Multitenant Capability

Any-platform to Any-Incident manager

Meraki Cloud SDN
SDN WAN
SDN Access
SNMP Infra
VMware
Open Stack
Any Mgmt Station
Others API-capable

→

Service Now
Jira
Remedy
Zendesk
Rundeck
Others

Jira Software
servicenow
bmc

* Cloud or on-premise version

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Based on events (Log or webhook), **Igory** is a remediation module that analyzes alerts, applies rules and triggers actions to automate tasks such as IaC or NaC. As part of **Oction+** or integrated to any automation platform, **Igory** will fix any problem that may occurs in the network or cloud infrastructure.

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Igory

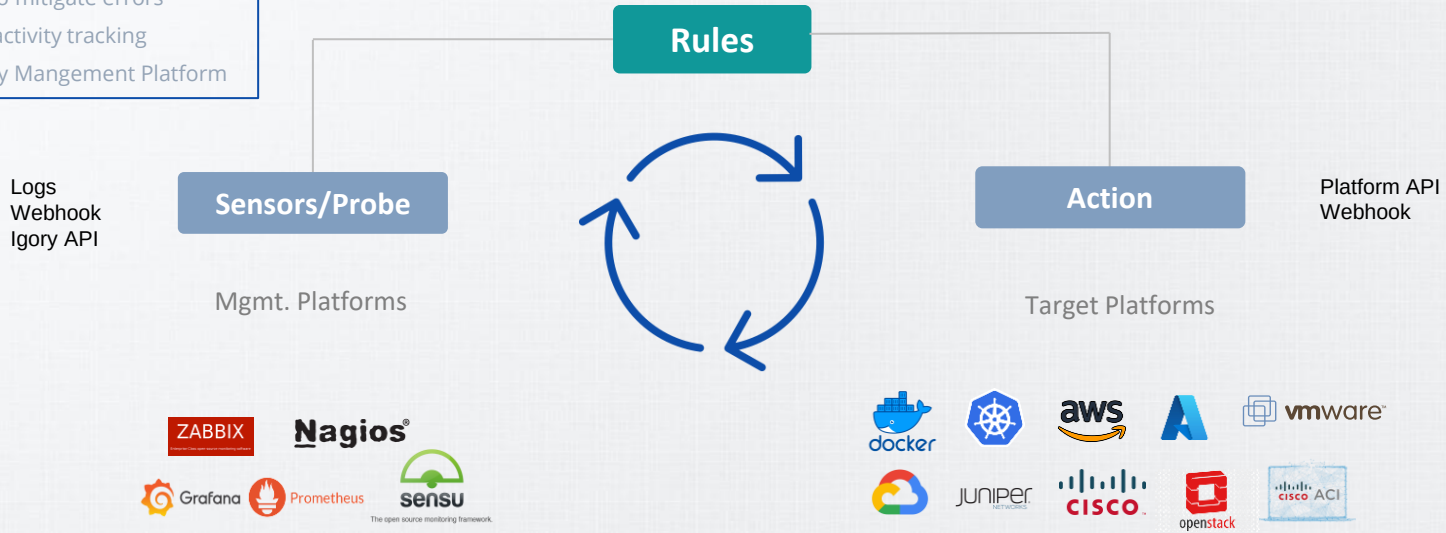
Igory

Events based remediation system

Key Benefits

- Automatic detect configuration changes
- Call to action in order to mitigate errors
- Complete operational activity tracking
- Full integration with any Mangement Platform

Sensors, Rules and Actions developed per Use Case. Integrated to Octionn+ workflow manager



Untangler for automation data engineer, science and analytics

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Untangler

Untangler for Automation

Fuentes de Información

Conectores

RPA

Encuestas

APIs

Sistemas de Ticketing

SFTP

Bases de datos de monitoreo de red (On-Prem / Cloud)

UNTANGLER

For Automation
Modern Data Warehouse

ETL + MLOps

Normalización + Algoritmo Supervisado de Clasificación Binaria

Integridad de Servicios
Reglas de Negocio
Reportes Operativos
ChatOps
Predicción de Anomalias
Encuestas
Monitoreo de Red e Incidentes
Predicción de NPS
Predicción de Churn

Power BI

Reportes Dinámicos
Actualizaciones Diarias
Cruce de Información
App Mobile
Alertas
Automatización
Mapa de calor de promotores y detractores

Automated Call to Action

DATA ENGINEERING | **DATA SCIENCE** | **DATA ANALYTICS**

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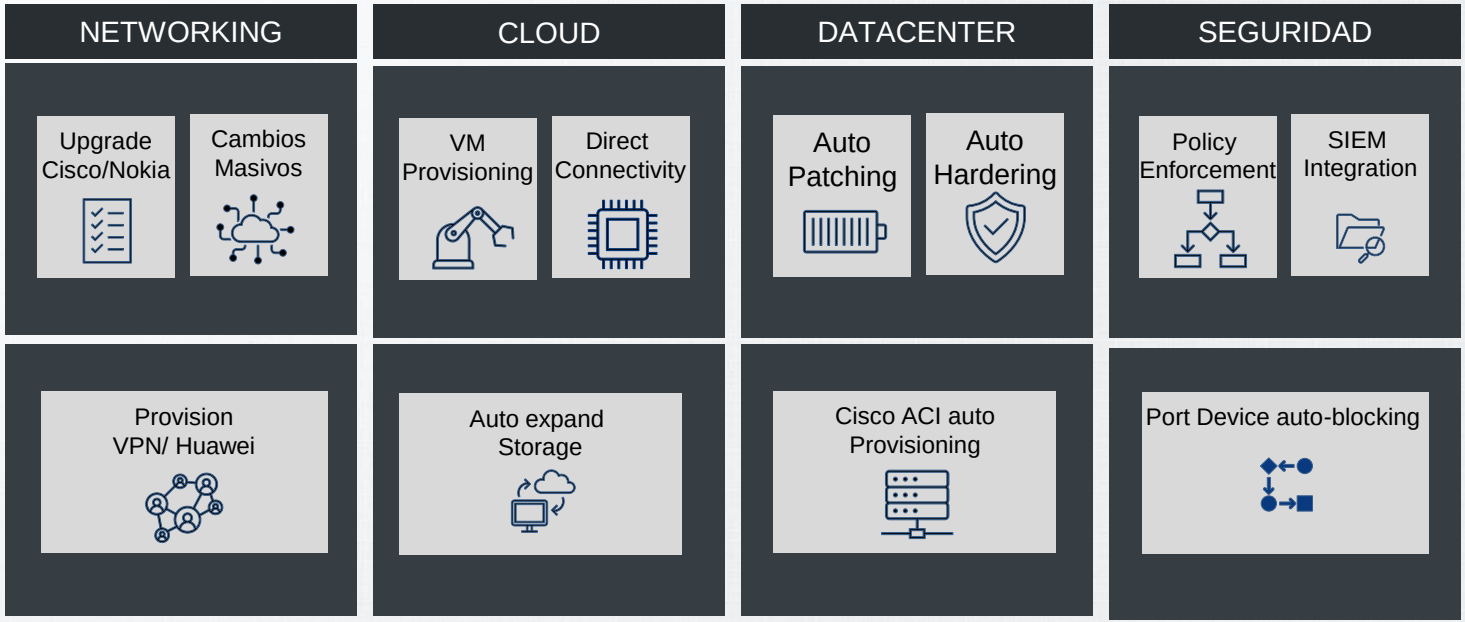
Uses Cases

Casos de Uso

Ejemplos a explorar...



Octon+ Use Cases

- Massive Cisco IOS update
- Massive Nokia SROS update
- SDN Cisco ACI automation
- BGP Route Reflector
- MPLS-L3-VPN, BGP RR & OSPF to CPEs
- MPLS-L3-VPN, BGP RR & BGP to CPEs
- MPLS-L3-VPN, BGP RR & BGP-OSPF to CPEs
- IPAM & DCIM population after network scanning
- Config Compliance
- VRF Assessment NSO Service
- Legacy Datacenter Provisioning
- Azure Resource Group Provisioning

Thanks!

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