OP5

Monitoring & Automation with OP5 & Stonebranch

A presentation in German - English

PRESENTATION
AGENDA

Katrin Ackermann-Rossander
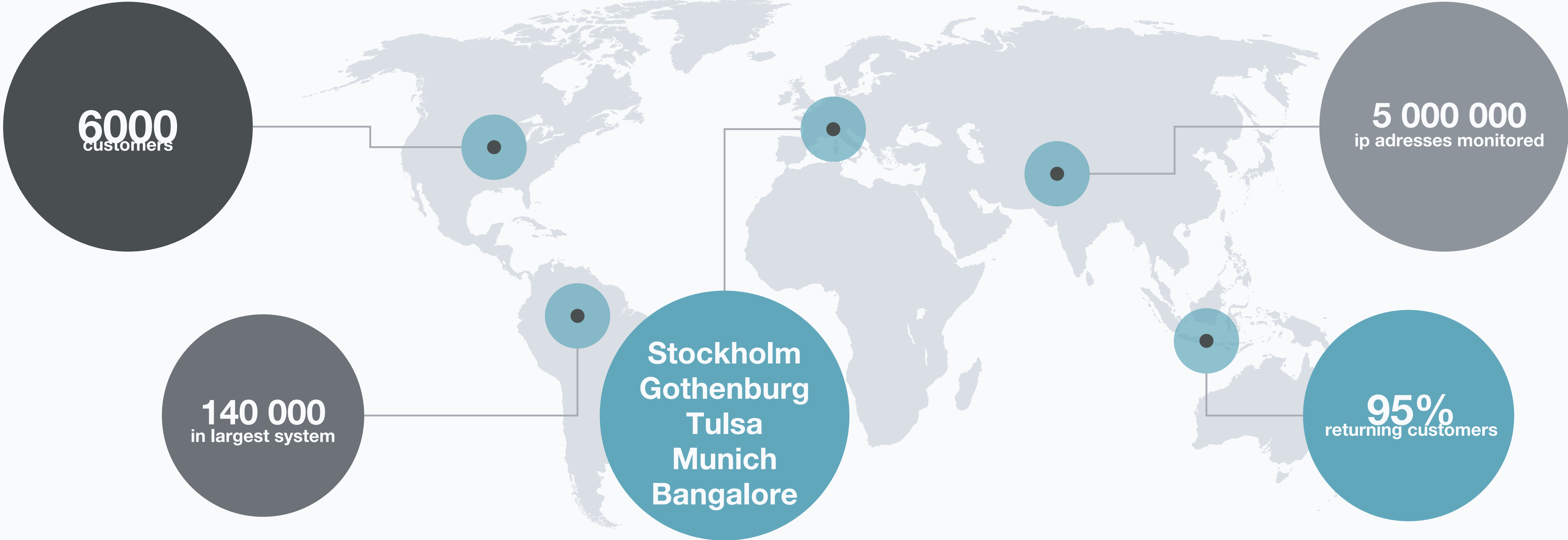Key Account Manager - OP5

Jan Josephson
VP Biz Dev & Co-founder

- **OP5 quick intro**

- **Our Solution & Intro OP5 Monitor**

- **OP5 and Stonebranch in partnership**

- **Automation with direct value**

- **Questions?**

OP5 **FAKTEN**

6000 customers

5 000 000 ip adresses monitored

140 000 in largest system

Stockholm Gothenburg Tulsa Munich Bangalore

95% returning customers

OP5 - Take control over your IT

Mit einem einzigen Management-Tool alles im Blick.
Wir streben danach, die Experten bei der Überwachung von großen Infrastrukturen, Rechenzentren und hybriden Systemen zu sein.

Der Marktführer für IT-Monitoring in der gesamten nordischen Region und in über 50 Ländern weltweit.

Wir glauben daran, die Dinge schlicht und einfach zu halten. Wir sind der Meinung, dass offene Kommunikation mit dem Kundenteams extreme Flexibilität und Skalierbarkeit gewährleisten.
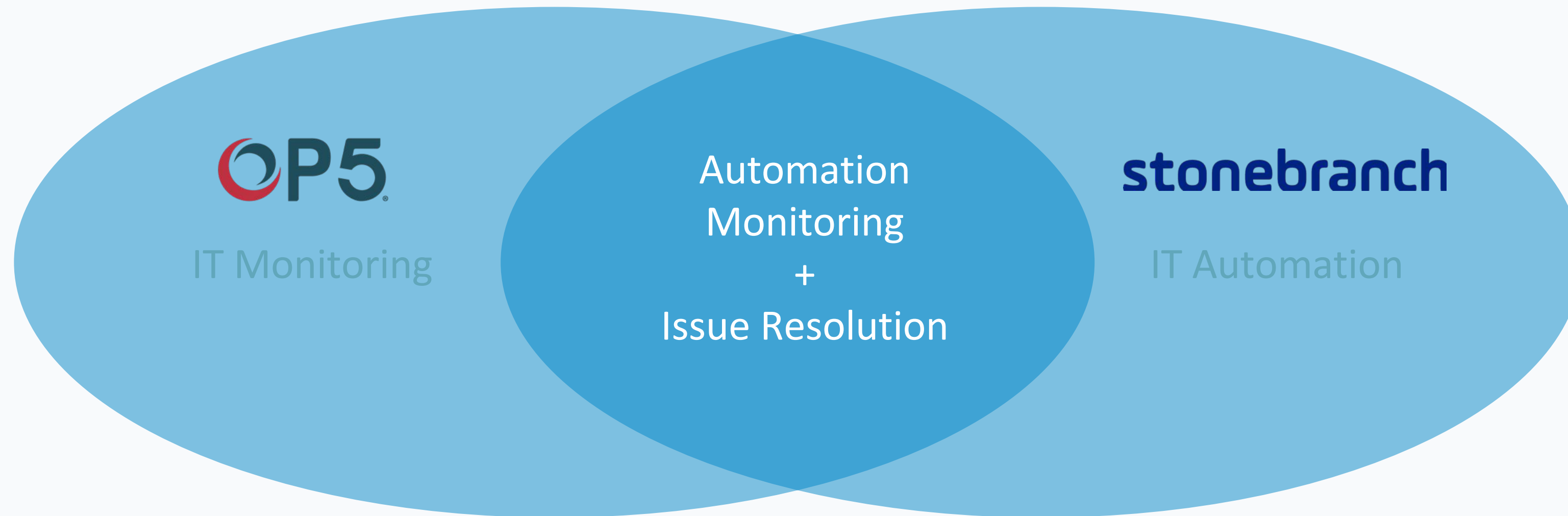
TAKE CONTROL
OF YOUR IT ™

WIR HABEN UNS ALS ZIEL GESETZT, DIE EXPERTEN BEIM ÜBERWACHEN VON RECHENZENTREN ZU SEIN.

OP5 & stonebranch in new partnership

1+1 = 3 for customer value
1+1 = 5 for customer value

OP5

IT Monitoring

Automation
Monitoring
+
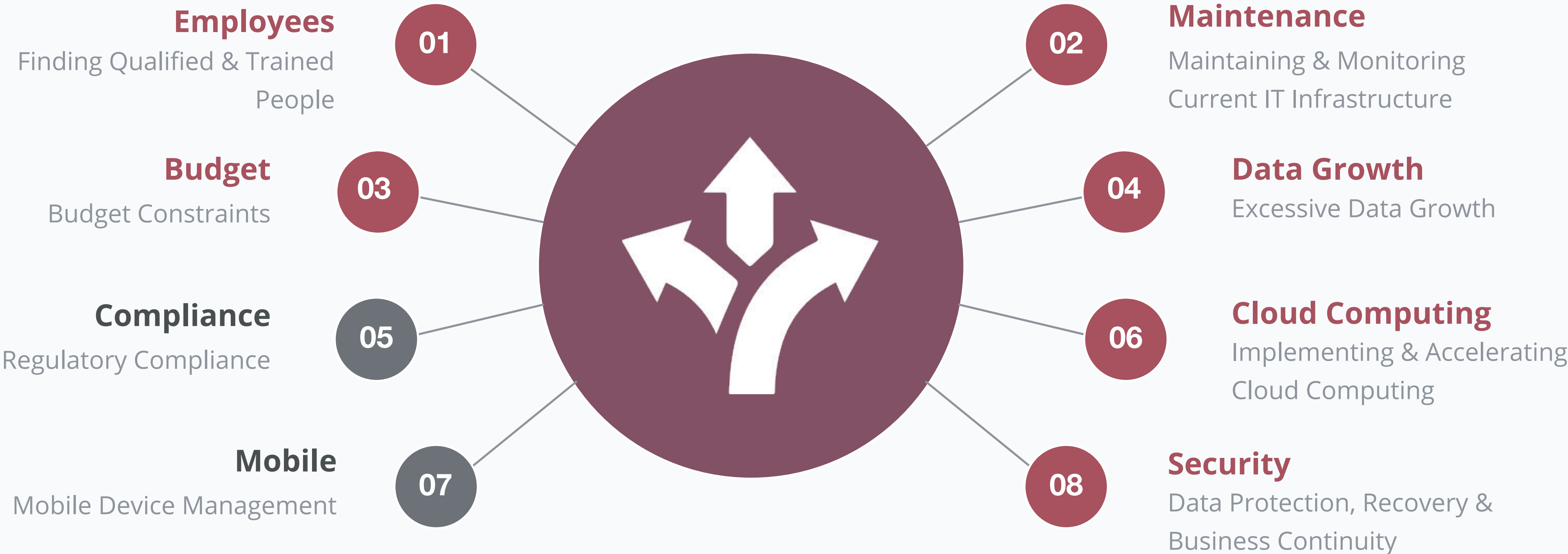Issue Resolution

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IT Automation

IT CHALLENGES

IT is a business critical function. IT Operations increase in complexity.

BUSINESS CHALLENGES

Gartner's list of top challenges for IT departments

Employees
Finding Qualified & Trained People

01

02

Maintenance
Maintaining & Monitoring Current IT Infrastructure

Budget
Budget Constraints

03

04

Data Growth
Excessive Data Growth

Compliance
Regulatory Compliance

05

06

Cloud Computing
Implementing & Accelerating Cloud Computing

Mobile
Mobile Device Management

07

08

Security
Data Protection, Recovery & Business Continuity

OP5 addresses a majority of the challenges like Budget, Maintenance, Data Growth, Cloud Computing and Security, in different ways.

Technology challenge!
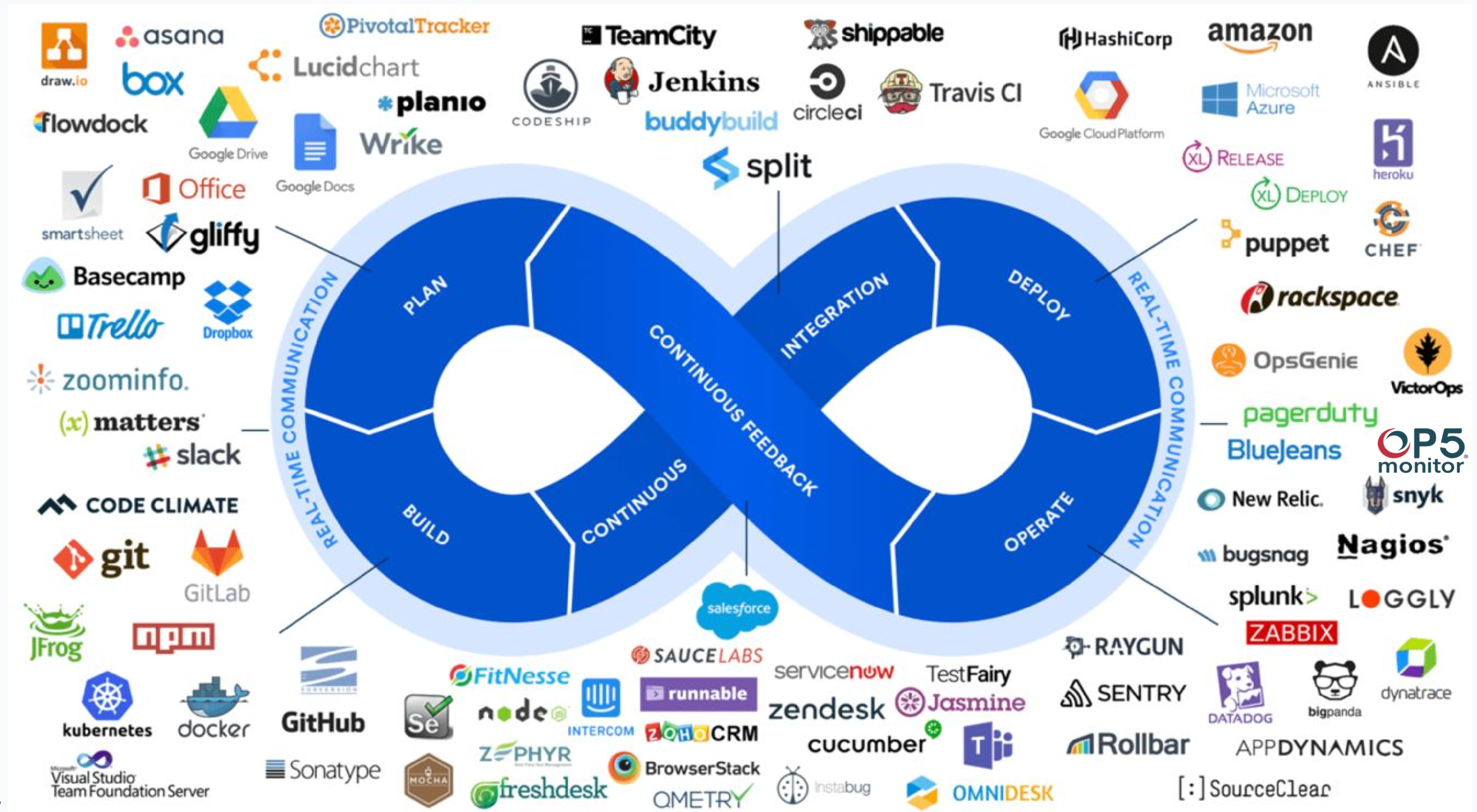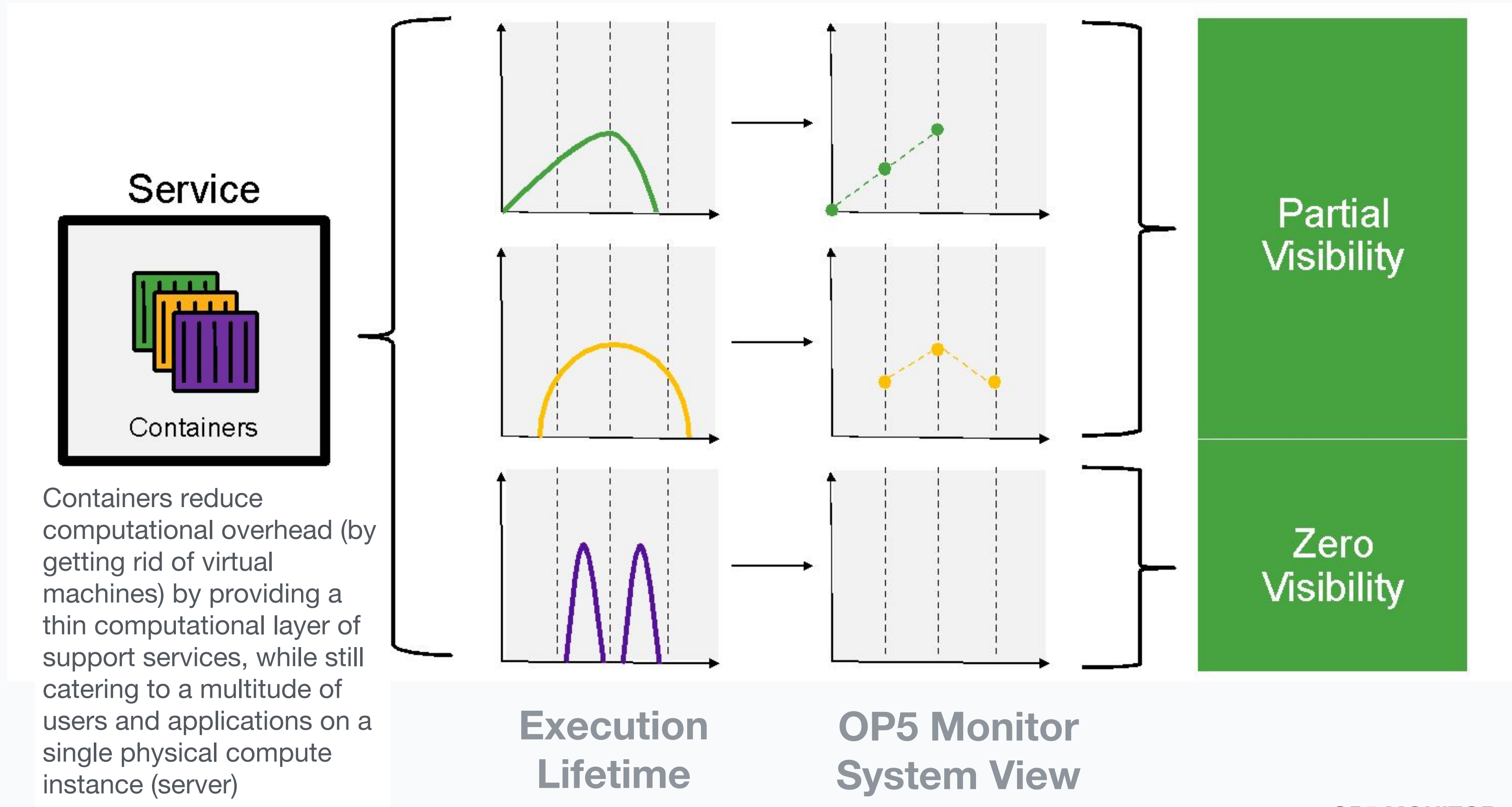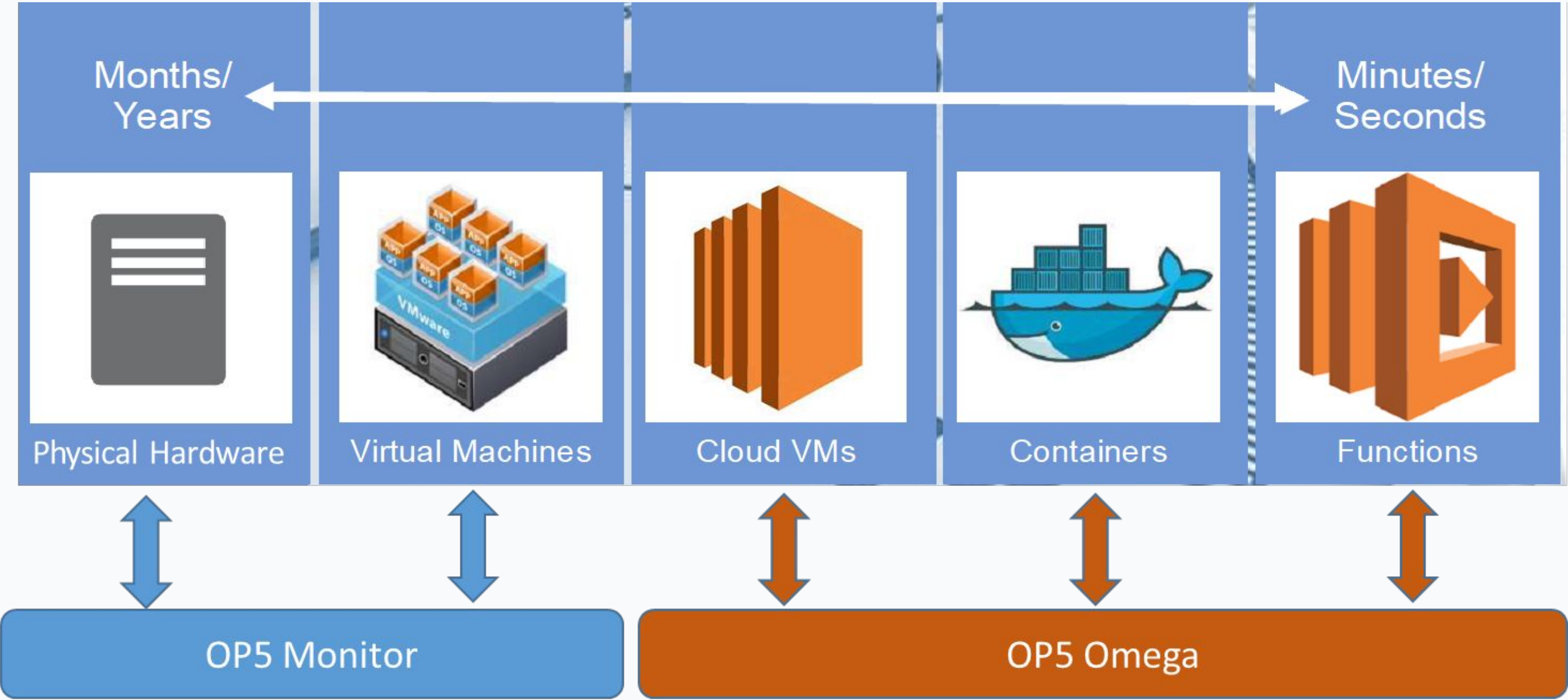
Business & Technology challenge – Speed of business and change
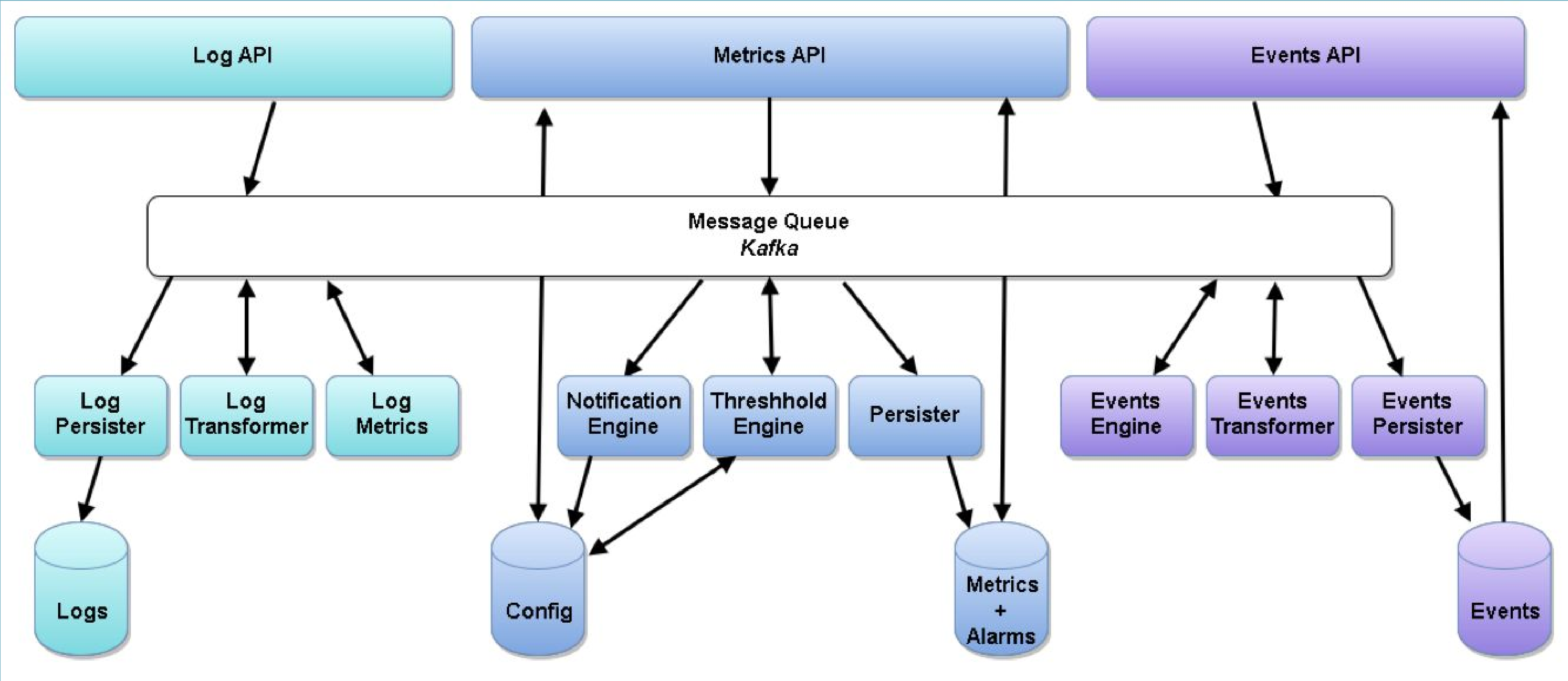

Service

Containers

Containers reduce computational overhead (by getting rid of virtual machines) by providing a thin computational layer of support services, while still catering to a multitude of users and applications on a single physical compute instance (server)

Execution Lifetime

OP5 Monitor System View

Partial Visibility

Zero Visibility

OP5 Monitoring vision

TAKE CONTROL
OF YOUR IT ™

THE OP5 TECHNICAL VISION

From a event to metrics & back

Static Infrastructure

Hybrid IT

Dynamic Infrastructure

Southbound

Event based

Northbound

Metric based
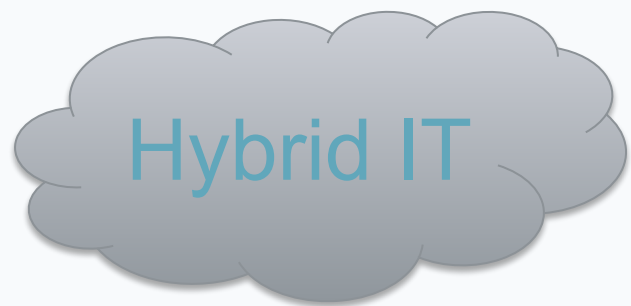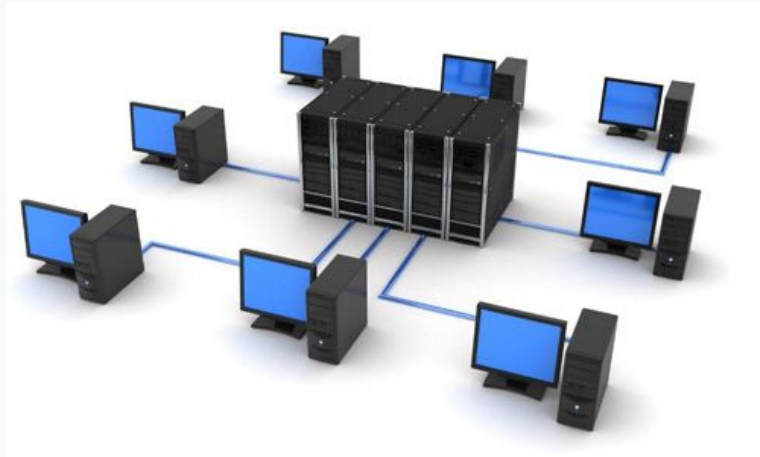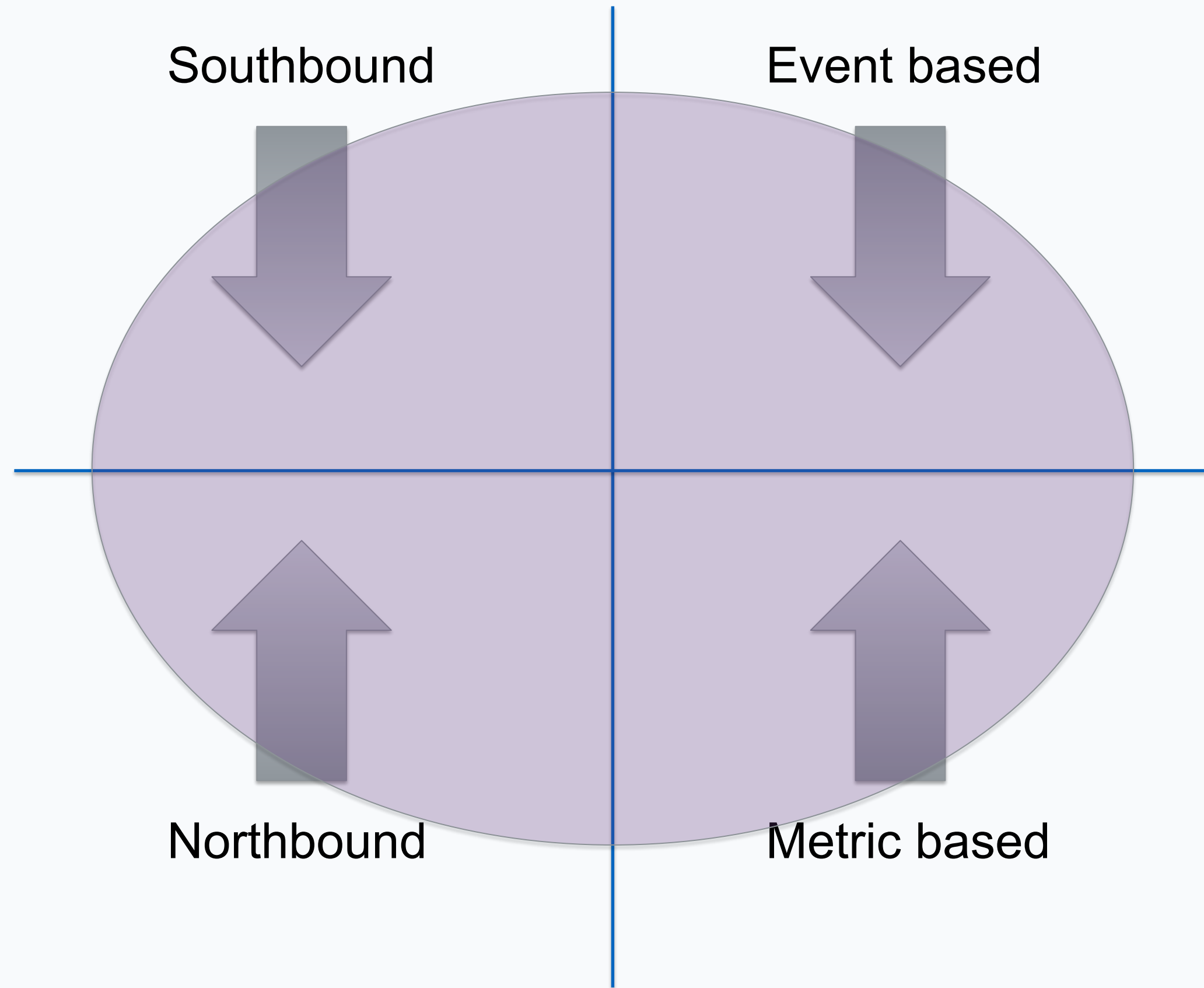
Monitoring

Automation

OP5 MONITOR

OUR SOLUTION

The OP5 unified monitoring solution allows you to gain control over an IT infrastructure with high security, easy capacity planning, large scalability and predictable pricing.

OUR PRODUCTS

We offer two products: OP5 Monitor & OP5 Live

Full monitoring solution:

 Flexible and scalable

 Very large volumes of monitored devices and checks.

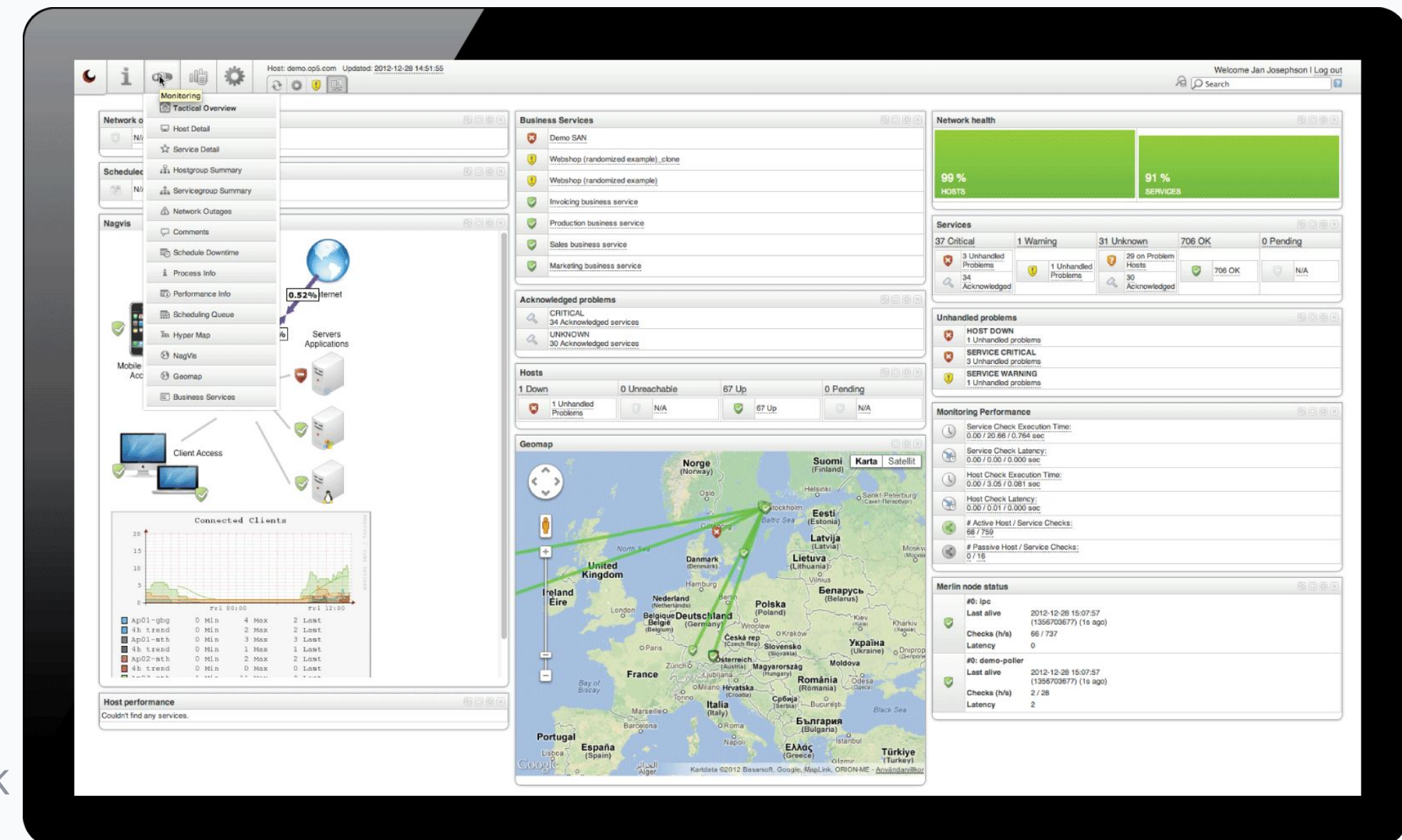 Hybrid and distributed infrastructure

Easy-to-use web monitoring tool to check websites and applications:

 Availability

 Performance

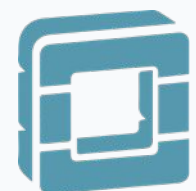 Up-time

OP5 MONITOR FEATURES

Scalable
- Load balancing with failover
- Distributed
- Centrally managed

Automation
- Full Rest API enables all 3rd party integration
- Event handler and aggregation
- Business Services Management (BSM)

Datacenter monitoring
- Monitoring OpenStack
- Traditional and next generation
- Monitoring transition of software defined datacenters

Visualization
- Personalized dashboards
- Dashboard sharing
- Business Services Management (BSM)

Reporting
- SLA Reports
- Business Service Performance
- Availability Reports

Customize
- Well documented Rest API
- Third party integrations
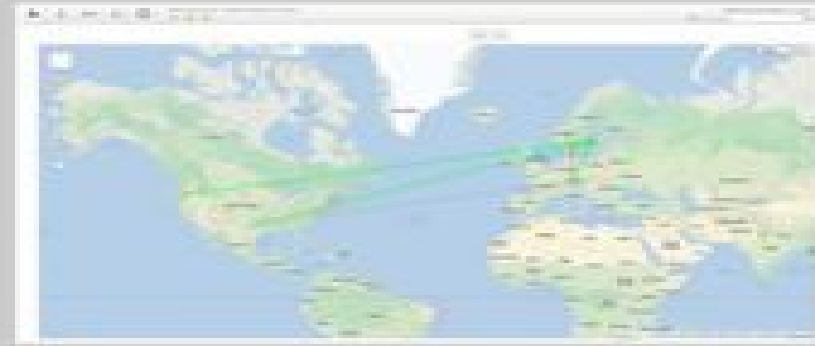- Large open source community

OP5 MONITOR

Unified Monitoring including details

Dashboards → **Graphs & Reports** → **Mapping** → **API**

See what's important! → Access to the details!

Smart Filters

Event Correlation

Collection Tier

Agent based
- Application Servers
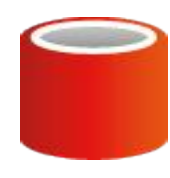- Database Servers
- Storage Servers

Agent less
- Application Servers
- Database Servers
- Storage Servers
- Network Infrastructure
- API Rest & Json

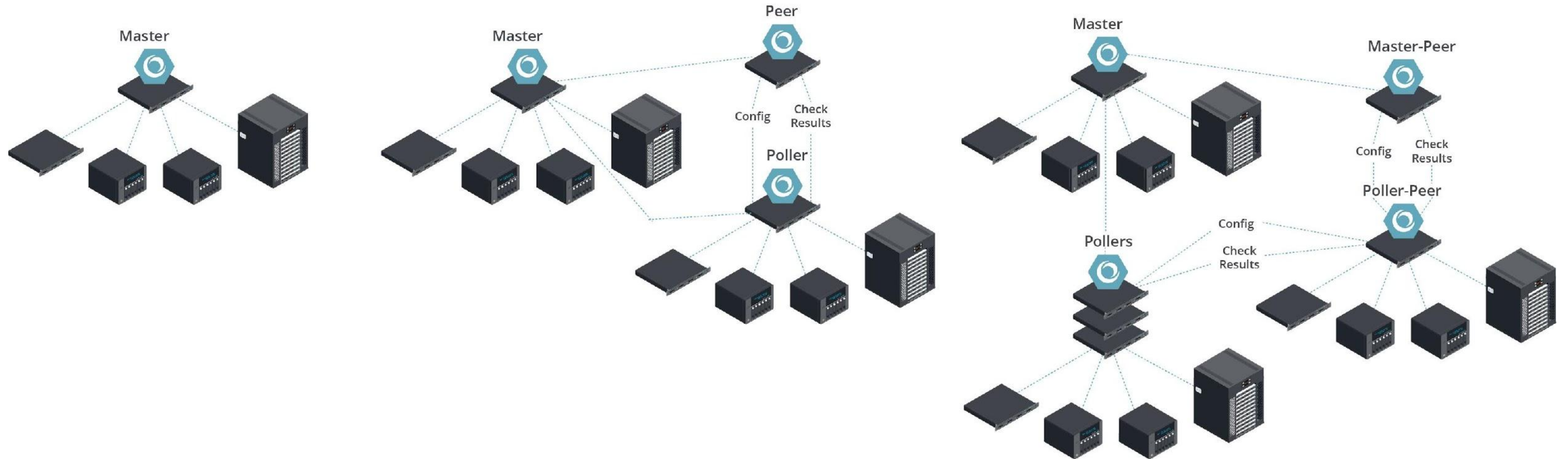## Traps & Logs
- Software Applications
- Cloud Services
- Connectivity Providers

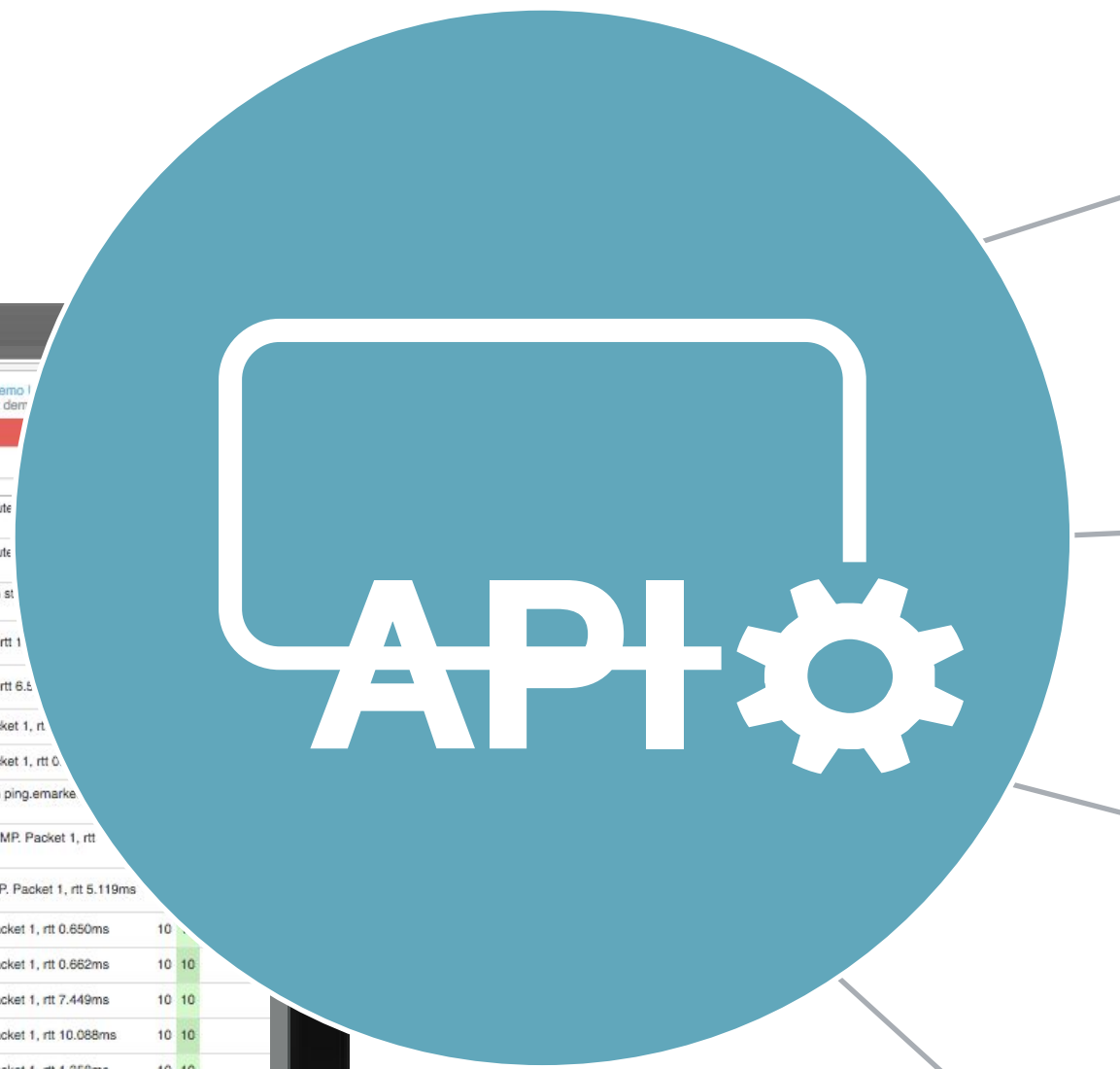# Monitoring of the Enterprise Distributed Datacenter
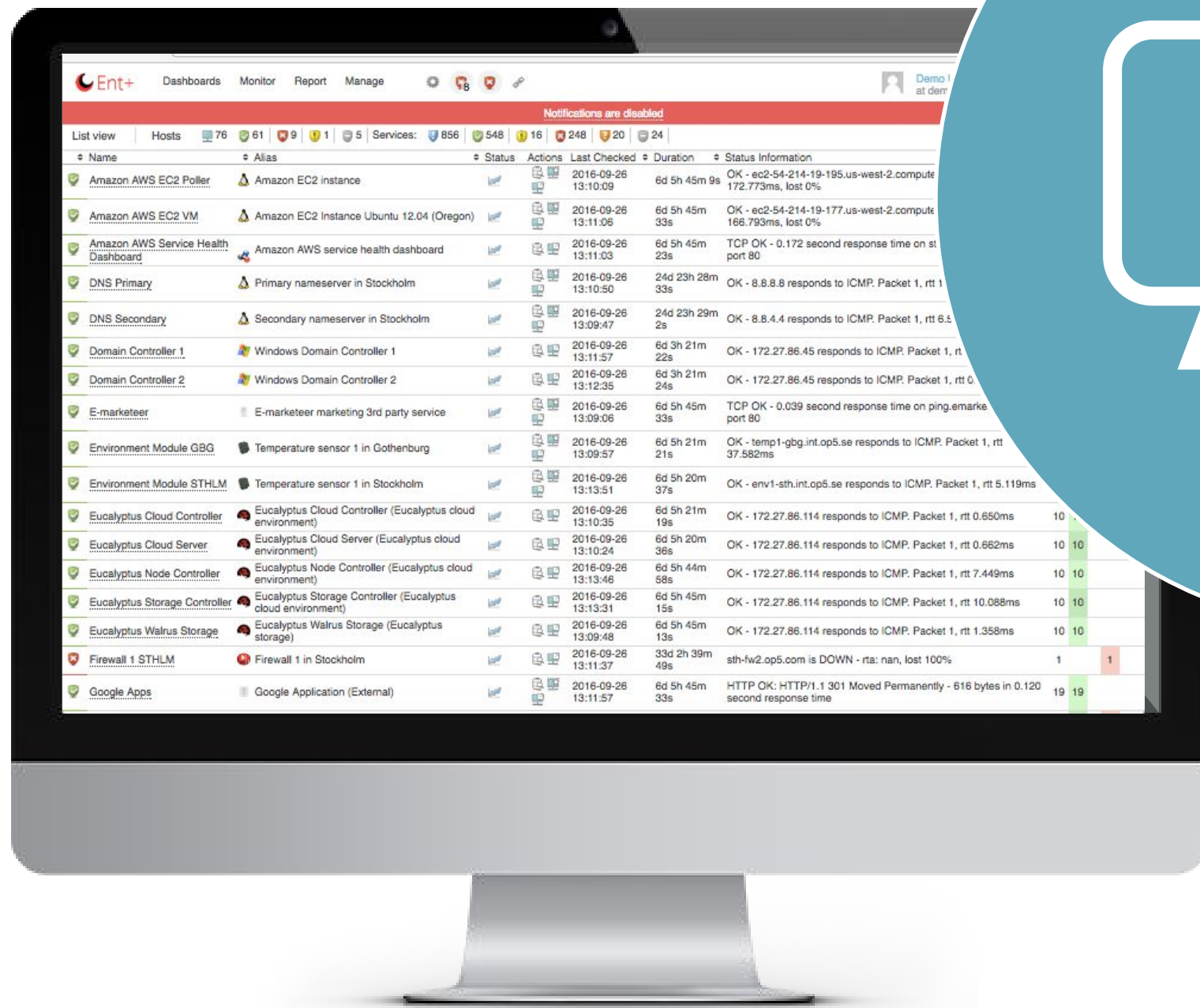
TOTAL SCALABILITY

From the basement to the cloud. OP5 Monitor is built to handle the growth.
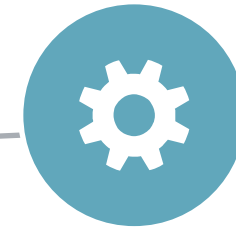
OP5 MONITOR API

Well documented and supported API enables endless flexibility and integration opportunities
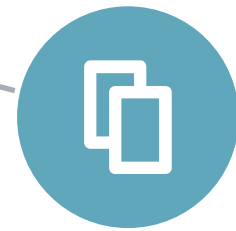

LARGE AND GROWING NUMBER OF DATA ACCESS POINTS

3RD PARTY INTEGRATIONS

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WELL DOCUMENTED

FULLY SUPPORTED

OP5 MONITOR

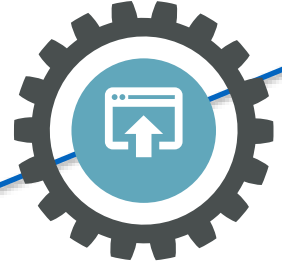TAKE CONTROL
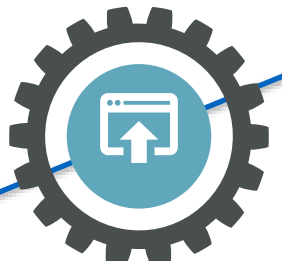OF YOUR IT ™

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It´s all about
automation

Automation!

We are on Big Journey

Automation

Capacity Planning &
Resource Utilization

Visualization of
Datacenter Services
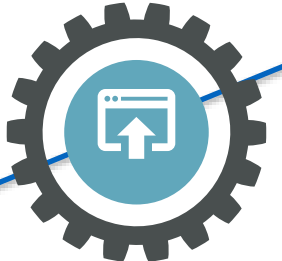
Smart Correlation

Here & Now
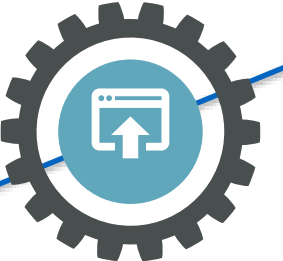
Scalability & Security

There is no "one solution" – it's a *smart* integration of many!

Areas of monitoring

- APM: Application Performance Monitoring
- ITIM: IT Infrastructure Monitoring
- NPMD – Network Performance Monitoring

Areas of integration

- CMDB
- Inventory system
- BI
- Helpdesk
- Billing
- Compliance
- Security
- Etc etc etc etc etc….

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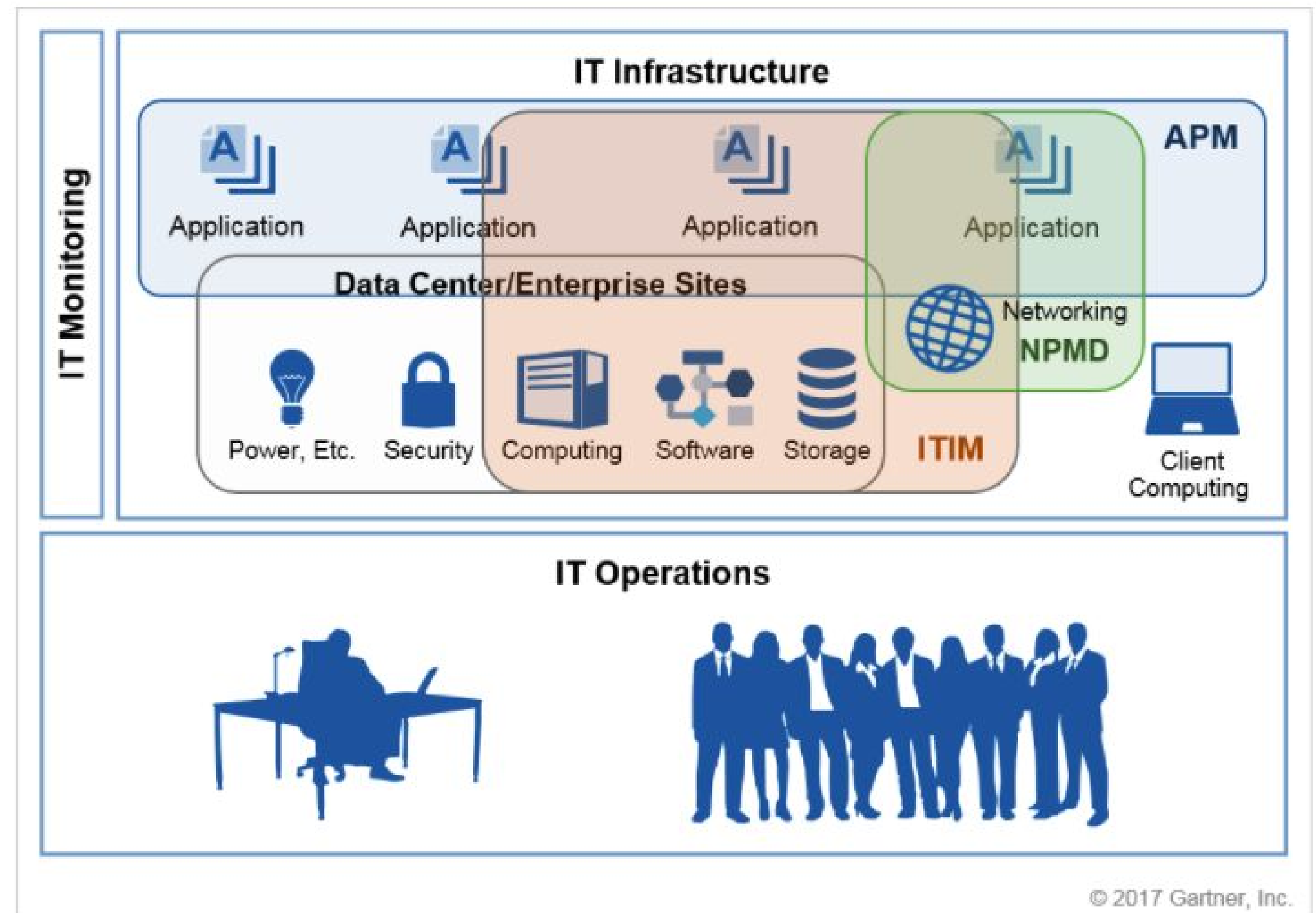
Best of OP5 and Stonebranch Worlds

OP5

Current Application and
Infrastructure Status

(ANALYZE)

Agile + self-healing

IT Operations and

IT Business Processes

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Workload Automation
and corrective action

(EXECUTE)

A practical case - A slow web page

Automated troubleshooting

* Any other alarm from servers involved?
* DB server out of memory
* Expand memory

* Recheck all steps

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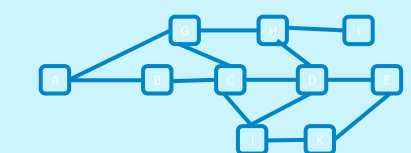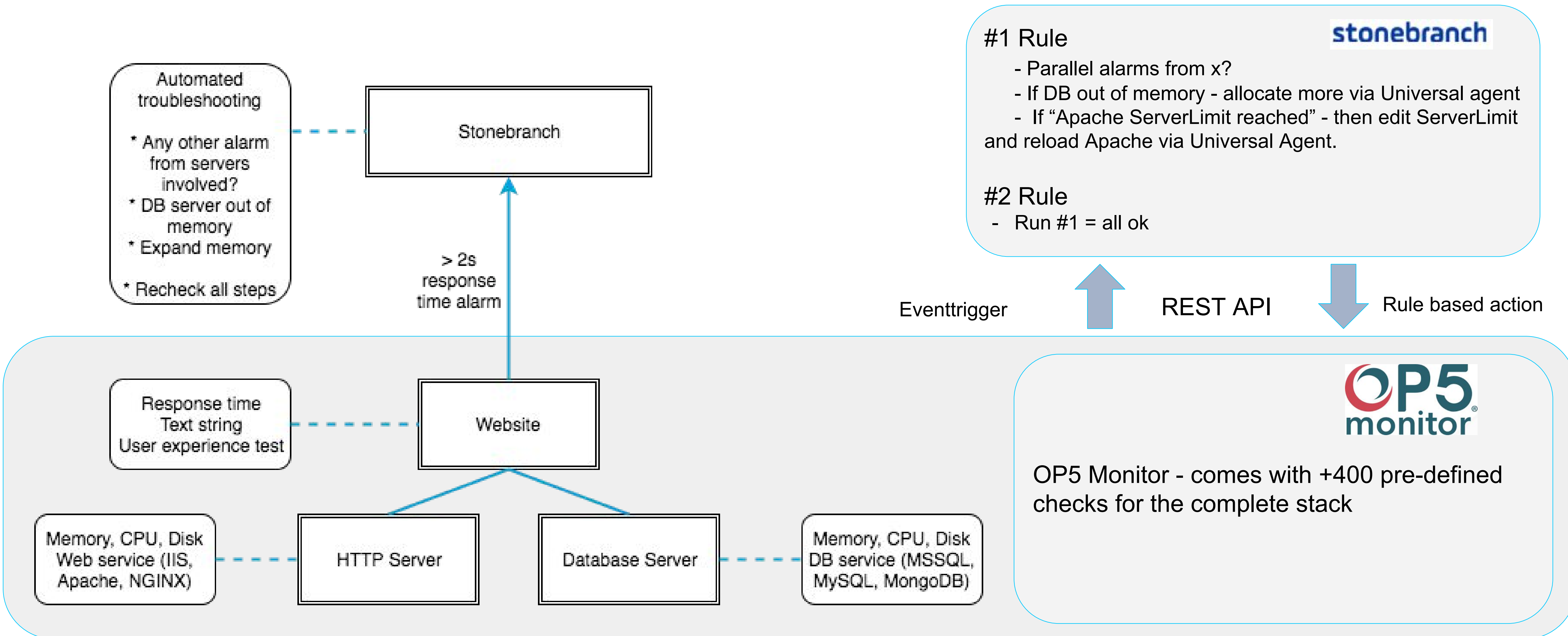> 2s response time alarm

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#1 Rule
- Parallel alarms from x?
- If DB out of memory - allocate more via Universal agent
- If "Apache ServerLimit reached" - then edit ServerLimit and reload Apache via Universal Agent.

#2 Rule
- Run #1 = all ok

Eventtrigger

REST API

Rule based action

Response time
Text string
User experience test

Website

OP5 monitor

OP5 Monitor - comes with +400 pre-defined checks for the complete stack

Memory, CPU, Disk
Web service (IIS, Apache, NGINX)

HTTP Server

Database Server

Memory, CPU, Disk
DB service (MSSQL, MySQL, MongoDB)

SUPPORT &
PROFESSIONAL SERVICES

Our product support and services far exceed what is expected from commercial software companies.

Key Features:

Consulting Worth Experiencing

Thorough Product Training

Support & Knowledge Base

Developer Resources

TAKE CONTROL OF YOUR IT ™

QUESTIONS?

Feel free to reach out to us at any time. Thank you!

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