HP OneView

Обновленный подход к управлению ИТ-инфраструктурой

**Николай Кычанов,
технический консультант,
HP Россия
NiKy@hp.com**

Master Accredited
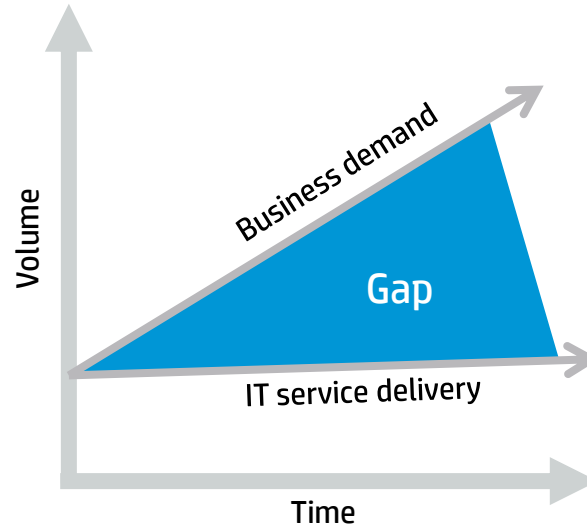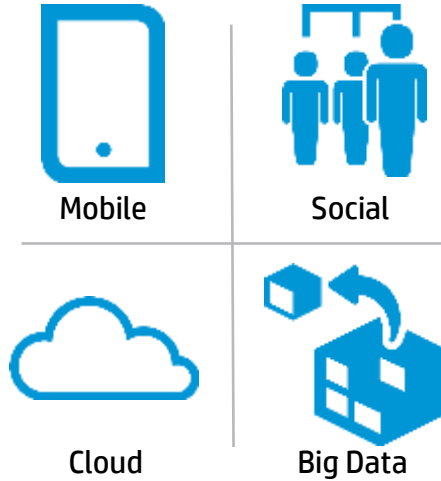Systems Engineer

The IT gap
Business demand is outpacing IT delivery

Business requirements

Mobile

Social

Cloud

Big Data

Volume

Business demand

Gap

IT service delivery

Time

Uncovering the root cause with our customers
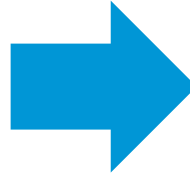
4 years of research

7 formal usability studies

30 customer advisors

18 months refining

5000 UI mockups

What we learned

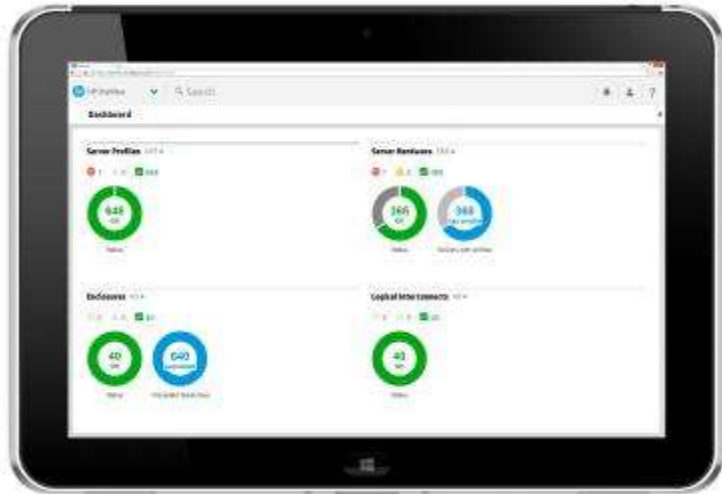**Every process in the data center is built on 5 common tasks**

No IT process is ever done the same way twice

IT tools were built for 'how devices work' versus 'how people work'

Introducing HP OneView

A fresh approach to infrastructure lifecycle management

Tasks accomplished in seconds not minutes

- **Simple**, consumer-inspired user experience dramatically accelerates basic tasks and everyday processes

Processes executed in minutes not hours

- Software-defined management provides **fast** repeatable IT delivery at lower cost with less errors

Projects completed in hours not months

- **Extensible**, programmable platform to optimize your operations and project execution

New Call Center System deployed overnight

HP OneView beta customer example

Old way:

- Install new call recording systems
- 12 data center sites
- Could build only 2 sites at a time.
- Took11 days to deploy 2 sites

HP OneView way:

- Built 12 sites in one night.

66 days to 1

Datacenter processes are built on 5 common tasks

Simplifying these tasks radically accelerates all data center processes

Identify

Identify what needs to change, fix or get done

Collect

Collect information and find the devices involved

Understand

Understand status and other dependencies

Collaborate

Collaborate with teams to execute

Communicate

Notify teams of progress, completion or failure

Revolutionary, consumer-inspired user experience

Radically simplify everyday tasks to accelerate every IT process

Identify	+	Collect	+	Understand	+	Collaborate	+	Communicate

Dashboard
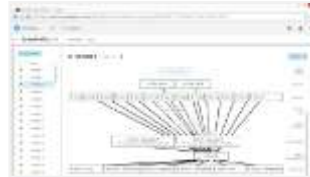
Smart Search

Map View

Templates

Activity Feed

Capacity and health at your fingertips

Instantly find what you want

Visualize relationships between devices

Capture best-practices
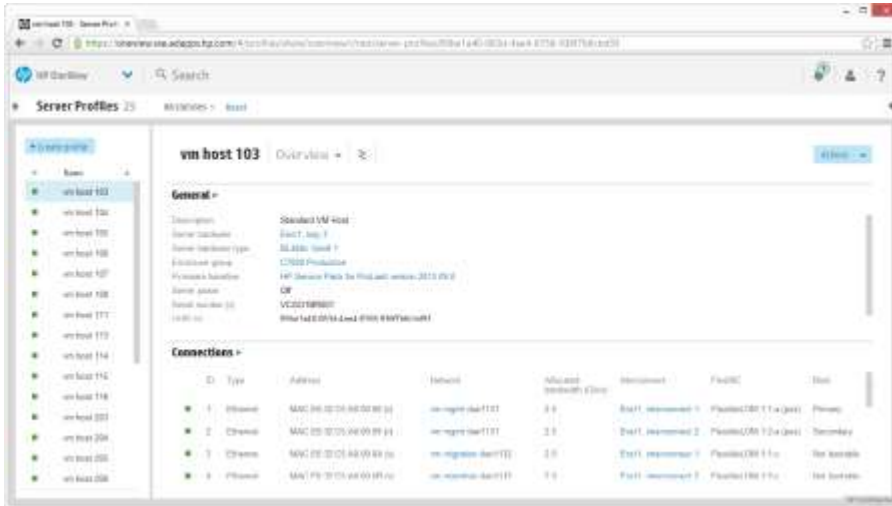
Instantly receive alerts, messages

Basic tasks now take seconds and stay simple at any scale

Software-defined process templates

Push-button provisioning and precision to eliminate errors and manual steps

Infrastructure , workload, network set, firmware

- Built-in best practices reduces human error
- Repeatedly reduces time to infrastructure
- Role based collaboration makes processes serial
- Delivers compliance and consistency

Dramatically accelerate common processes

Migrate workloads **5x**[*] faster

Reduce time to change network configs by **98%***

Reduce admin time to configure servers by **83%***

 * As compared to manual operations
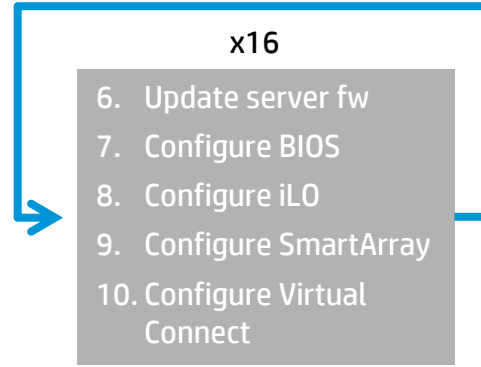
Provision infrastructure > 2x faster

Deploying infrastructure for an ESX cluster

With Traditional Tools

1.	Manually identify available capacity

2.	Update enclosure fw
3.	Configure enclosure settings

4.	Update Virtual Connect fw
5.	Configure Virtual Connect base settings

x16

6.	Update server fw
7.	Configure BIOS
8.	Configure iLO
9.	Configure SmartArray
10.	Configure Virtual Connect

= 170 minutes of admin time

With HP OneView

x16

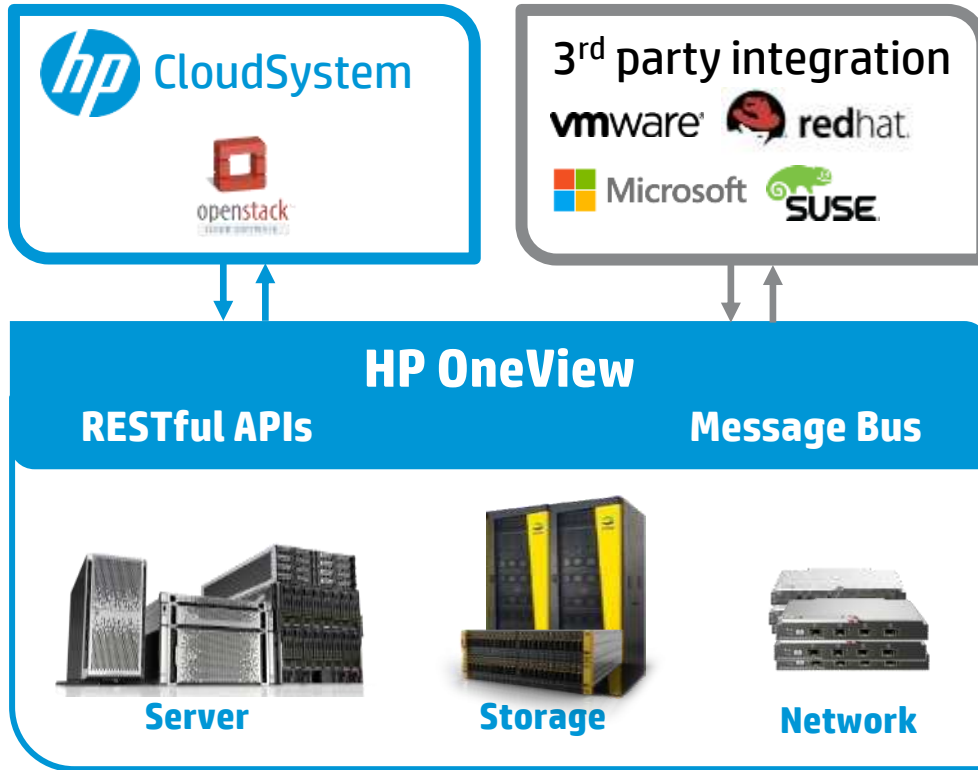**1. Configure network sets**

2. Configure enclosure group

3. Configure CI template

4. Identify available capacity and provision server via template

= 75 minutes of admin time

*Source: HP testing, based on 640 servers and 60 profiles

Extensible, programmable management platform

HP CloudSystem

openstack

3rd party integration

vmware redhat

Microsoft SUSE

HP OneView

RESTful APIs   **Message Bus**
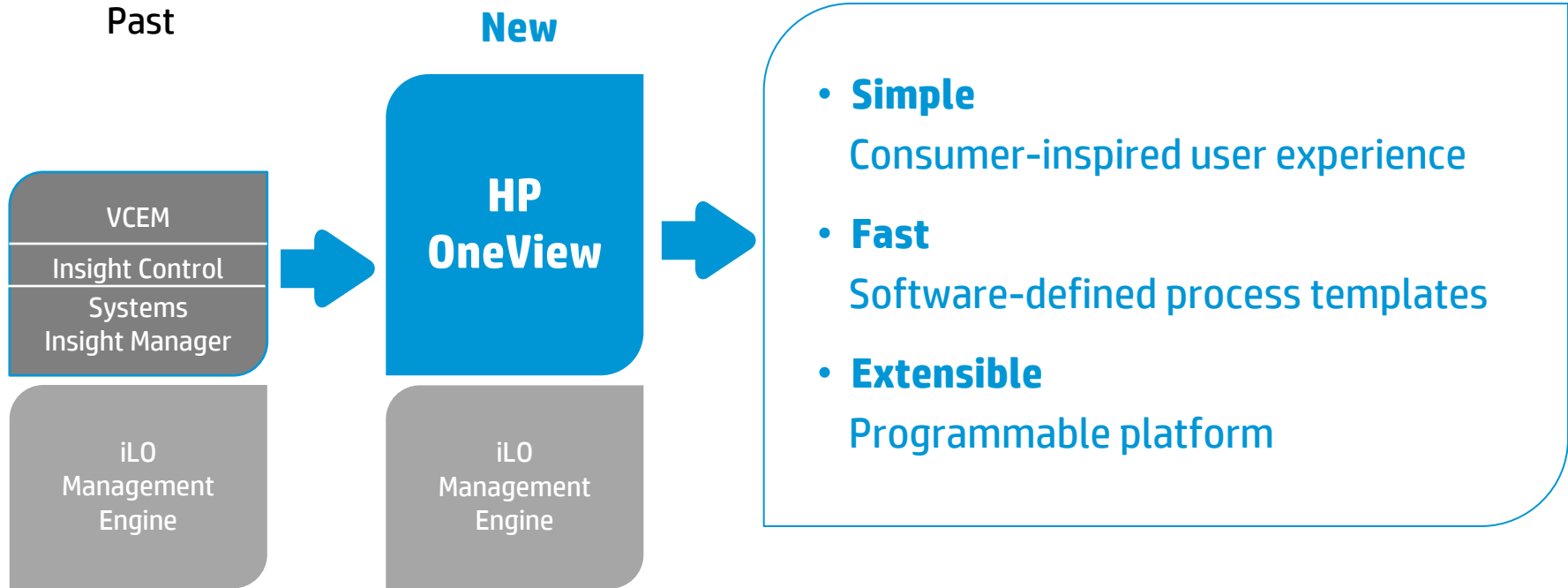
Server   **Storage**   **Network**

**4 API commands,
infinite possibilities**

- APIs built with modern RESTful interfaces – the language of the web

- Automate any step or process, integrate with any device or tool

- Program processes to run in parallel to drastically reduce project times

- UI is built on the same API's, anything done through the UI can be done via API

HP OneView

A fresh approach to infrastructure lifecycle management

Past

New

VCEM
Insight Control
Systems Insight Manager

iLO Management Engine

HP OneView

iLO Management Engine

- **Simple**
  Consumer-inspired user experience

- **Fast**
  Software-defined process templates

- **Extensible**
  Programmable platform

HP OneView licensing

Instant-on licensing

- 60-day trial use period
- No trial licenses required

Factory-embedded licenses

- Touch-free licensing process
- Automated registration
- Available on factory-integrated SKUs only

Enterprise license key

- AKA license available
- Simplifies purchase

Breakthrough simplicity!

How to Buy

Best value for **HP OneView 1.0** when bundled with hardware

Offering		List Price $USD
One standalone software license		$1249 / license
One software license bundled with a ProLiant DL server (CTO)		$799 / license
16 software licenses bundled with a BladeSystem enclosure (CTO)		$999 / license

Best Value

- *HP OneView is licensed 'per physical server'*
- *60-day free trial use is provided to connected systems by the HP OneView management appliance*
- *Management appliance available via free download or via DVD media kit*

www.hp.com/go/oneview

HP OneView Upgrade

VCEM
Insight Control
iLO Advanced

$799

HP OneView
Converged infrastructure management in a single, integrated platform

HP OneView Services

BUILD

- HP OneView Startup Service
  - basic installation & configuration
- HP OneView Integration Service
  - basic installation plus data migration from existing HP SW tools

OPERATE

- Licenses include 3-years SW technical support, SW updates, and web-based Education
  - 4-year & 5-year support extension options
- Proactive Care
  - comprehensive HW & SW proactive advice
  - enhanced call management from technical experts
- HP Education – Instructor-led classes and Web-based training

PLAN
Converged management strategic planning
– coming soon

BUILD
Smooth and faster deployment

OPERATE
3-years technical support and updates included

HP CONFIDENTIAL

HP OneView

A fresh approach to infrastructure lifecycle management

Simple: Consumer-inspired user experience

- Everyday tasks in seconds
- 4 steps compared to 480 to troubleshoot a network

Fast: Software-defined process templates

- Push-button precision, consistency, reliability
- >2x faster ESX cluster deployment

Extensible: Programmable platform

- 4 commands, infinite possibilities
- HP OneView beta customer:
  Project accelerated from 66 days to 1

HP OneView
References for more information

HP OneView product page http://www.hp.com/go/oneview

HP OneView product documentation (i.e. Support Matrix) http://www.hp.com/go/oneview/docs

HP OneView Services www.hp.com/services/oneviewservices

HP OneView – Software Depot (Free Download) www.hp.com/go/oneview/download

- This 'Download' URL is for downloading the full install of the current version

HP OneView Product Updates http://www.hp.com/go/oneviewupdates

- The HP OneView User Interface references this page with a hyperlink.
- This URL allows you to check for any updates (patches) to the current version.

HP OneView EULA www.hp.com/go/oneview/eula

HP Infrastructure Management 'Hub' webpage www.hp.com/go/management-oneview or

- Both URLs link to HP OneView product page www.hp.com/go/infastructuremanagement

HP OneView Community (enterprise business community) http://www.hp.com/go/oneviewcommunity

 HP CONFIDENTIAL

Спасибо!

Вопросы? > NiKy@hp.com