



**Hewlett Packard
Enterprise**

Open Your Mind with OpenVMS on HPE Servers 45m

Ray Turner
HPE Mission Critical Solutions

December 2015





Hewlett Packard Enterprise



again!

Ray Turner
HPE Mission Critical Solutions

December 2015



Forward-looking statements

This is a rolling (up to three year) roadmap and is subject to change without notice

- This document contains forward looking statements regarding future operations, product development, product capabilities and availability dates. This information is subject to substantial uncertainties and is subject to change at any time without prior notification. Statements contained in this document concerning these matters only reflect Hewlett Packard Enterprise's predictions and / or expectations as of the date of this document and actual results and future plans of Hewlett-Packard Enterprise may differ significantly as a result of, among other things, changes in product strategy resulting from technological, internal corporate, market and other changes. This is not a commitment to deliver any material, code or functionality and should not be relied upon in making purchasing decisions.



Introduction

Interexperience OpenVMS SIG Update day – Open your mind with OpenVMS on HPE Servers

Ray Turner – HPE EMEA

- Started with VMS in 1986
Haven't finished with it yet
- HPE Europe Middle East Africa
Technical Consultant
OpenVMS Ambassador
- Goals
Happy customers
VSI success and grow OpenVMS

Please ask questions any time



OpenVMS evolution



1978
the Sunlander



1978
Amsterdam Metro
trains

Nothing Stops It.

1977 1978 1979 1980 1981 **1982...**

A Long History of Growing Up -- And Down!

- w VAX-11/730
- w VMS V3.0
- w RA60 and RA81 Disk Drives
- w Digital Storage Architecture
- w ALL-IN-1

A photograph of VMS hardware components, including a VAX-11/730 computer system and a stack of RA60 and RA81 disk drives.

1978
VMS goes public

OpenVMS evolution



1983



2007

OpenVMS evolution



Software > Operating Systems

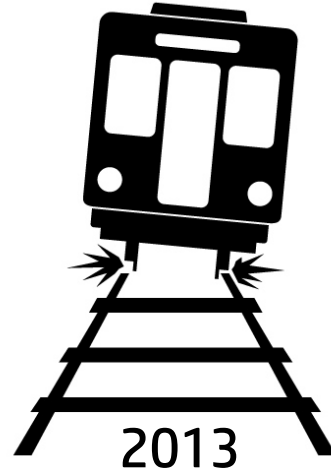
HP moves OpenVMS dev to India?

No surprise there

2009



2014



2013



2013



2015

OpenVMS evolution

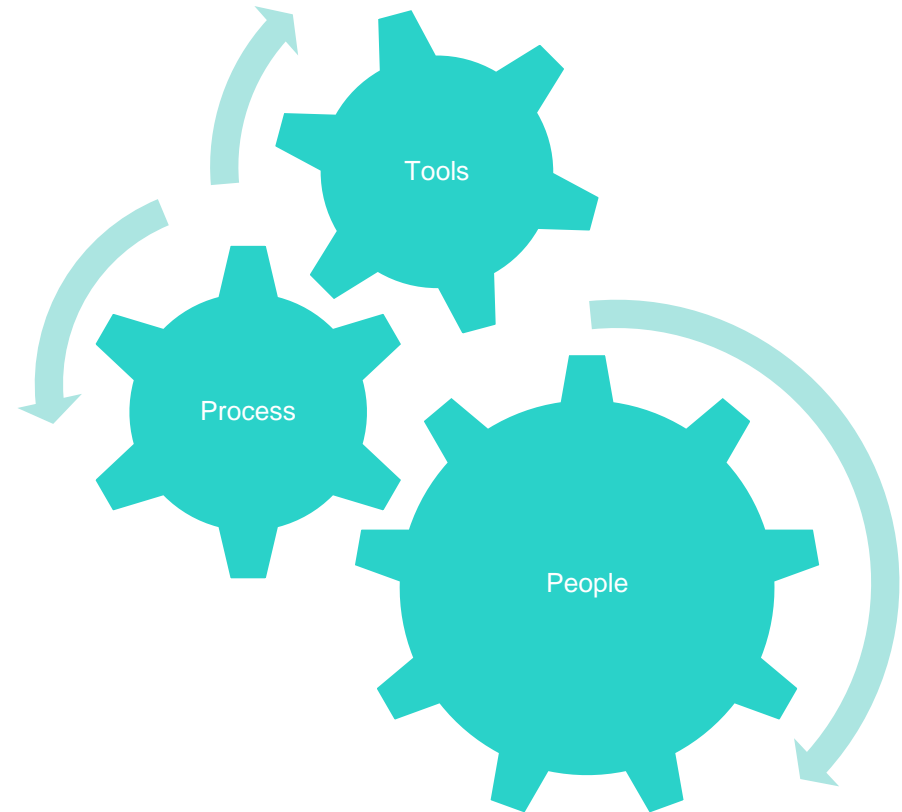


HPE-VSI Partnership

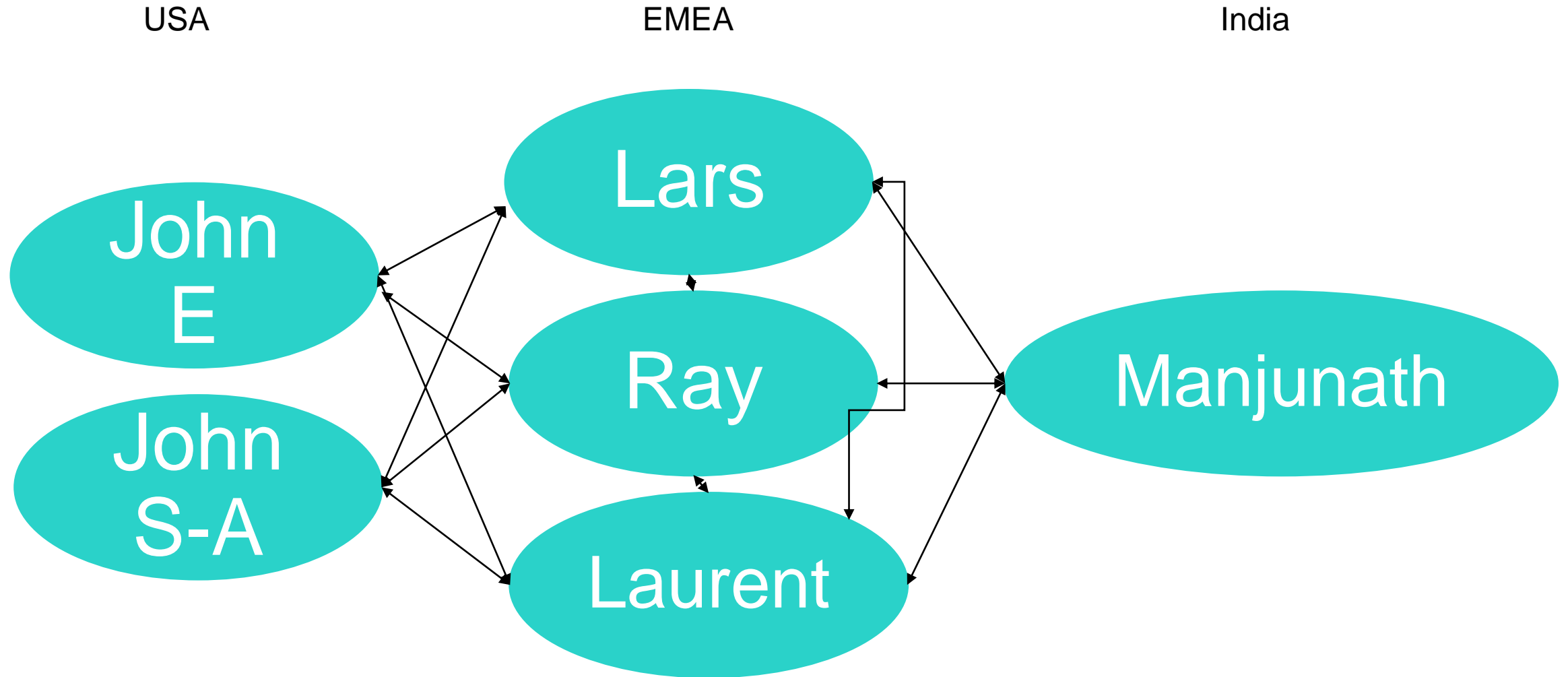
To keep your business running and adapting—today and into the future



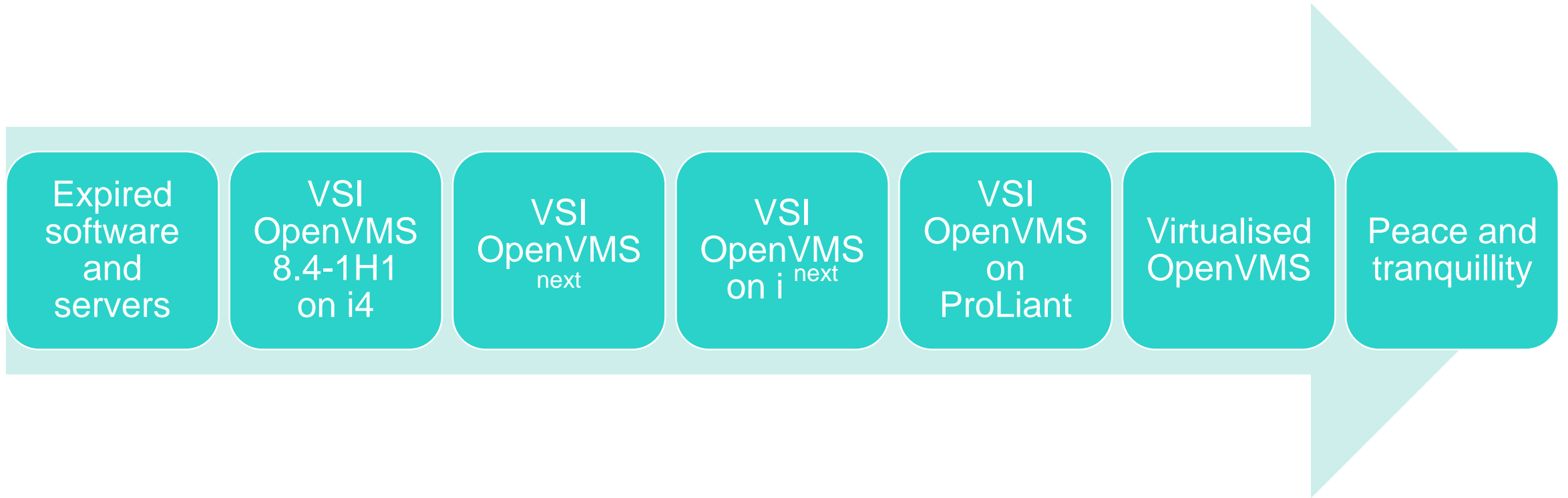
- Strong business relationship
- Joint working model
- Collaboration of people, processes and tools
- Leveraging expertise



An HPE day in the life of OpenVMS



Your life with OpenVMS



Your past

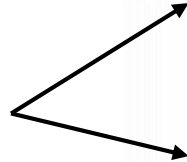
Your future

VAX



EMULATE

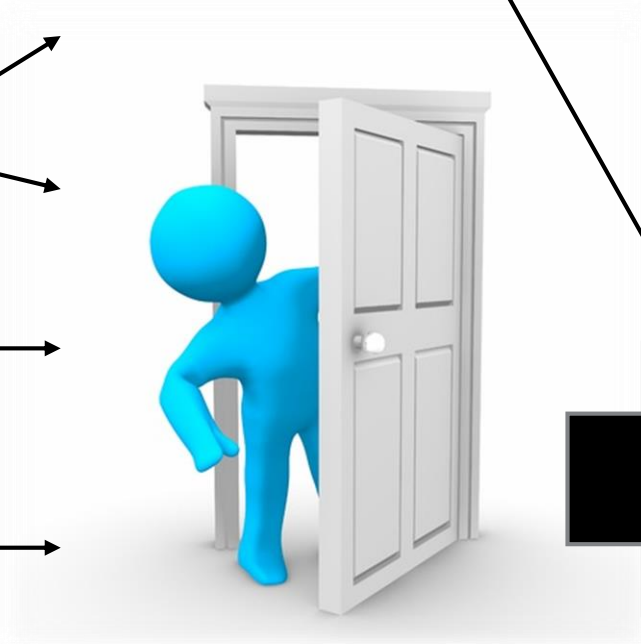
ALPHA SERVER



INTEGRITY SERVER



OPENVMS



**INTEGRITY I2, I4, I^{NEXT}
X86**

**V8.4-1H1, V8.4-2...
V9**

HPE view of OpenVMS

In the right hands

In safe hands

In active hands

Your view of OpenVMS?

Investment protected

Continue
development

A future for me and
my company

What's on your mind?



Back from
Boot Camp

VSI
anniversary

OpenVMS
plans clear

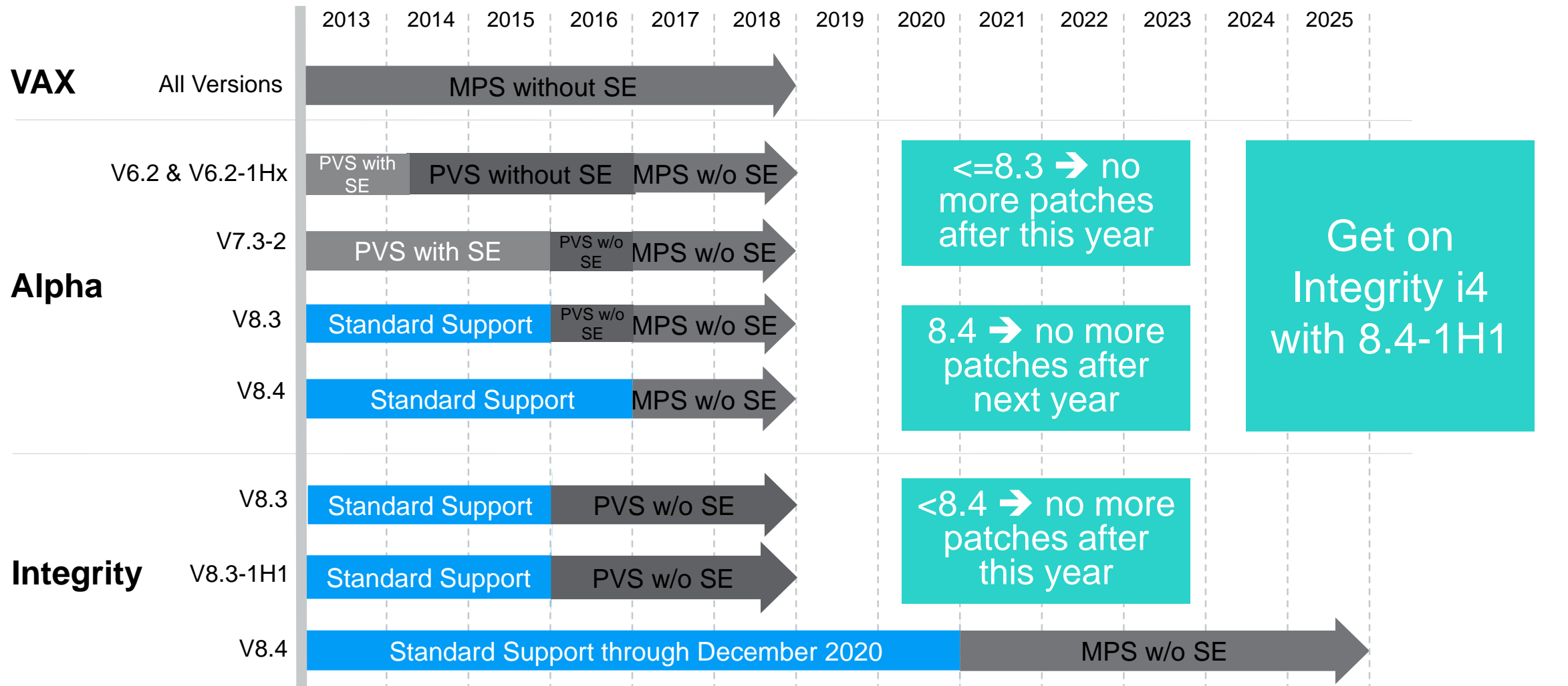
OpenVMS
innovation
again

OpenVMS
going
modern

Realistic
On track
Success



HPE OpenVMS Service Support roadmap



<=8.3 → no more patches after this year

8.4 → no more patches after next year

<8.4 → no more patches after this year

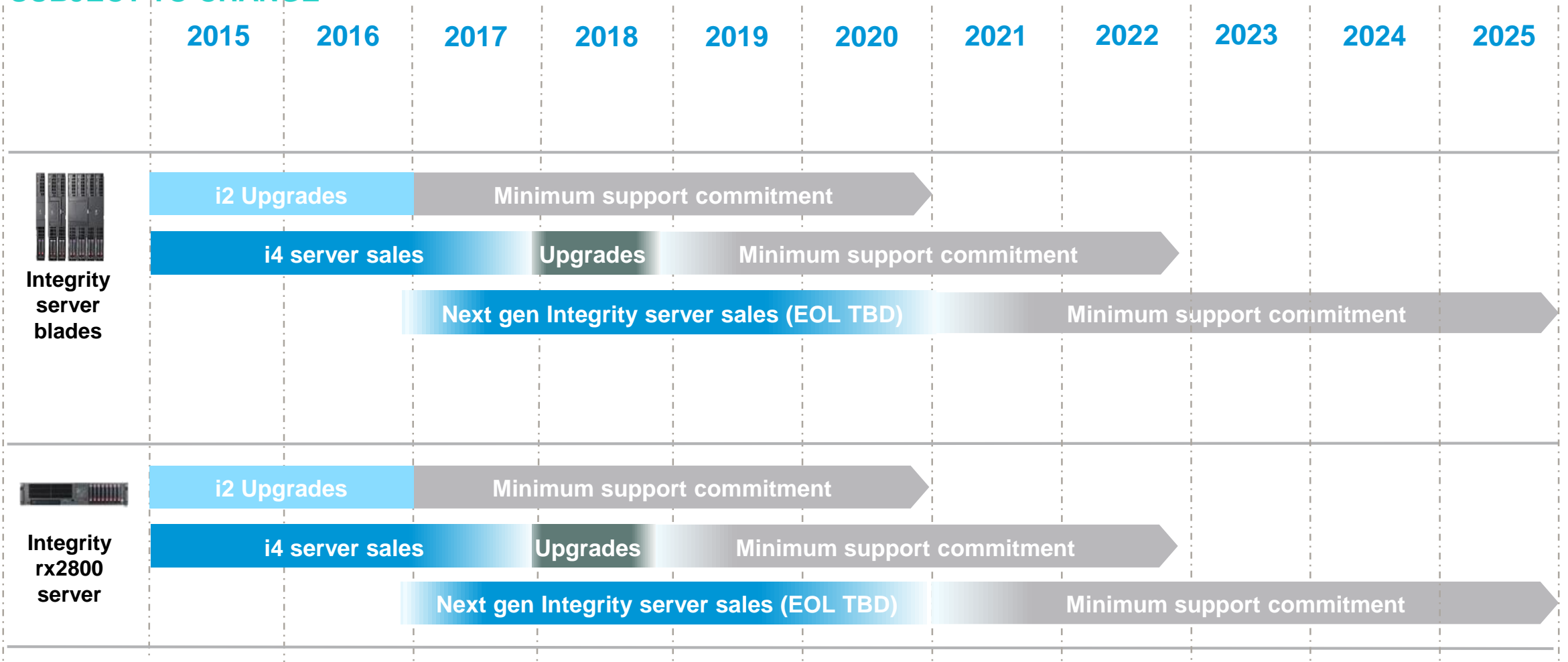
Get on Integrity i4 with 8.4-1H1

- MPS w/o SE would be available for at least 2 years
- A 24-month notification will be provided before support is ended
- For details on the PVS and MPS offers, click [here](#)

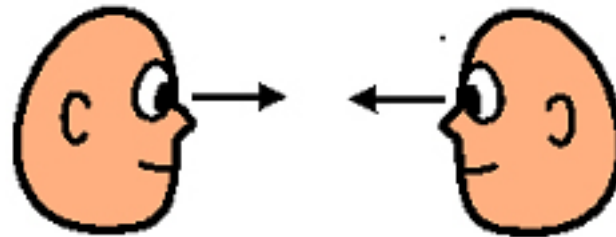
	MPS w/o SE	Mature Product Support Without Sustaining Engineering
	PVS w/o SE	Prior Version Support Without Sustaining Engineering
	PVS With SE	Prior Version Support With Sustaining Engineering
	SS	Standard Support

Integrity Servers lifecycle

SUBJECT TO CHANGE



HPE or VSI?



You, OpenVMS, HPE and VSI

HPE and VMS Software, Inc. (VSI) collaborate to extend OpenVMS solutions

The many thousands of organizations that are still happily using the OpenVMS operating system to run mission-critical applications have heaved a collective sigh of relief now that Hewlett-Packard has decided to license the source code to OpenVMS...

- Timothy Pritckett Morgan, Enterprise Tech

This is the most exciting VMS news for a long time. I really think this will be received very positively. Thank you on behalf of my customers many of whom were really unhappy last year.

- HP employee


Hewlett Packard
Enterprise

 **vms** Software

OpenVMS 8.4

Integrity i2 enablement



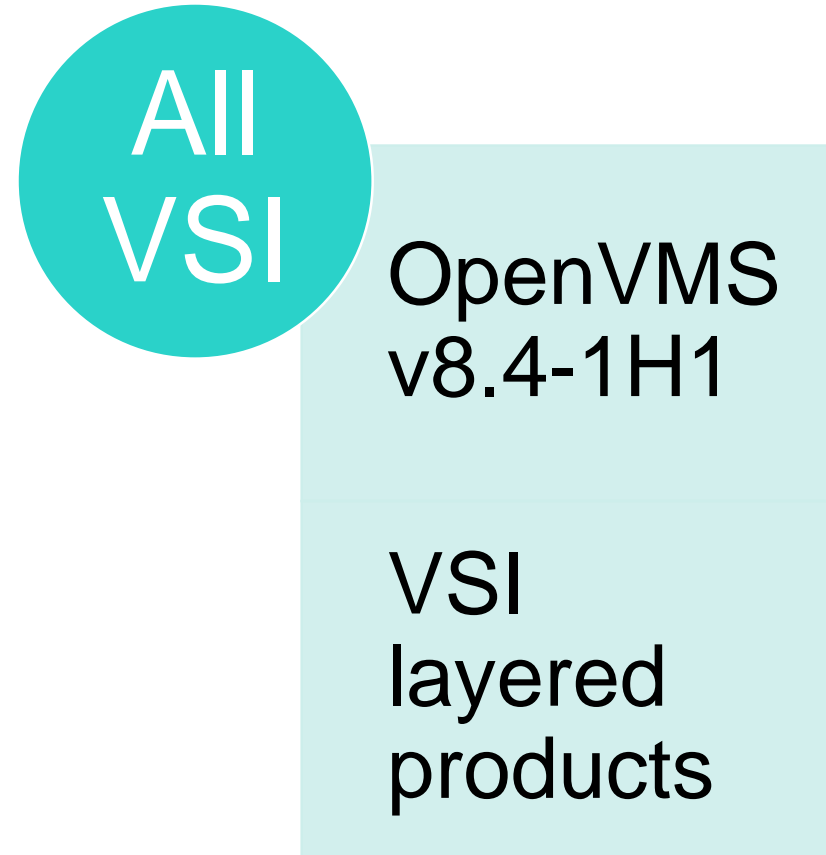
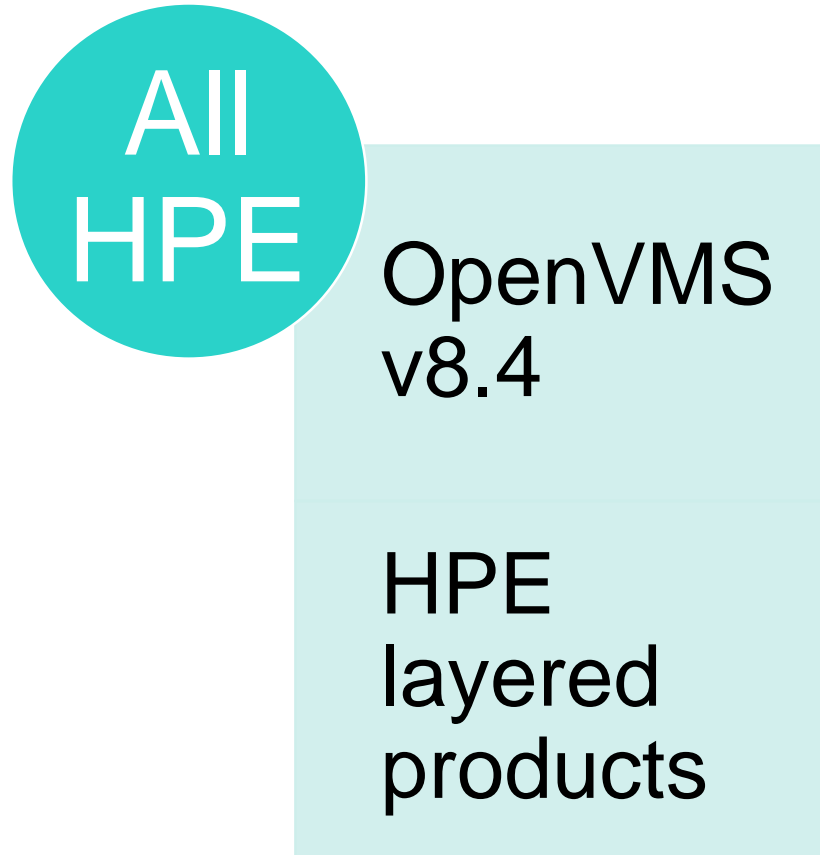
OpenVMS 8.4-1H1....9....

Integrity i4...i^{next} enablement

x86 enablement


Hewlett Packard
Enterprise

How support works



How do I get support?

This means if you order your licences through HPE, then you buy your support from HPE as well.

If you buy through  **Hewlett Packard Enterprise**

HPE provides support services for 8.4-1Hx on Integrity i4 servers for up to five years after the end of sale of the product

Customers purchasing support from HPE for versions 8.4-1Hx can use the current HPE support channels

VSI provides engineering support for 8.4-1Hx. HPE will make fixes available to their supported customers through the normal support channel that you use today

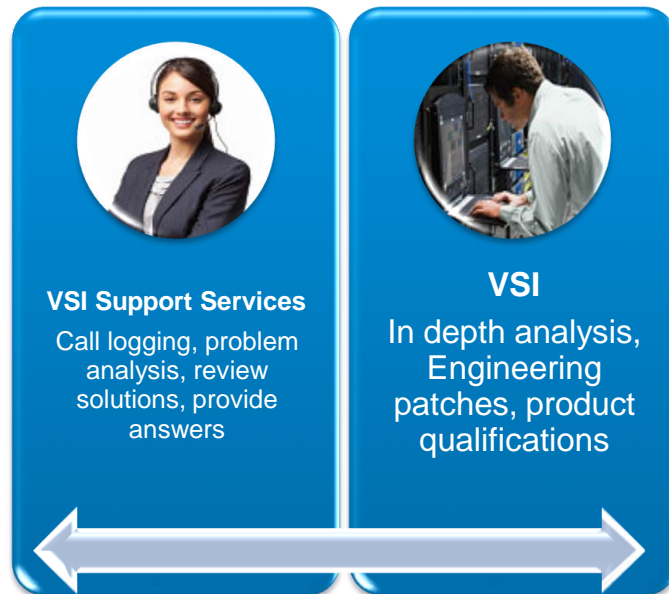


How do I get support?

This means if you order your licences Direct from VSI. Then you must buy your support from VSI as well.

HPE does not offer support contracts on licences not purchased via HPE

If you buy through  Software



VSI provides support services for versions 8.4-1Hx

Customer reaction

*A number of our critical business systems run on an **OpenVMS 8.4 Alpha** platform...*

We decided we would migrate the systems in question to VMS running on the INTEGRITY/ITANIUM platform, specifically OpenVMS V8.4-1H1 running on i2/i4 servers...

*...have embarked on the task of compiling and testing their systems on ITANIUM ...the application teams have made great progress, to the extent that **80%** of the systems have **compiled successfully** and testing is underway. Any issues that were uncovered, were relatively **minor** and **quickly resolved**.*

Our plan is that during 2016 we will begin migration of our applications to an ITANIUM production environment.

- A large Global Manufacturer focused in Aerospace Industry.



Customer reaction

*The move from VMS 8.4 on i2 servers to VSI's VMS 8.4-1 on i4 servers by replacing servers in a mixed cluster went **completely smooth**.*

*The use of the new servers without having to modify our application **sped** up the Xetra cash market significantly.*

- Head of Cash & Derivatives IT Operations of one of the world's largest stock exchanges



OpenVMS – now and beyond

Key takeaways

HPE plans unchanged

A great new future

HPE support

Improving TCO

Innovation



Support

To 2020 with Engineering support.
To 2025 with TS support.



VMS Software Inc.

HPE Integrity i4 support; next gen Integrity; ProLiant/x86 support



V8.4-1H1

HPE will provide licenses and support



Costs down

per socket license;
Server consolidation,
better performance



Refresh

Layered products,
OpenSource, Java,
SSL...

HPE EMEA manager

September business review with countries

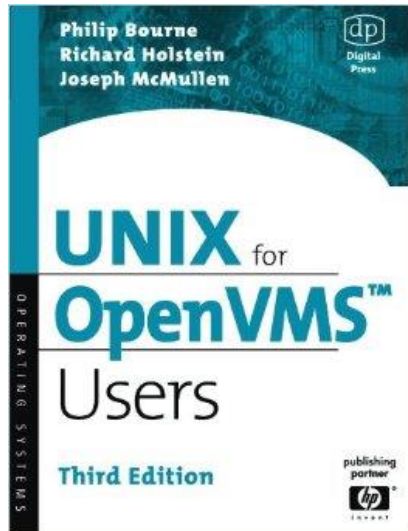


“The **OpenVMS refresh**”
order has been received.”

“The customer has approval for
the **OpenVMS refresh**”

“The **OpenVMS refresh**
project project is going
ahead”

Call to action



Call to action





**Hewlett Packard
Enterprise**



Software



**Hewlett Packard
Enterprise**



Hewlett Packard
Enterprise

Dank je

ray.turner@hpe.com