



# OpenVMS Rolling Roadmap

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# VSI Previous Operating System Releases

May 2015

## ***OpenVMS V8.4-1H1***

### **Itanium® Processor 9500 series**

- ◆ New CPU architecture
- ◆ Vastly improved performance

### **HP Integrity System Support**

- ◆ rx2800 i4
- ◆ HP Integrity Server Blades
  - BL860c i4
  - BL870c i4
  - BL890c i4
- ◆ i2 versions of blades and rx2800
- ◆ Blades FlexFabric LAN support

### **Software**

- ◆ Quality Enhancements
  - Operating System
  - Layered Products
- ◆ Product Rebranding

# OpenVMS Integrated Product Status

Operating Environment • DVD Contents

May 2015

September 2015

## Released

### BOE Components:

- ◆ V8.4-1H1 operating system
- ◆ ANT
- ◆ AXIS2
- ◆ CDSA
- ◆ CIFS
- ◆ CSWS\_JAVA
- ◆ DCPS
- ◆ DECnet Phase IV & Phase V
- ◆ DECram
- ◆ DECwindows Motif
- ◆ DCE (runtime)
- ◆ Encryption
- ◆ Kerberos
- ◆ PERL
- ◆ Secure Web Server (CSWS)
- ◆ SSL

- ◆ TCP/IP
- ◆ The Data Collector
- ◆ UDDI
- ◆ VSI Binary Checker
- ◆ WBEM/CIM
- ◆ WBEM providers
- ◆ WSIT
- ◆ XML C++

### HAOE Components:

- ◆ BOE components
- ◆ Availability Manager
- ◆ RMS Journaling
- ◆ Volume Shadowing
- ◆ OpenVMS Cluster Client
- ◆ OpenVMS Cluster Software

### BOE Component:

- ◆ CSWS\_PHP
- ◆ XML\_JAVA
- ◆ DECwindows

# OpenVMS Layered Product Status

Layered Products • DVD Contents

May 2015

September 2015

## Released

- ◆ ACMS dev, remote, runtime
- ◆ BASIC
- ◆ C
- ◆ COBOL
- ◆ DECforms dev, runtime
- ◆ DECset  
(CMS, DTM, MMS, SCA, LSE, PCA)
- ◆ DFO
- ◆ DFS
- ◆ Fortran
- ◆ PASCAL

- ◆ ABS / MDMS
- ◆ Datatrieve
- ◆ FMS dev, runtime
- ◆ MRU
- ◆ SSM
- ◆ TDMS dev, runtime

# OpenVMS Rolling Roadmap

February 2016

2016 / 2017

2018

## **OpenVMS V8.4-2**

### **HP Integrity System Support**

- 64 Cores (CPU hyperthreads off)
- UEFI 2.3
- 3PAR 8200 Flash Array

### **VSI TCP/IP 1.0**

- Installation Option
- **HP TCP/IP will not be supported in a future release**

### **Performance**

- More alignment faults eliminated
- Improved network throughput with VSI TCP/IP

### **Software Component Updates**

- ACME-enabled LOGIN
- Enterprise Directory
- HSM
- Apache 2.4.12
- LDDRIVER 9.7

## **OpenVMS V8.x,.....**

### **HP Integrity System Support**

- 16Gb Fibre Channel
- HP Kittson-based servers
- Additional device support, depending on customer feedback

### **Software**

- JAVA 1.8
- Large Disks (64b LBNs)
- GNV & CRTL (Application Portability)
- OMNI / OSAP
- gSOAP, Samba, PHP, git, OpenSSL

### **New File System**

- In addition to ODS-2 and ODS-5
- Eliminate 2TB volume size limit
- Faster create/delete
- Directory scalability
- 4 billion files per volume
- Fast crash recovery

## **OpenVMS V9.0**

### **Itanium & x86-64**

- Network stack performance
- Containers
- OpenJDK

### **Itanium**

Additional servers & I/O, depending on customer feedback

### **x86-64**

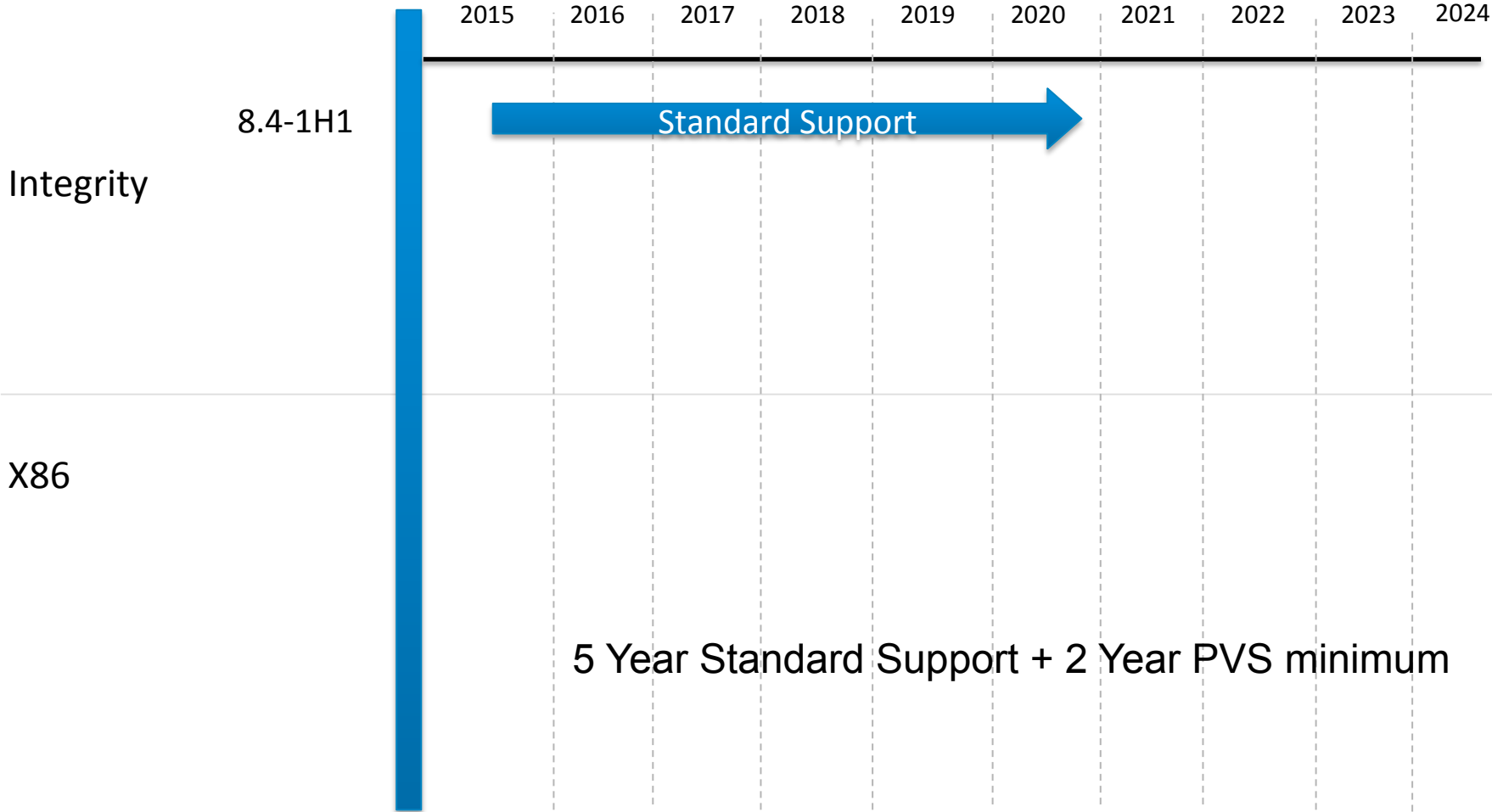
- Selected HP Servers (Intel and AMD)
- OpenVMS as a virtual machine guest
- Dynamic Binary Translator (Alpha/Itanium)
- Updated Language Standards
  - C
  - C++
  - FORTRAN

Multiple releases may occur between V8.4-2 and V9.0. The order in which various improvements are added to these releases will be determined by readiness, hardware availability, and customer feedback.

# Research Areas

- Virtual Machine Guest
  - kvm
  - xen
  - VMware
- Containers / Docker
- Hadoop
- Cloud
  - OpenStack
  - Rackspace
  - Apache jclouds
- Encryption
  - Communications
  - Data at Rest
- Alternative CLI

# VSI OpenVMS Service Roadmap

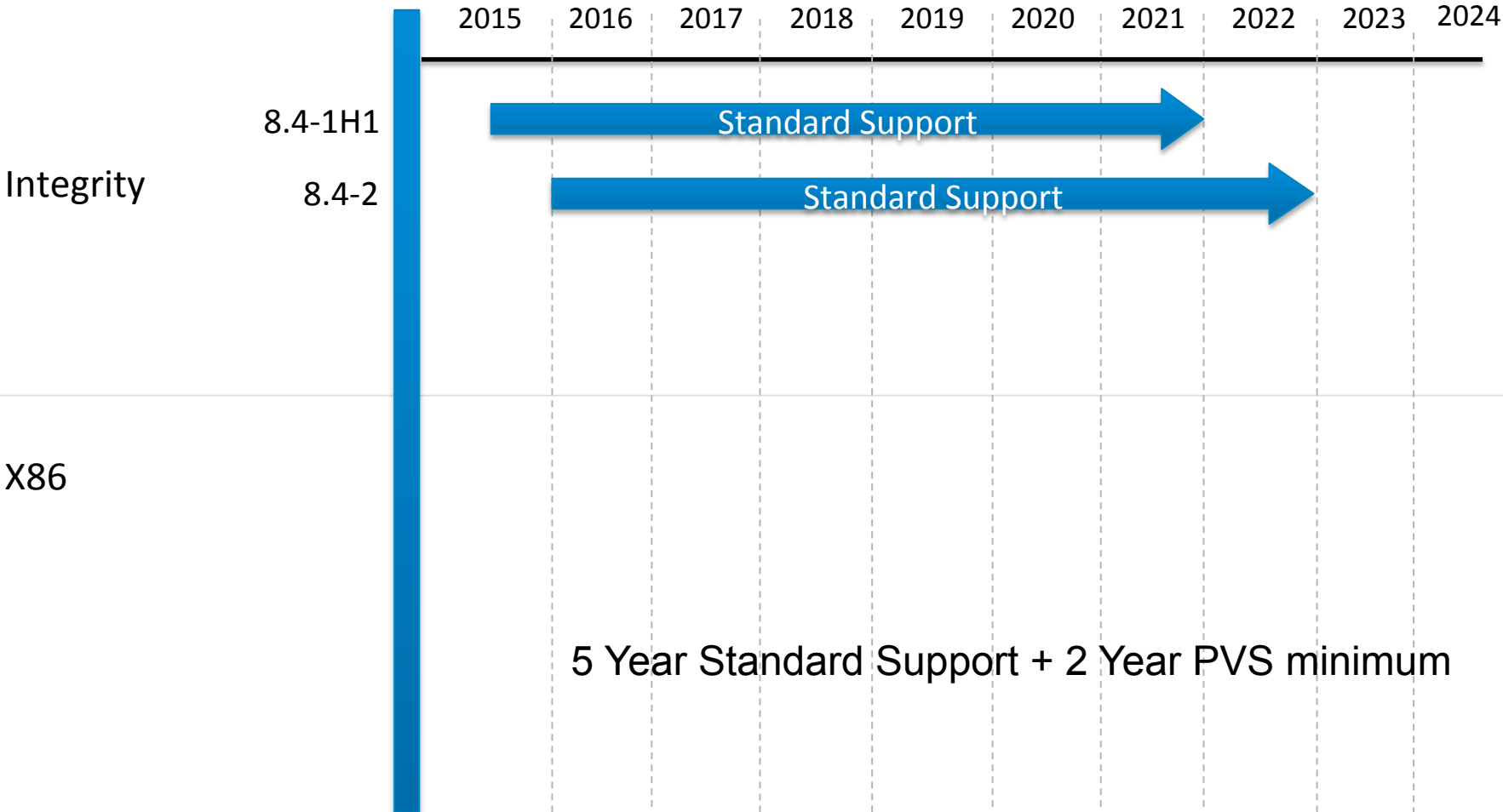


PVS – Prior Version Support without Sustaining Engineering  
\* 24 Month notice will be provided before support is ended

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# VSI OpenVMS Service Roadmap



5 Year Standard Support + 2 Year PVS minimum

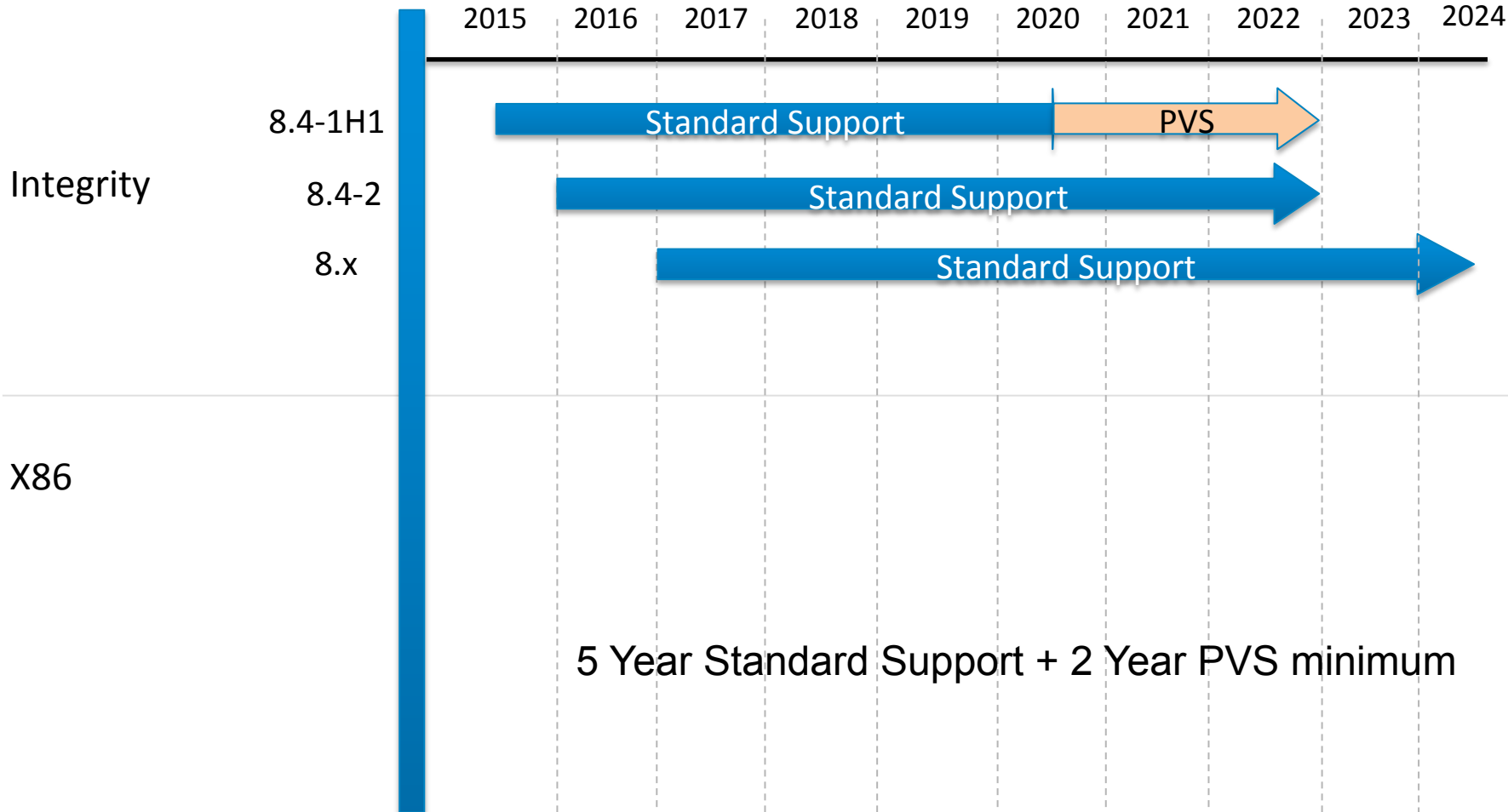
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# VSI OpenVMS Service Roadmap



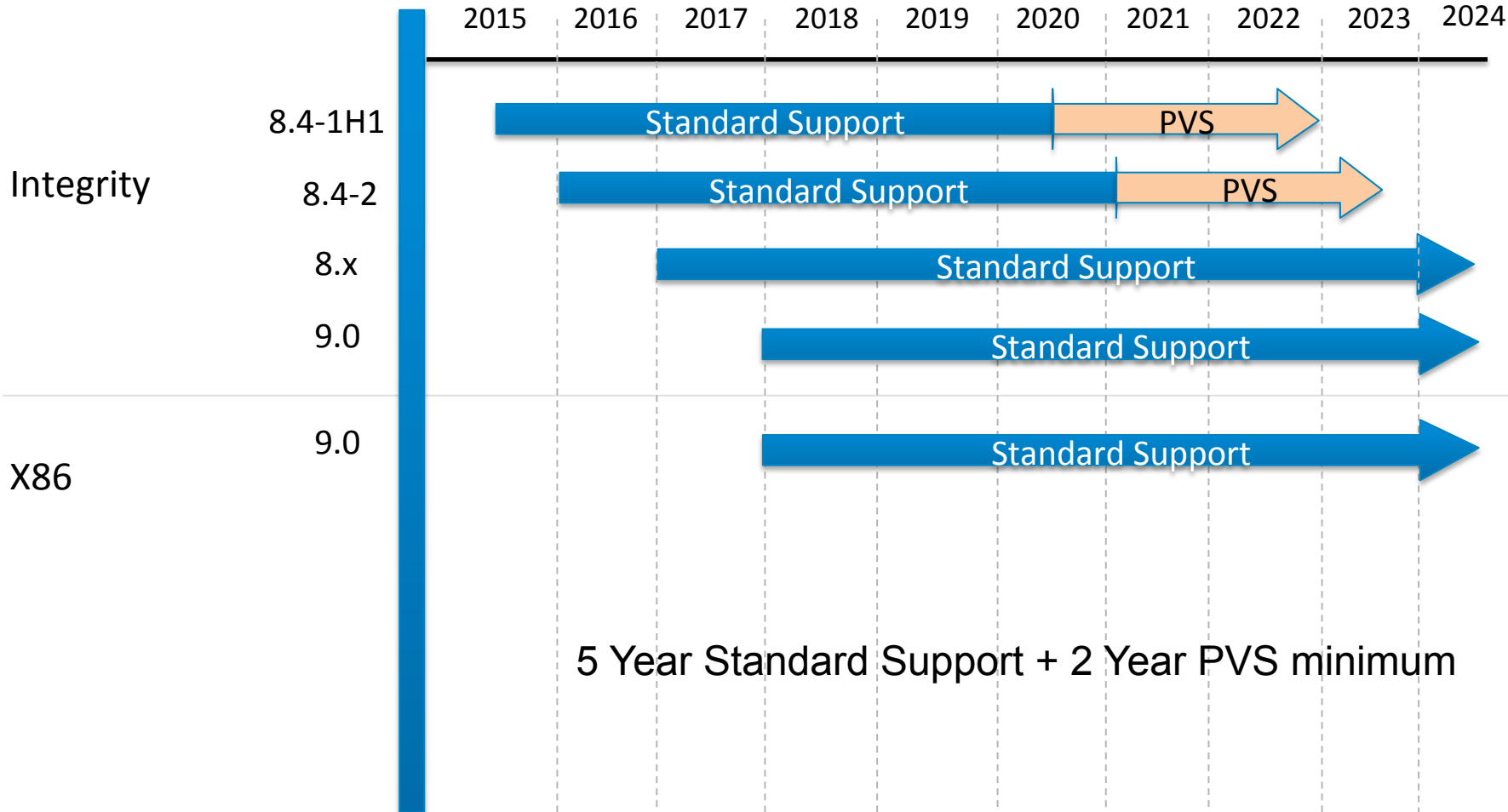
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For more information, please contact us at:

[RnD@vmssoftware.com](mailto:RnD@vmssoftware.com)

VMS Software, Inc. • 580 Main Street • Bolton MA 01740 • +1 978 451 0110