HPE Integrity servers and HP-UX public road map

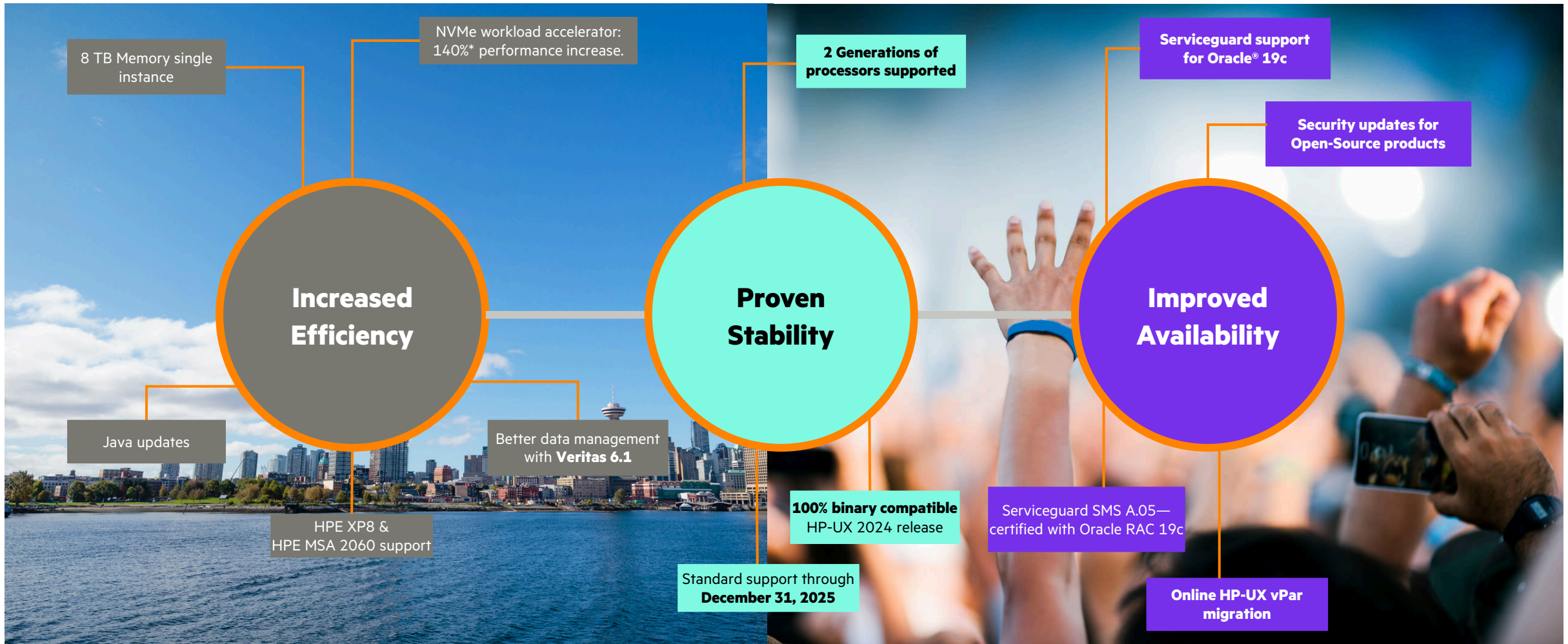**Hewlett Packard Enterprise**

October 2024

Forward-looking statements

- 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.

Increased value with HPE Integrity servers and HP-UX 11i v3

8 TB Memory single instance

NVMe workload accelerator: 140%* performance increase.

2 Generations of processors supported

Serviceguard support for Oracle® 19c

Security updates for Open-Source products

Increased Efficiency

Proven Stability

Improved Availability

Java updates

Better data management with **Veritas 6.1**

HPE XP8 & HPE MSA 2060 support

100% binary compatible HP-UX 2024 release

Serviceguard SMS A.05— certified with Oracle RAC 19c

Standard support through **December 31, 2025**

Online HP-UX vPar migration

* Based on HPE lab testing running TPC-H Power benchmark on HPE Superdome 2 (8-socket/64 core) server with Oracle 12c. These results are based on internal lab testing and not actual customer workloads

Business continuity with HPE Integrity / HP-UX and HPE Superdome Flex and Scale-up Servers running Linux®/Windows/VMware®

When customers require extreme reliability, performance, and availability

Advantage HP-UX

- **Seamless upgrade** with 100% binary compatible HP-UX 11i v3 May 2024 update release
- **Optimize storage utilization** with Veritas file system v6.1 new features
- **Increase availability with** Serviceguard support for Oracle DB 19c
- **Certified** SG SMS A.05 (based on Veritas 6.1) with Oracle RAC 19c
- **Refreshed open-source** products (Apache, PHP, BIND, JDK/JRE. . .)
- **Upgrade without downtime** using online VM migration from i2 to i6
- **Double data processing** capability with 8 TB single instance
- **Standard support for Integrity servers + HP-UX 11i v3 ends December 31, 2025**

Modernize with HPE Superdome Flex and Scale-up Servers

- **Make data seamless** across multi-generational, multi-Line of Business
- **Unlock trapped value** in critical legacy systems
- **Scale with ever-growing data** from edge to cloud
- **Speed insights** to restore competitive advantage
- **Regain data control** traded for cloud flexibility
- **Pay-as-you-go*** with HPE GreenLake
- **Choice of OS**—Linux, Windows, VMware, etc.

Don't let UNIX® to Linux migration hold you back—HPE can help

HPE Integrity Servers running HP-UX

HPE Integrity rx2800 i6 server

HPE Integrity Superdome 2

HPE Integrity BladeSystem BL8x0c

Resilient technology for Mission-critical workloads

HPE Superdome Flex and Scale-up Servers

Modular, reliable, and secure compute platforms that power critical applications, accelerate analytics, and tackle HPC and AI workloads holistically.

HP-UX 11i v3 May 2024 release—What's new. . .

Networking and Mass Storage Drivers:

- **10GigEthr-03 B.11.31.2303**: Updates the iocxgbe driver for 10 Gigabit Ethernet adapters and LOM hardware. Fixes network traffic interruption during auto-recovery.
- **FibrChanl-02 B.11.31.2305**: Enhances error management for PCIe-based 8 Gb and 4 Gb Fibre Channel HBAs.
- **RAID-01 B.11.31.2405**: Improves ciss driver behavior after lockup conditions, displaying the last lockup code in syslog.
- **32GbE SAN Switch Support**: Tested and qualified with the 32GbE SAN Switch. Compatible with certain c-Class Pass-Thru Modules.
- **Auto Port Aggregation with HPE FlexFabric/FlexNetwork**: tested and qualified with HPE FlexFabric/FlexNetwork 5900 CP and AF Switch Series

General System Administration:

- **Dynamic Root Disk (DRD)**: Fixes buffer exhaustion issue during DRD clone operations.
- **HPE System Management Homepage A.3.2.23.09**: Resolves issues related to auto-login and configuration reset after running smhconfig.
- **HP-UX OpenSSL A.03.00.11.001**: Based on OpenSSL version 3.0.11. Bundle includes earlier versions (1.1.1w, 1.0.2r, 0.9.8zf, 0.9.7m).

Internet and Networking

- **Apache based Web Server B.2.4.58.00**: Includes fixes for CVEs (Common Vulnerabilities and Exposures) and addresses a hang issue. Additional details are available on the product page at My HPE Software Center.
- **HP-UX PHP8 E.8.1.14.2**: Adds support for OpenSSL 3.0.11. Compatible with HP-UX Apache B.2.4.58.00 and later (requires HP-UX Web Server Suite 5.13 or later).
- **Name Server C.9.11.1.6.0**: Updated version of Name Server (BIND) with security fixes. Additional details are available on the product page at My HPE Software Center.

JDK/JRE version 8.0.27:

- Includes Oracle Java SE 8 Update 391 functionality.
- Addresses defects and security issues
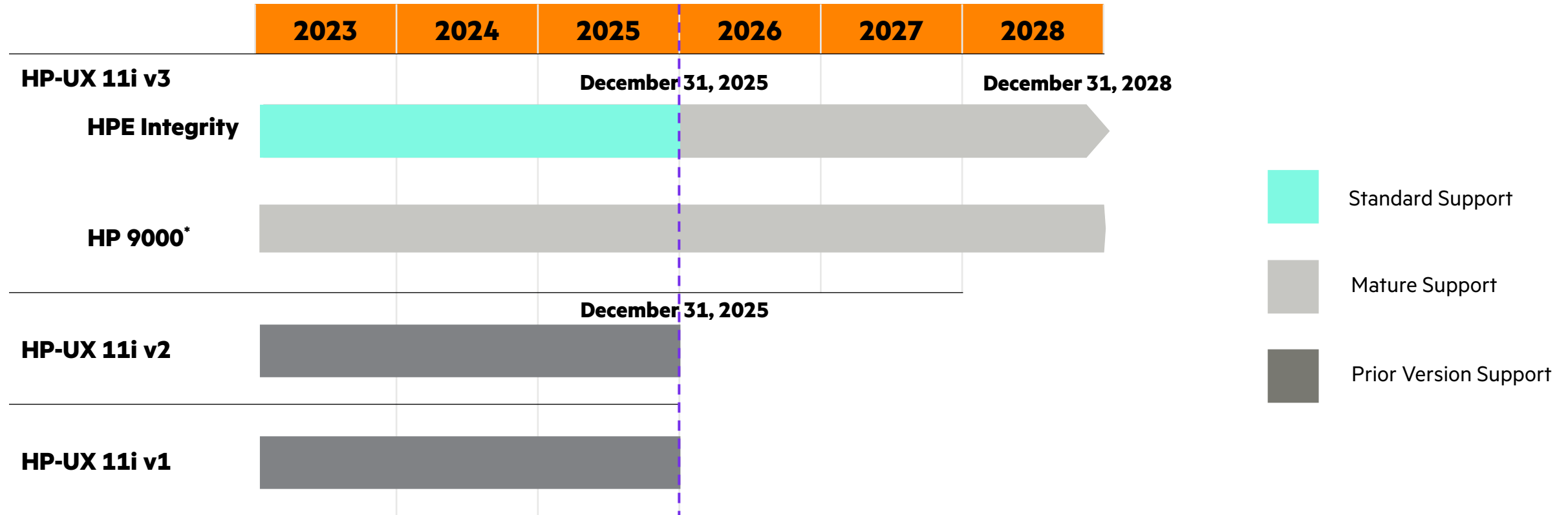
Other fixes:

- **HPE Integrity Firmware updates** for security vulnerabilities for HPE Superdome 2 released and separately available

For more details on "What's new" please refer to the "HP-UX 11i Version 3, Operating Environments Update Release, May 2024, Release Notes"

Futures

- Improvements/defect fixes to reliability and stability
- Open-source product and security updates
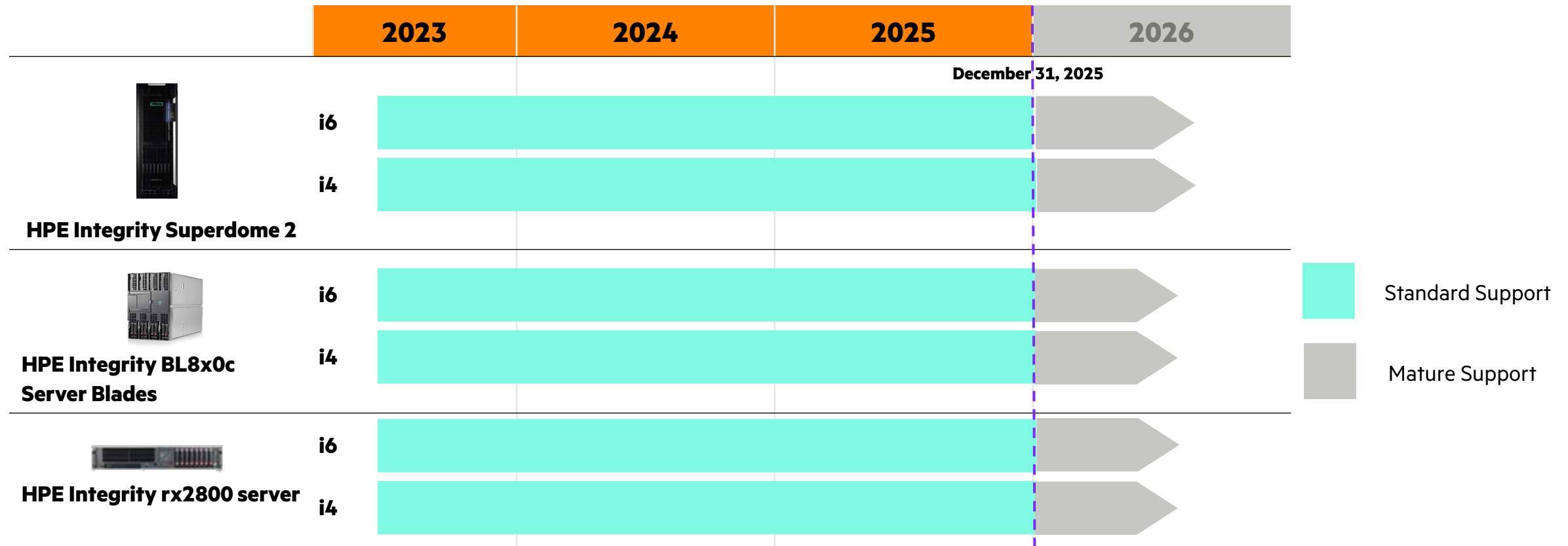- Firmware and security updates

HP-UX 11i Support Lifecycle

	2023	2024	2025	2026	2027	2028

HP-UX 11i v3

December 31, 2025   **December 31, 2028**

HPE Integrity

HP 9000*

December 31, 2025

HP-UX 11i v2

HP-UX 11i v1

Legend:
- Standard Support
- Mature Support
- Prior Version Support

Notes:

- HP-UX 11i v3 Standard support for HPE Integrity servers will end December 31, 2025
- HP-UX 11i v3 OEUR 2020 is the last supported version for HP 9000* servers
- HPE Mature Product and Prior Version Support are provided with and without Sustaining Engineering Support

HP-UX 11i v3 Support	Standard Support	Mature Support
Existing Patches	√	√
Patches for new issues	√	-
Security vulnerability fixes	√	-
Enhancements	√	-

* Products sold prior to the November 1, 2015 separation of Hewlett-Packard Company into Hewlett Packard Enterprise Company and HP Inc. may have older product names and model numbers that differ from current models.

HPE Integrity servers Support Lifecycle

	2023	**2024**	**2025**	**2026**

December 31, 2025

HPE Integrity Superdome 2
- i6
- i4

HPE Integrity BL8x0c Server Blades
- i6
- i4

HPE Integrity rx2800 server
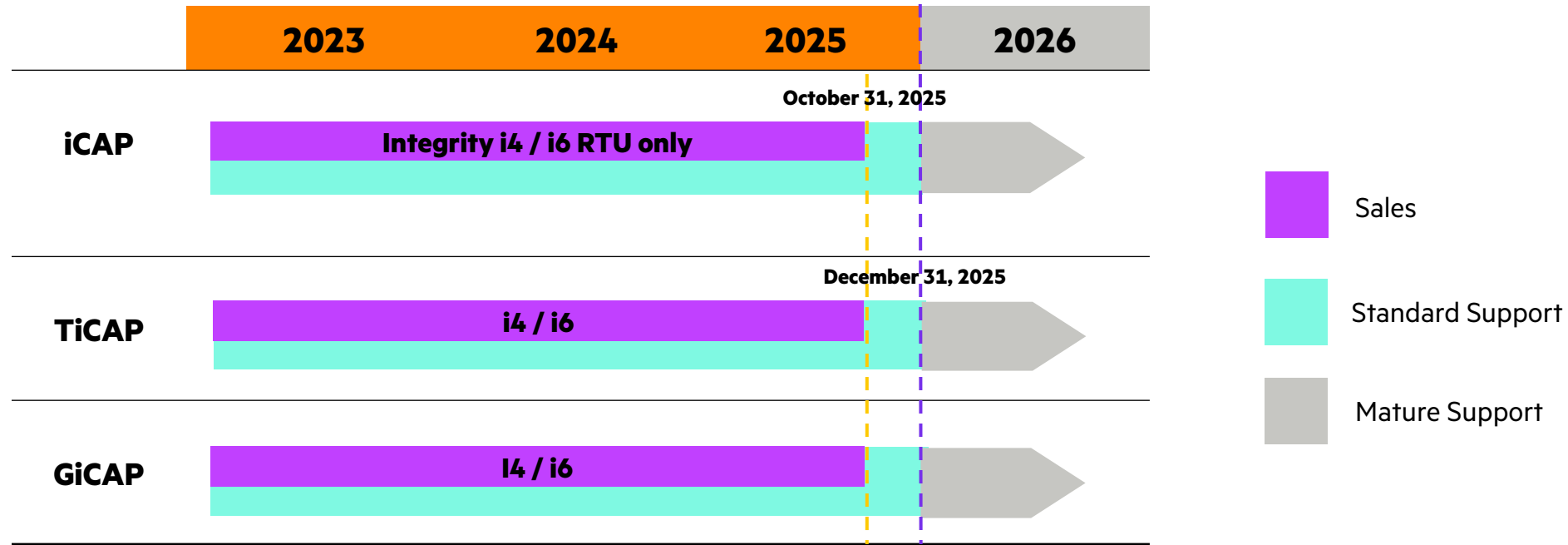- i6
- i4

Standard Support

Mature Support

Notes:

- Standard support for HPE Integrity servers will end December 31, 2025
- Beyond Standard support, HPE Services may provide HPE Mature Hardware Onsite Support Service dependent on HW spares availability
- Please contact your HPE Support representative for HW support
- The HPE Integrity servers and HP-UX support matrix can be found here

Integrity System Firmware*	Standard Support	Mature Support
Existing patches	√	√
Patches for new issues	√	-
Security vulnerability fixes	√	-
Parts replacement	√	√

* Integrity Firmware release sets define a supported Firmware combination of system firmware, HPE iLO, OA and Virtual Connect.

iCAP Sales and Support Lifecycle for HPE Integrity Superdome 2

	2023	2024	2025	2026

October 31, 2025

iCAP — Integrity i4 / i6 RTU only

December 31, 2025

TiCAP — i4 / i6

GiCAP — I4 / i6

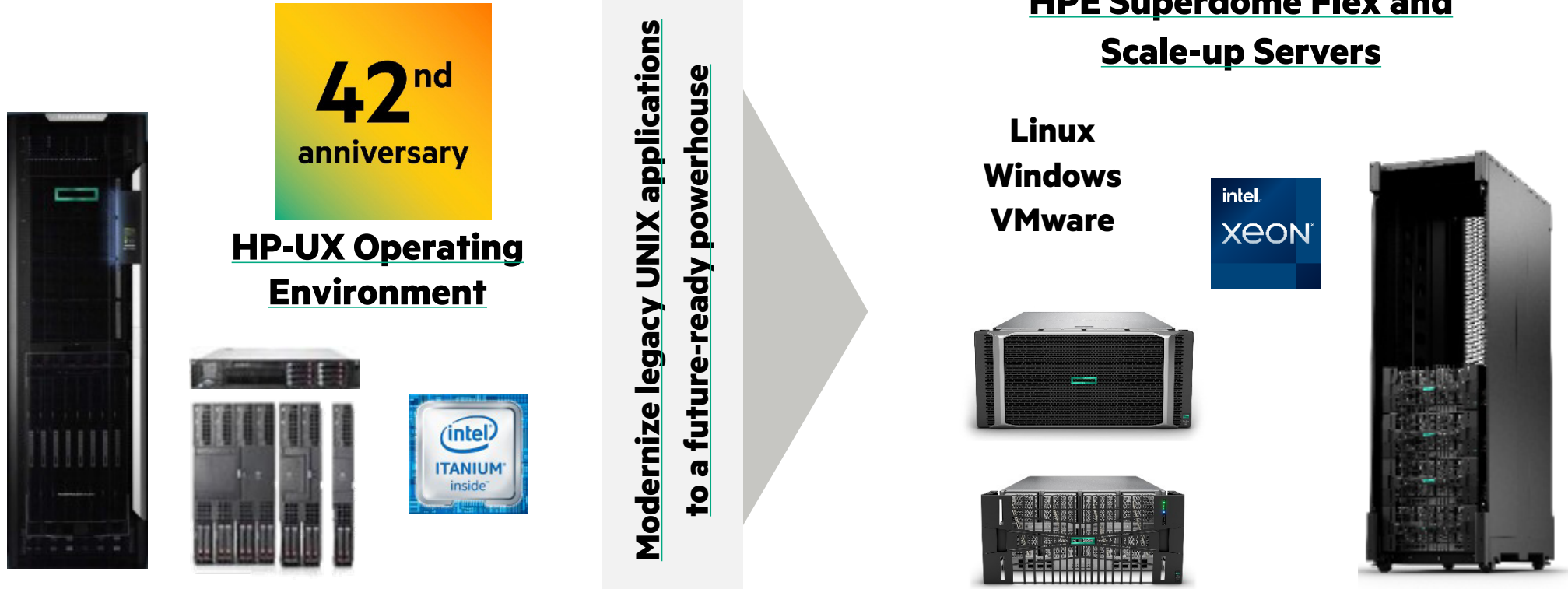**Legend:**
- Sales
- Standard Support
- Mature Support

Notes:
- HPE Integrity i4 and i6 iCAP CPU RTUs will be available for Sales and activation till October 31, 2025
- Temporary Instant Capacity (TiCAP) will be available for Sales and activation only till Oct 31, 2025
- HPE Instant Capacity (iCAP) hardware will be on standard Support till December 31, 2025
- HPE iCAP hardware follows the same Support lifecycle as HPE Integrity Superdome 2 server

Modernize legacy HPE Integrity/UNIX applications with Mission-critical HPE Superdome Flex and Scale-up Servers

42nd anniversary

HP-UX Operating Environment

intel ITANIUM inside

Modernize legacy UNIX applications to a future-ready powerhouse

HPE Superdome Flex and Scale-up Servers

Linux
Windows
VMware

intel xeon

| Achieve continuous operations | Higher ROI, Lower TCO | Highest security rating |

Thank you

Hewlett Packard
Enterprise