



Hewlett Packard
Enterprise

HPE Integrity Servers and HP-UX

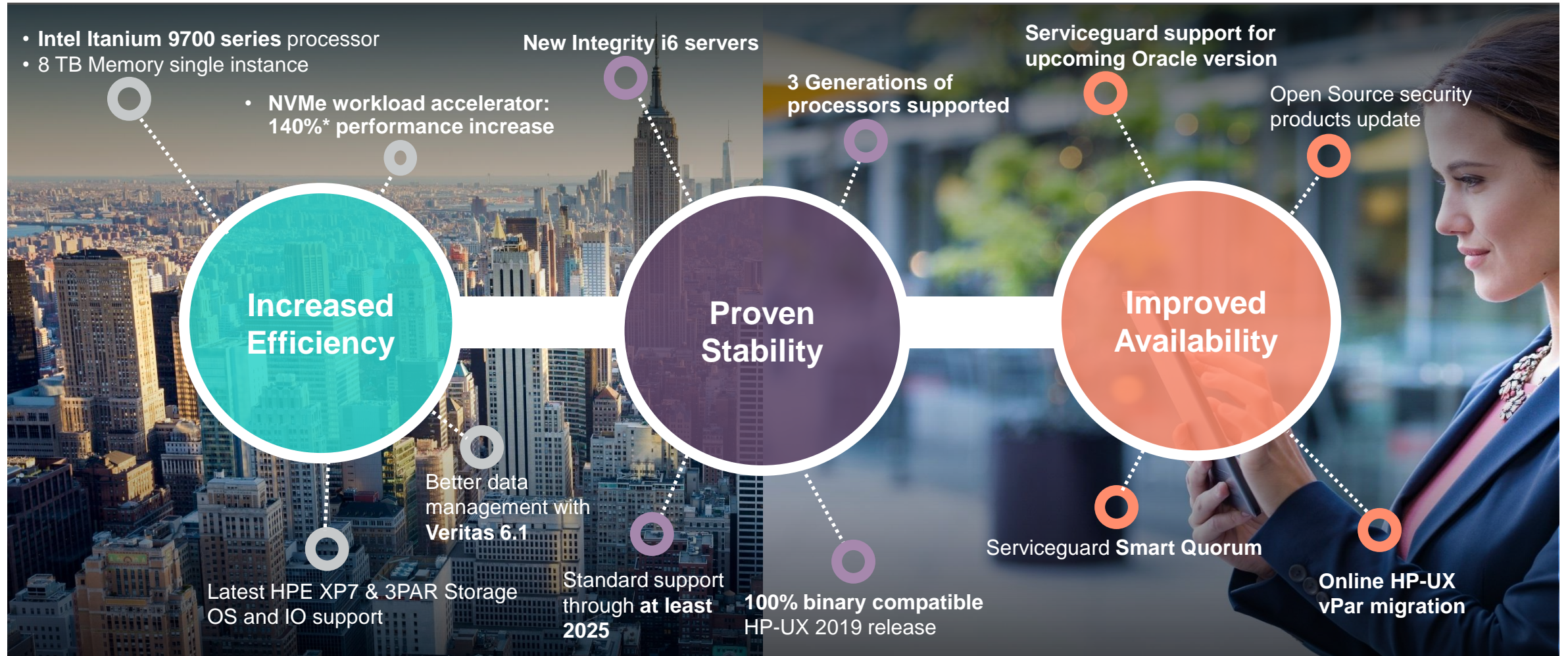
Public Roadmap

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.



Enhance the value of the HP-UX environment with Integrity i6 Servers and HP-UX 11i v3



Fast-track performance & efficiency with HPE Integrity i6 servers, HP-UX 11i v3, NVMe, and 3PAR All-Flash Arrays

Higher Performance

- With Itanium 9700 series processor (up to 2.66GHz)
- Up to 140%* **higher** with i6 servers and Intel **NVMe** workload accelerator
- Up to 200%** **higher** with i6 servers and **3PAR All-Flash** arrays

Lower TCO

- Up to 32%# **lower** when upgrading from i2 servers; up to 55%# **lower** with i6 and NVMe
- Support for SD2 CB900s i2, i4 and i6 server blades in **same enclosure**
- Standard support with Integrity i6 servers and HP-UX **at least through 2025**

Advantage HP-UX

- **Seamless upgrade** with 100% binary compatible HP-UX 11i v3 2019 update release
- **Optimize storage utilization** with Veritas FS v6.1 new features and new storage support
- **Enhance Oracle DB** capabilities with Oracle 12c R2 (SG, SGeRAC, SG SMS, ECMT)
- **Increase availability** with Smart Quorum and Asymmetric DR support in Serviceguard
- **Upgrade without downtime** using Online VM migration from i2 to i6
- **Double data processing** capability with 8TB single instance



HPE Superdome 2
with CB900s i6 Server
Blades



HPE Integrity rx2800 i6
server



HPE Integrity BL8x0c i6
server blade

**Resilient technology for your
most mission-critical data needs**

A vision that enables you to move forward with stability

HPE Integrity and HP-UX

Current

Modernize with HPE Integrity i6 servers & HP-UX 11i v3 2019 Update Release enhancements

Improve availability with:

- **Serviceguard Smart Quorum** considering health of server heartbeat network for surviving node
- **Online VM migration** to upgrade from i2 to i6 servers

Enhance NVMe 3D XPoint adapter 4800X with Oracle ASM support and integration with HP-UX manageability & debugging tools:

Increase security with CIFS V4.9 release & HP-UX Auditing System Extensions

Improve storage with 400 & 800 GB SSD support for rx2800 i6 & BL8x0c i6; store up to 30TB per cartridge with LTO-8; & seamlessly scale storage with MSL 3040

Future

NVMe 3D XPoint read cache support

Java 11 support

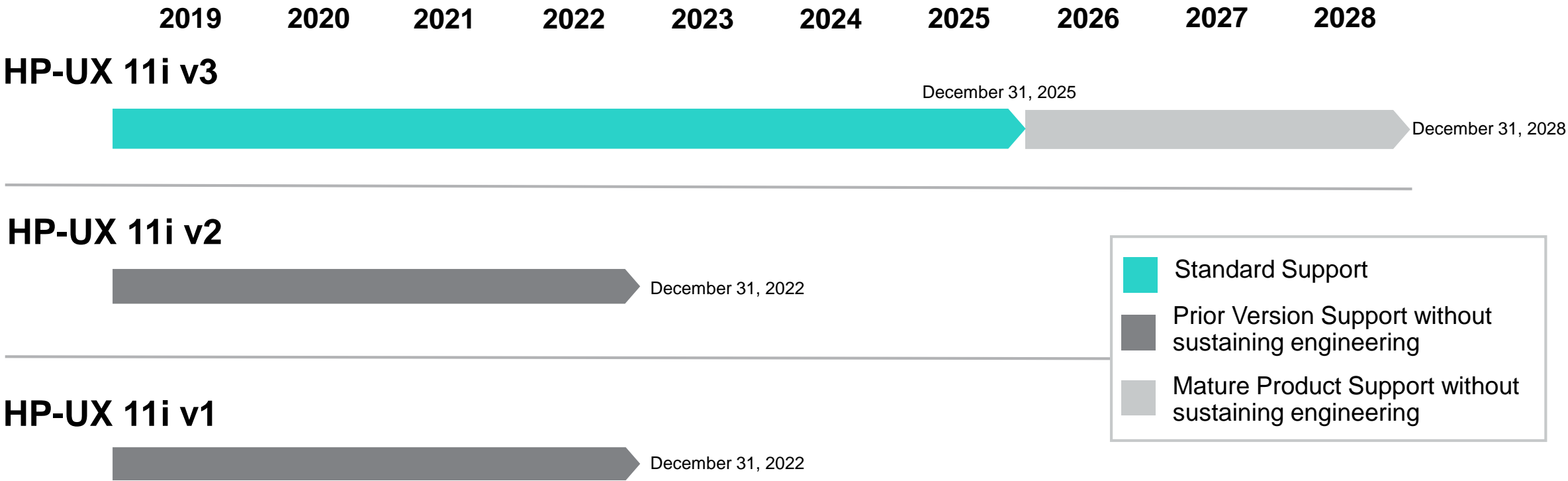
Enhancements for:

- **Serviceguard high availability** enhancements
- **HP-UX core, networking, virtualization**
- **I/O and storage updates**

Architecture Independence: containerize HP-UX on MCx86, new consumption models

Committed standard support through at least 2025

HP-UX 11i v3 support life-cycle

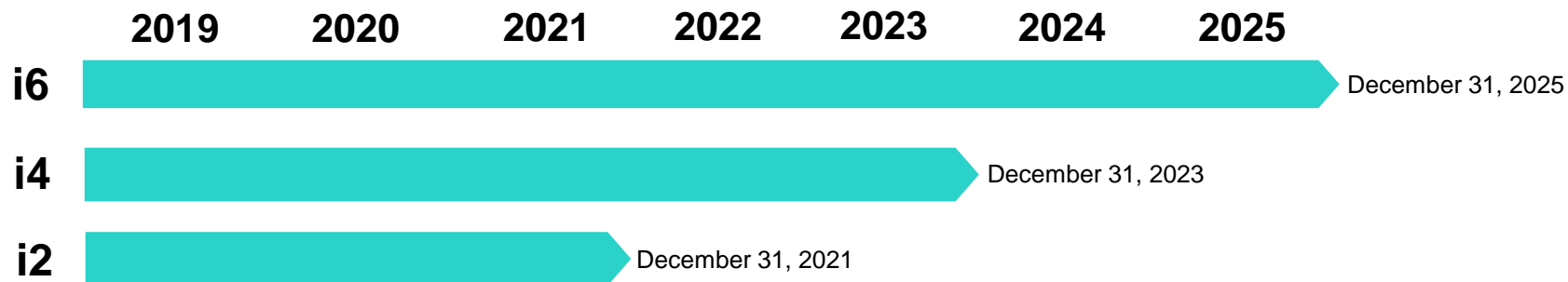


- HP-UX 11i v3 will be under Standard Support through at least December 31, 2025
 - Mature Product Support without sustaining engineering for HP-UX 11i v3 will start after Standard Support ends and will be offered for a minimum of 3 years
- HP-UX 11i v1 and HP-UX 11i v2 will be under Prior Version Support without sustaining engineering through at least December 31, 2022

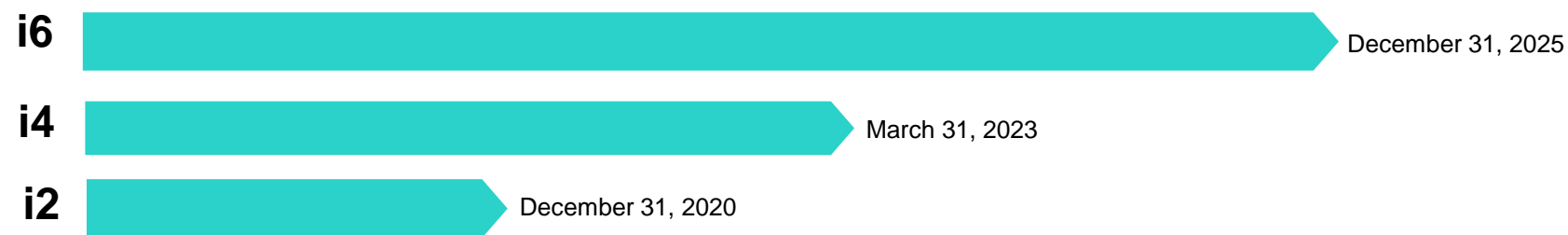
HPE Integrity servers for HP-UX support life-cycle



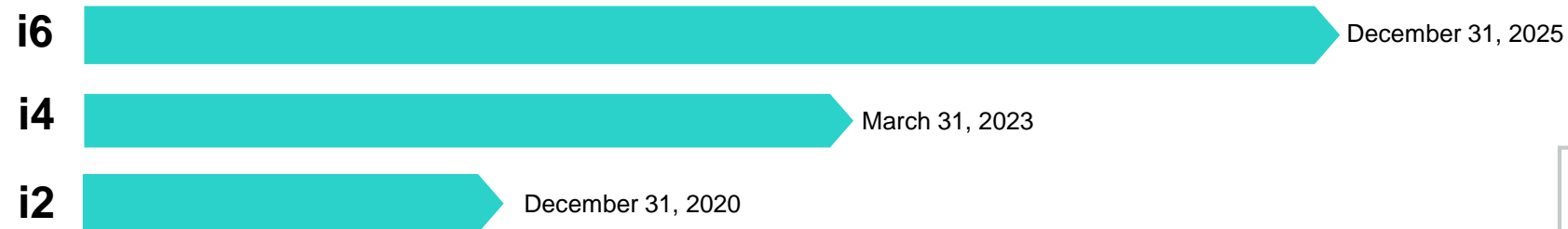
**HPE Integrity
Superdome 2**



**HPE Integrity BL8x0c
Blade Server**



**HPE Integrity
rx2800 server**



 **Standard
Support**

- Integrity i6 servers Standard Support will be available through at least December 31, 2025
 - A decision to extend hardware support beyond 2025 will be taken nearer to the end of the standard support period
- An external lifecycle and support matrix can be found at: www.hpe.com/info/hpuxservermatrix

Turbo boost workload performance up to 140%* on HP-UX

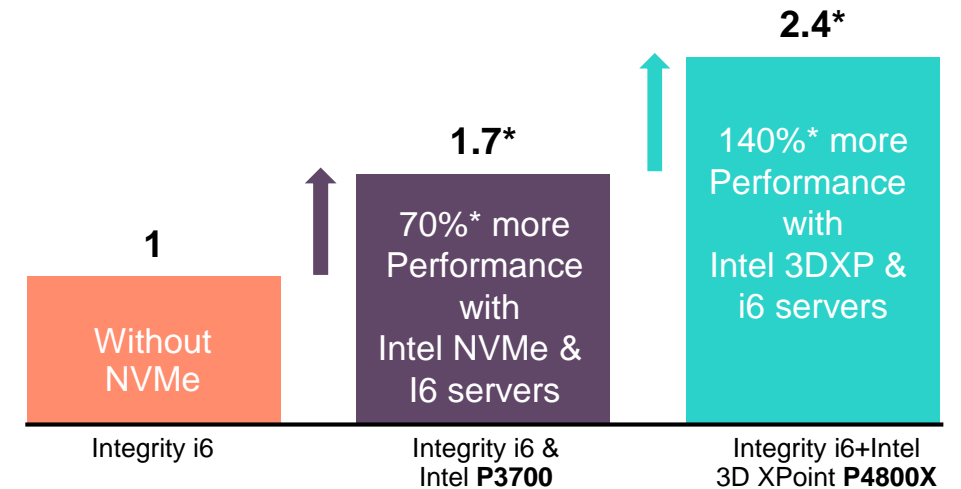
Integrity i6 servers and NVMe Workload Accelerator create Win-Win value

3D XPoint P4800X on HP-UX with rx2800 and SD2 i6



**Lower Total Cost of Ownership by up to 55%
for DSS data base applications!****

**Integrity i6 server + NVMe =
Increased performance + decreased cost!**



Top use cases for Workload Accelerator



Hot files, frequently
accessed data and
indexes for
database



Metadata, journaling,
temp and rollback for
database
applications



Security and
authentication



Billing in
Telco



Stock
trading

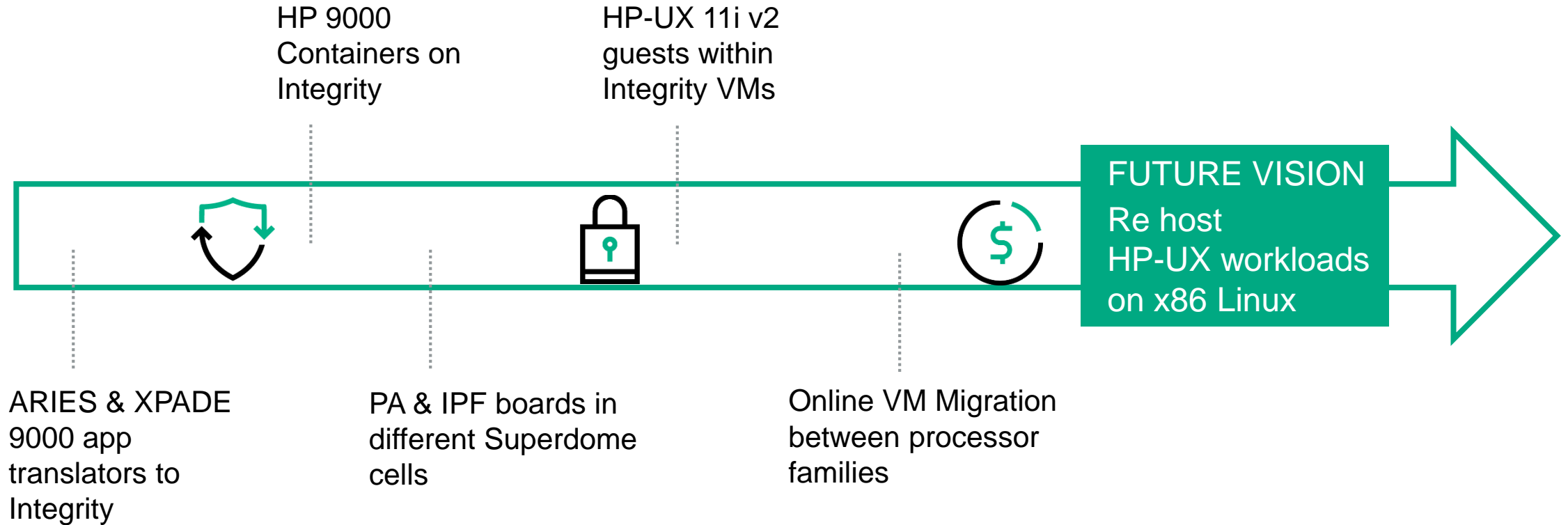


Batch



Analytic
workload –
Business
Intelligence

A way forward with HP-UX on Linux



HPE consistently provides you a way to move your mission-critical data forward



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Thank you