



Everything you wanted to know about hosting Hyperion EPM on OCI but were afraid to ask!

25 August 2021

Hosted by

Phil Brown, DSP-Explorer

Matthew Prior, AMOSCA

Your hosts for today



AMOSCA provides a range of Services, Support, Software and Solutions to help clients maximise their investment in the Oracle EPM product range – Hyperion EPM, EPM Cloud and Oracle Analytics.

www.amosca.co.uk



DSP-Explorer is an Enterprise Data and Cloud Platform MSP. Proudly specialising in Oracle, Microsoft and Multi-Cloud technologies.

www.dsp.co.uk

ORACLE

A multi-national computer technology company selling database software and technology, cloud engineered systems and enterprise software products.

www.oracle.com



ORACLE

Agenda

- The context
- Moving Hyperion EPM to the Cloud
- Customer examples and benefit highlights
- Q&A with our guest panellists

The context - applications

Applications Unlimited
Premier Support through December 2032 at least



The context - infrastructure

The challenges of Hyperion EPM on-premise

Managing hardware presents challenges



- Managing facilities and hardware is not strategic
- Refreshes are costly, risky and often deferred
- Difficult to scale quickly and constant capacity planning is burdensome

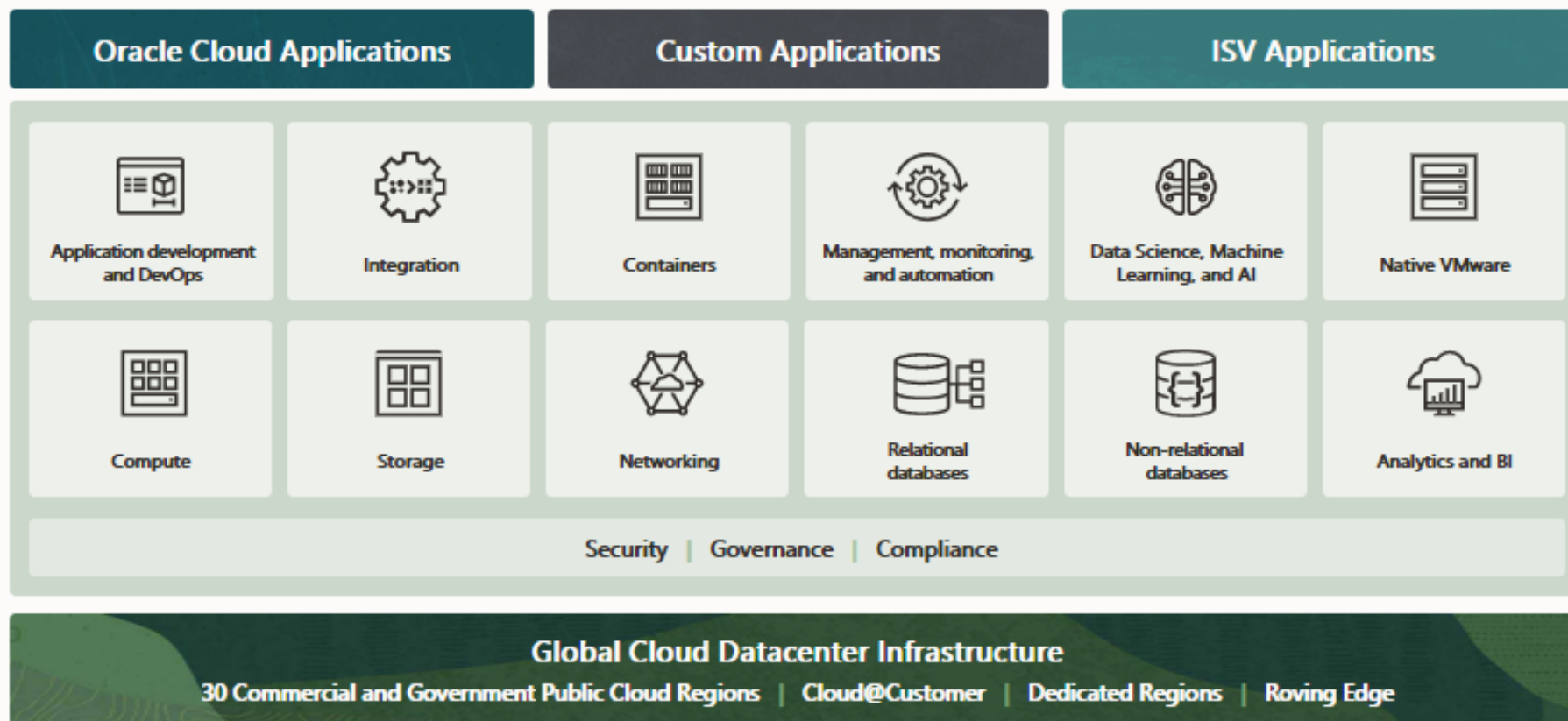
Challenges with keeping application updated



- Maintaining OS and database patches
- Accommodating new feature changes and integrations rapidly
- Lack ability to deploy new environments quickly

The context - infrastructure





OCI: A complete cloud infrastructure platform



The context – infrastructure & applications

Improved TCO for Oracle applications suite on the Oracle Cloud

Extended benefits for EBS, JDE, PSFT, and Hyperion vs. on-premises and other clouds

-  Lower TCO than on-premises and competing clouds
-  Superior performance backed by SLAs
-  Automate migration and lifecycle management
-  Unique capabilities enhance availability, security, and control

ORACLE[®]
E-Business Suite

ORACLE[®]
JD Edwards

ORACLE[®]
PeopleSoft

ORACLE[®]
Siebel

ORACLE[®]
Hyperion

Up to 45% lower 5yr. TCO vs. on-premises

Up to 63% lower 5yr. TCO vs. AWS

2-10X faster reporting speed

Migrate in **weeks**

Deploy in **hours** not days

Reasons to migrate

1 Hardware Refresh

- CapEx cost of new hardware
- Hardware lock-in (e.g. IBM)



2 Application Upgrades

- No hardware capacity to upgrade
- Moving to SaaS-based solution



3 Issues with Hosting Provider

- Cannot guarantee SLAs
- Renewal triggers cost increase



4 Mergers & Divestitures

- New cost center in different country
- New legal entity in different country



5 High Run & Maintain Costs

- Non-standardized infrastructure
- Old infrastructure – slow performance



6 Exit the Data Center

- Managing data center is not strategic
- Difficult to keep up with technology



7 DR/HA Requirements

- Change of regulatory requirements
- Business continuity requirements



8 Greenfield Implementation

- New application implementation
- New module implementation

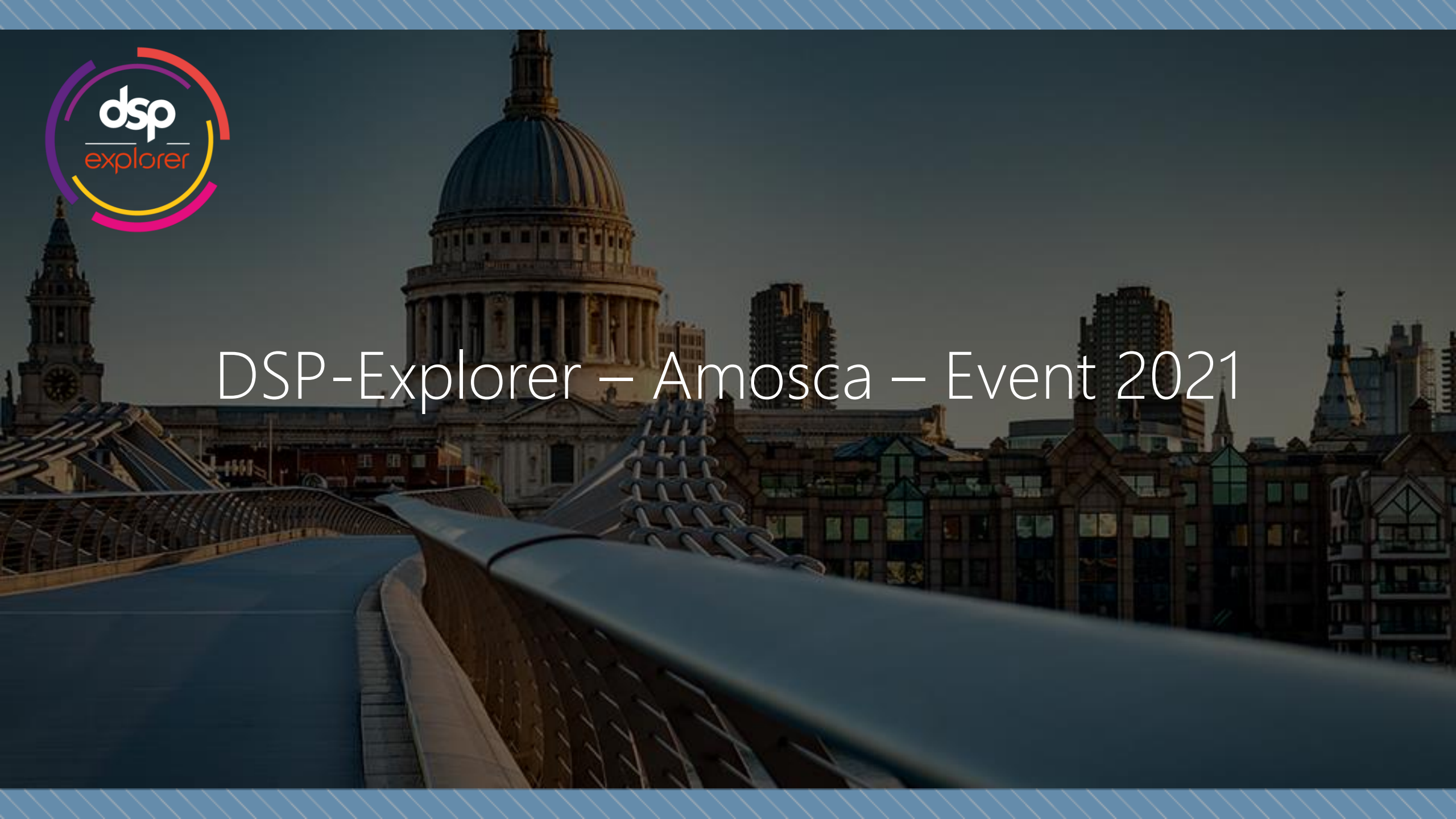


Moving Hyperion EPM to Cloud

Phil Brown
DSP-Explorer



DSP-Explorer – Amosca – Event 2021



DSP-Explorer – Heritage & Pedigree



20 years in business



24x7x365 Managed Services operation



Experienced Management Team



Enterprise-grade cloud architectures



Highly skilled consultants



Increased spotlight on innovation



200 clients, annuity focus



Tier 1 vendor relationships



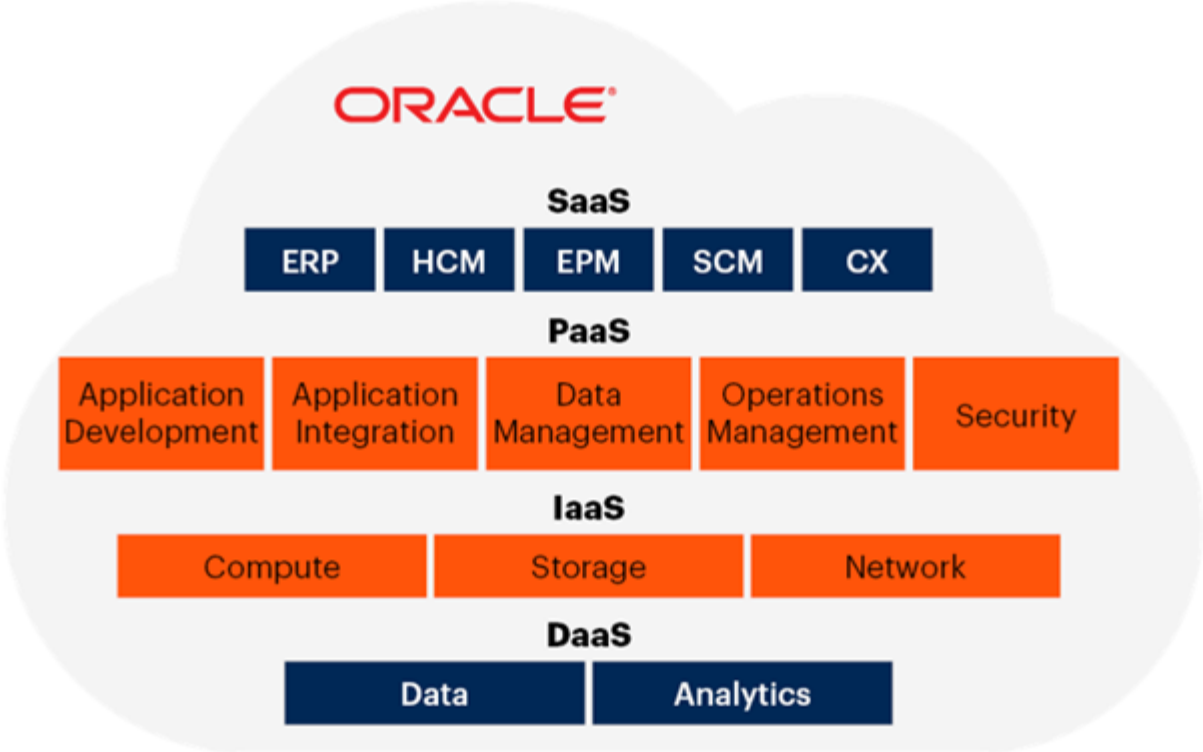
Gold Data Analytics
Gold Data Platform
Gold Cloud Platform



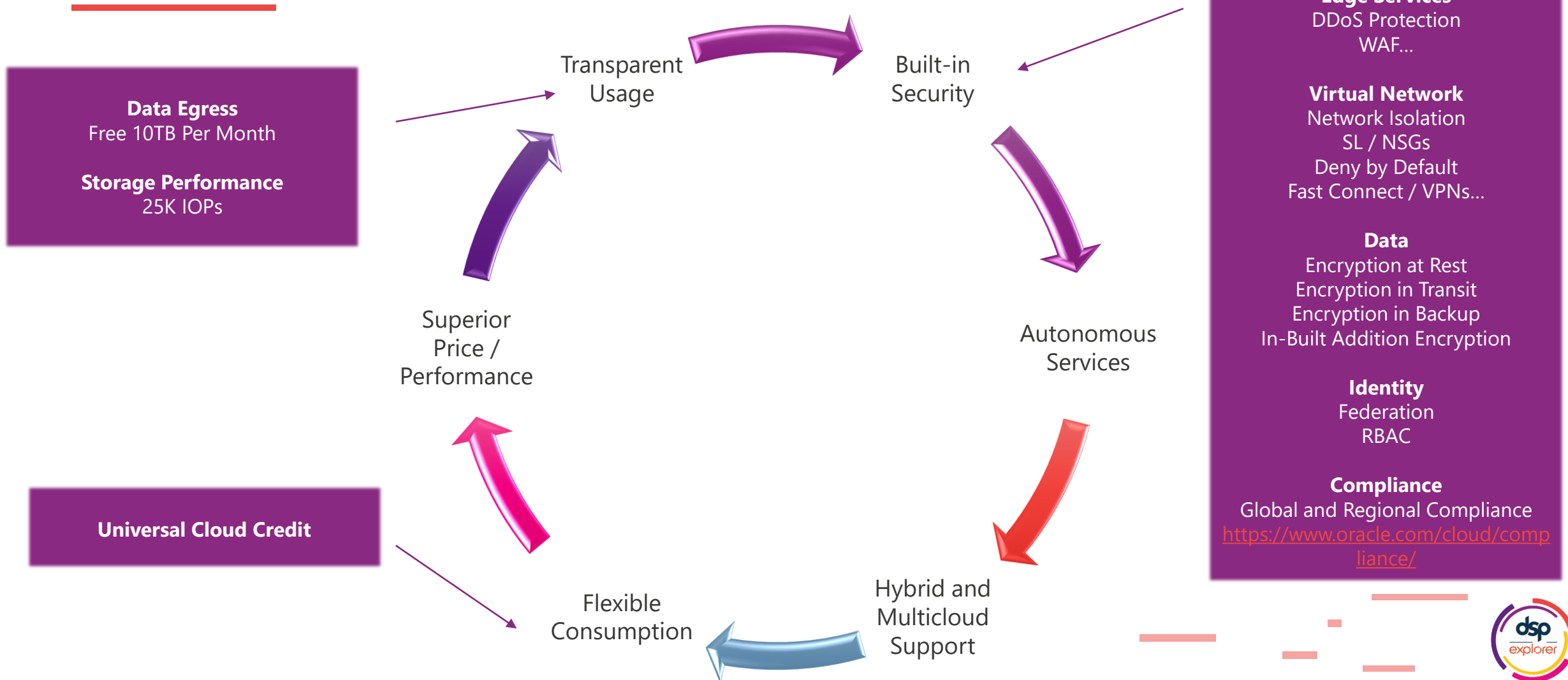
Partner



Moving Hyperion EPM to the Cloud – Why Oracle Cloud



Moving Hyperion EPM to the Cloud – Why Oracle Cloud



Moving Hyperion EPM to the Cloud – Why Oracle Cloud

Cost management

last checked Mon Jun 21 2021 19:13:21 UTC [Details](#)

£39 estimated savings*

Severity	Count
Critical	0
High	0
Medium	8
Low	0
Minor	0

Status	Count
Implemented	0
Pending	8

8 Recommendations

Cost management recommendations help you reduce costs by finding and adjusting resources that are underutilized. For example, cost management recommendations help you find underutilized compute instances, over-provisioned Autonomous Data Warehouse instances, unattached block volumes or boot volumes, and Object Storage buckets without lifecycle policy rules.

Security

last checked Tue Jun 22 2021 12:09:10 UTC [Details](#)

80 EXCELLENT security posture rating

Severity	Count
Critical	7
High	2
Medium	46
Low	8
Minor	18

81 Total

Problems by region

Region	Count
uk-london-1	81

Cloud Guard helps you monitor, identify, and maintain a strong security posture on Oracle Cloud. Use the service to examine your Oracle Cloud Infrastructure resources for security weakness and to examine your operators and users for risky behavior. Upon detection, Cloud Guard can suggest, assist, or take corrective actions, based on your configuration.

Moving Hyperion EPM to the Cloud – Why Upgrade into the Cloud

11.1.2.4.0

Windows 2012 / 2008

Oracle Linux 6

Oracle RDBMS 12.1

SQL Server 2012

Premier Support 2021

11.2

Windows 2019

Oracle Linux 7

Oracle RDBMS 12.2

SQL Server 2016

Premier Support 2032

*Ongoing release for all Defect Fixing,
3rd party certification updates, and
enhancements through at least 2032*



Moving Hyperion EPM to the Cloud – Why Upgrade into the Cloud

▼ Certification Results

Displaying Oracle Hyperion Financial Data Quality Management Enterprise Edition 11.1.2.4.0 Certifications. Group by

View [Share Link](#)

Certified With	Number of Releases / Versions
▼ Operating Systems (7 Items)	
HP-UX Itanium	1 Version (11.31)
IBM AIX on POWER Systems (64-bit)	2 Versions (7.1, 6.1)
Linux x86	6 Versions (SLES 11, SLES 10, Red Hat Enterprise Linux 5, Red Hat Enterprise Linux 4, Oracle Linux 5, Oracle Linux 4)
Linux x86-64	9 Versions (SLES 11, SLES 10, Red Hat Enterprise Linux 6, Red Hat Enterprise Linux 5, Red Hat Enterprise Linux 4, Oracle Linux 5, Oracle Linux 4, Oracle Linux 3, Oracle Linux 2, Oracle Linux 1, Oracle Linux Non-virtual)
Microsoft Windows (32-bit)	1 Version (2008)
Microsoft Windows x64 (64-bit)	4 Versions (2012 R2, 2012, 2008 R2, 2008)
Oracle Solaris on SPARC (64-bit)	2 Versions (11, 10)
> Application Servers (1 Item)	
▼ Databases (7 Items)	
IBM DB2	2 Releases (9.7, 9.5)
IBM Informix	1 Release (11.5+)
IBM Netezza NPS	1 Release (6.0)
Microsoft SQL Server	3 Releases (2012, 2008 R2, 2008)
MySQL Database Server	8 Releases (5.5.38, 5.5.37, 5.5.36, 5.5.35, 5.5.34, 5.5.33, 5.5.32, 5.5.14)
Oracle Database	9 Releases (12.1.0.2.0, 12.1.0.1.0, 11.2.0.4.0, 11.2.0.3.0, 11.2.0.2.0, 11.2.0.1.0, 11.1.0.7.0, 10.2.0.5.0, 10.2.0.4.0)
Sybase Adaptive Server Enterprise	1 Release (15.0.*)
> Desktop Applications, Browsers and Clients (3 Items)	
> Directory/LDAP Services (1 Item)	
> Management and Development Tools (1 Item)	
> Middleware (4 Items)	



Moving Hyperion EPM to the Cloud – Migrate with DSP-Explorer and Amosca

ORACLE | Service Partner

Expertise in
**Oracle Cloud Platform
 Data Management -
 Autonomous (ADW/ATP)**
 in EMEA-UK & Ireland

ORACLE | Service Partner

Expertise in
**MSE: Oracle Cloud Platform -
 Oracle Cloud Platform Data
 Management**
 in EMEA-UK & Ireland

ORACLE | Service Partner

Expertise in
**Oracle Database Performance
 and Tuning**
 in EMEA-UK & Ireland

ORACLE | Service Partner

Expertise in
Oracle Database to Oracle Cloud
 in EMEA-UKIE

ORACLE | Service Partner

Expertise in
Oracle Database Appliance
 in EMEA-UK & Ireland

ORACLE | Service Partner

Expertise in
**CSPE: Oracle Cloud Platform -
 Oracle Cloud Platform Data
 Management**
 in EMEA-UK & Ireland

ORACLE | Service Partner

Expertise in
**CSPE: Oracle Cloud Platform -
 Oracle Database to Oracle Cloud**
 in EMEA-UK & Ireland

ORACLE | Service Partner

Expertise in
**MSE: Oracle Cloud Platform -
 Oracle Database to Oracle Cloud**
 in EMEA-UK & Ireland

ORACLE | Partner



- 1st EMEA Partner Advanced Expertise
- 1st EMEA Partner OPN Accredited
- Oracle and Microsoft CSP



Analytics



Our mission is to provide our customers with pragmatic and reliable advice, services, and solutions to enable them to maximize their investment in Oracle EPM systems.



EPM



Moving Hyperion EPM to the Cloud – Organisational Goals



Hyperion EPM Users

Cloud Strategies

Ageing Hardware

Capex Investment

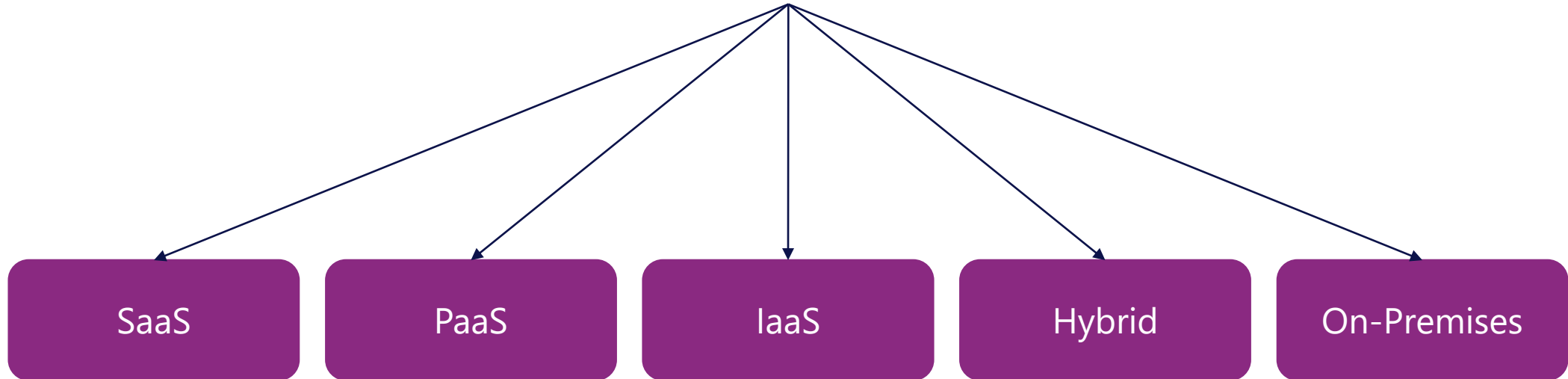
Data Security

Cloud Agility

Organisation Goals

Moving Hyperion EPM to the Cloud – Cloud Strategies

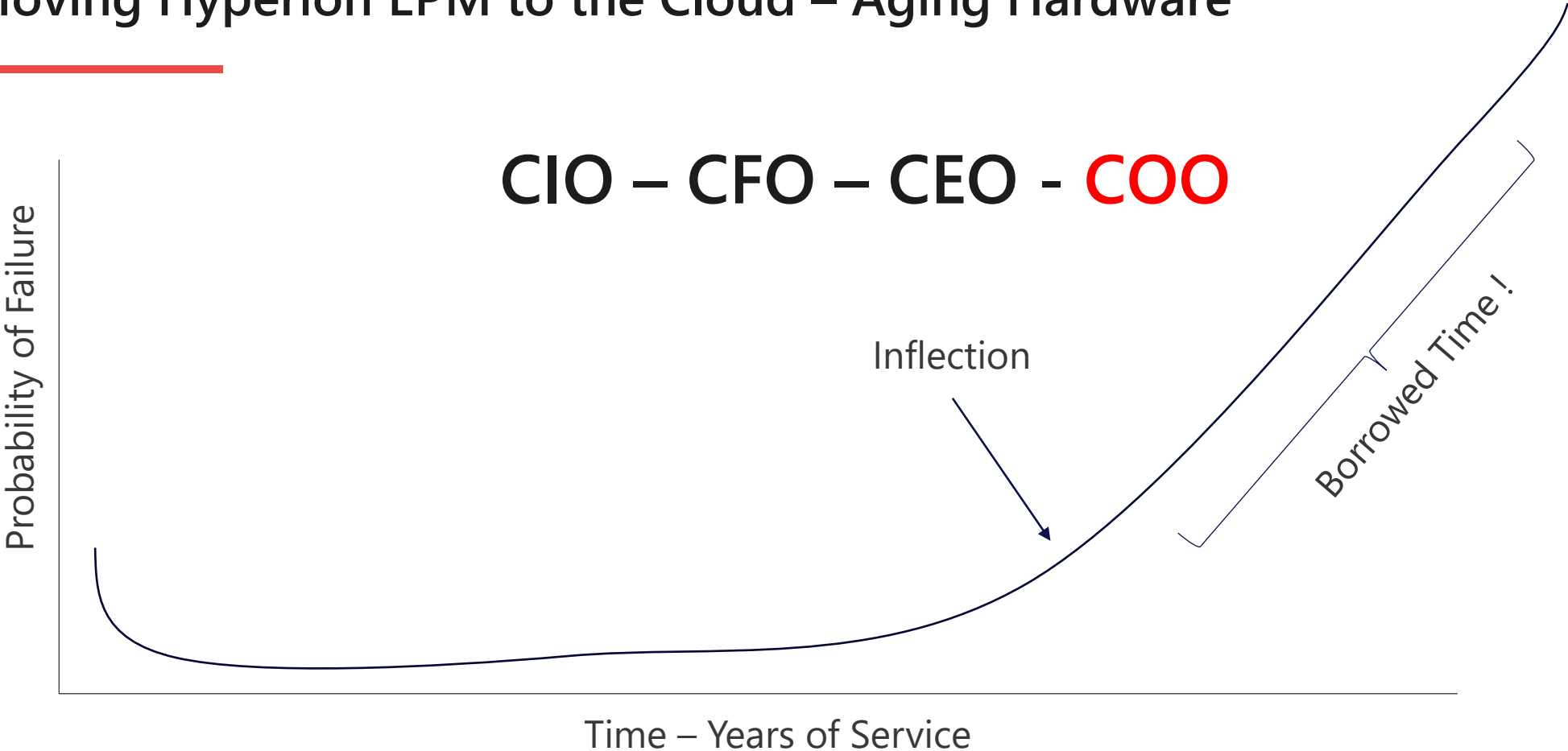
CIO – CFO – CEO - COO



Moving Hyperion EPM to the Cloud – Aging Hardware



CIO – CFO – CEO - COO



Moving Hyperion EPM to the Cloud – Capex Investment

Hardware

Software

Maintenance

On-Premises Capex

Consumption Based

PAYG

Reduces 'Just in Case' purchases

Cloud Opex

CIO – CFO – CEO – COO



Moving Hyperion EPM to the Cloud – Data Security

CIO – CFO – CEO – COO



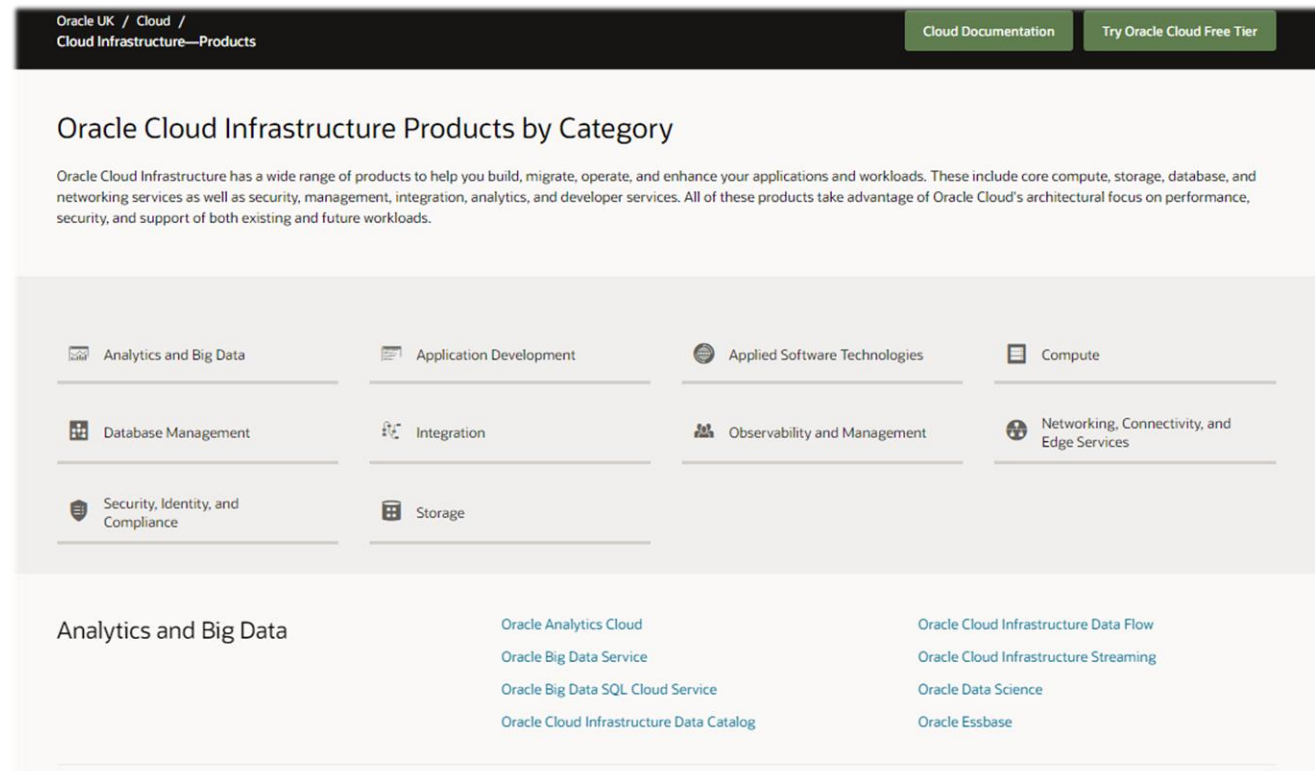
On-Premises Security



Cloud Security

Moving Hyperion EPM to the Cloud – Cloud Agility

CIO – CFO – CEO – COO



The screenshot shows the Oracle Cloud Infrastructure (OCI) website's product category page. At the top, there is a navigation bar with 'Oracle UK / Cloud / Cloud Infrastructure—Products' on the left, and 'Cloud Documentation' and 'Try Oracle Cloud Free Tier' buttons on the right. The main heading is 'Oracle Cloud Infrastructure Products by Category'. Below this, a paragraph describes the wide range of products available. The page is organized into a grid of product categories, each with an icon and a title. The 'Analytics and Big Data' category is expanded, showing a list of specific services.

Oracle UK / Cloud / Cloud Infrastructure—Products [Cloud Documentation](#) [Try Oracle Cloud Free Tier](#)

Oracle Cloud Infrastructure Products by Category

Oracle Cloud Infrastructure has a wide range of products to help you build, migrate, operate, and enhance your applications and workloads. These include core compute, storage, database, and networking services as well as security, management, integration, analytics, and developer services. All of these products take advantage of Oracle Cloud's architectural focus on performance, security, and support of both existing and future workloads.

- Analytics and Big Data
- Application Development
- Applied Software Technologies
- Compute
- Database Management
- Integration
- Observability and Management
- Networking, Connectivity, and Edge Services
- Security, Identity, and Compliance
- Storage

Analytics and Big Data

- [Oracle Analytics Cloud](#)
- [Oracle Big Data Service](#)
- [Oracle Big Data SQL Cloud Service](#)
- [Oracle Cloud Infrastructure Data Catalog](#)
- [Oracle Cloud Infrastructure Data Flow](#)
- [Oracle Cloud Infrastructure Streaming](#)
- [Oracle Data Science](#)
- [Oracle Essbase](#)



Moving Hyperion EPM to the Cloud – Cloud Myth Busting – It's insecure

Why do we perceive this problem?

Shared Responsibility Model

Show me how it can be secure!

What about Security in the Cloud?

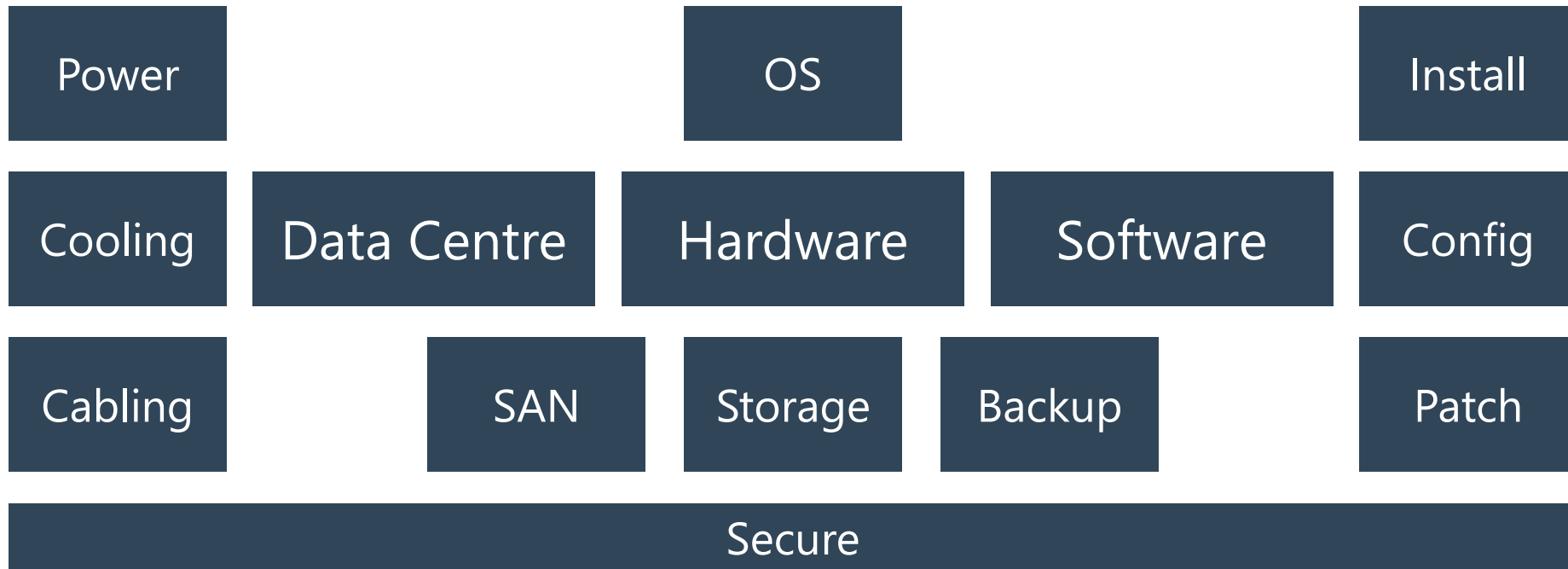
Moving the crown jewels to the Cloud...are you nuts?

CJIS - Criminal Justice Information Services	+
Cyber Essentials Plus	+
DISA SRG - Defense Information Systems Agency, Security Requirements Guide	+
FedRAMP - Federal Risk and Authorization Management Program	+
FIPS 140-2 - Federal Information Processing Standards	+
FISC - Financial Industry Regulatory Authority	+
GDPR - General Data Protection Regulation	+
HIPAA - Health Insurance Portability and Accountability Act	+
IRS 1075 - Internal Revenue Service	+
ISO/IEC 27001:2013 - International Standard for Information Security Management Systems	+
ISO/IEC 27017:2015 - Code of Practice for Information Security Management Systems for Cloud Services	+
ISO/IEC 27018:2014 - Code of Practice for Protection of Personal Information in Cloud Services	+
MARS-E - Minimum Acceptable Risk Standard - Enterprise	+
NIST 800-171/DFARS 252.7011-7013, Regulation Supplement 252.7011-7013	+
PCI DSS - Payment Card Industry Data Security Standard	+
PIPEDA - Canadian Personal Information Protection and Electronic Documents Act	+
SOC 1 - System and Organization Controls 1	+
SOC 2 - System and Organization Controls 2	+
SOC 3 - System and Organization Controls 3	+

VPNs
Encryption at Rest
Network Firewalls
WAF
Security Analytics
PaaS
Encrypted Backups
Host Firewalls

Moving Hyperion EPM to the Cloud – Cloud Myth Busting – It's complicated

Democratisation of Technology



Point and Click

Cloud sounds complicated we need simplicity 🙄



Moving Hyperion EPM to the Cloud – Cloud Myth Busting – It's expensive

TCO of Cloud...v's On-Premises

Resources = Costs

How can we stick to a Cloud budget

How about a 'service cost'?



Managed Cloud

Providing the automation, expertise and support for Oracle, Microsoft and Amazon Cloud Platforms.

Oracle
Budgets
Managing Budgets
Managing Budget Alert Rules
Budgets Overview

I'll give it six months and then it will get expensive....

Moving Hyperion EPM to the Cloud – Cloud Myth Busting – I'm trapped



Which one of the following is easier to reverse a decision on:

100K investment in a new hardware project?

3K per month PAYG Cloud subscription?

Customer Examples & Benefit Highlights

Oracle Cloud Infrastructure serves global brands across industries

Automotive | Financial Services | High Technology | Healthcare | Retail | Industrial Manufacturing & Industry Segments | Education (K-12)



NISSAN
MOTOR CORPORATION

SIEMENS



zoom

8x8

NRI



Dropbox

sas



Murad

workforce
SOFTWARE



Rotary
INTERNATIONAL

CISCO

entel

nationalgrid



WD Western
Digital

OPTIMIZE

Alliance Data moves Oracle workloads to gain cloud agility and scalability

- Data provider for leading consumer marketing and loyalty programs
- Over \$1M savings in first year by running Oracle Hyperion, PeopleSoft, OBIEE, and Exadata on OCI
- Moved 6TB of mission critical data to Oracle Cloud Infrastructure
- 50% the cost to run Hyperion versus with competing cloud
- 30-50% increase in performance
- Zero business interruption in 5-month transition



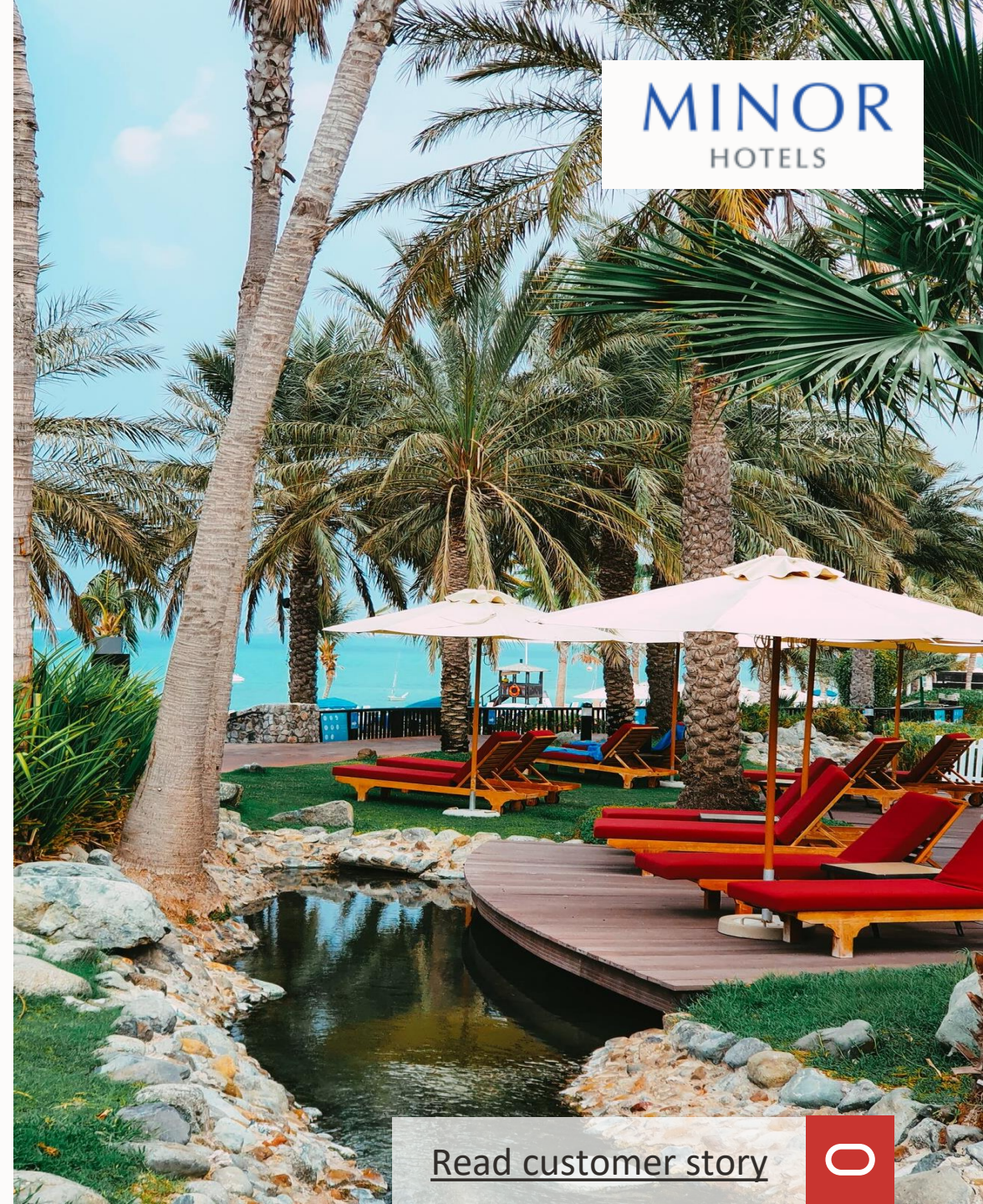
MOVE

Minor Hotels improves business continuity with Oracle Cloud

- Major Thai international hotel owner, operator, and investor with 535 hotels in 55 countries
- Challenged by the maintenance and cost of existing IBM managed services environment
- Moved Oracle Hyperion, Oracle E-Business Suite, and Oracle Business Intelligence Enterprise Edition (OBIEE) to OCI to take better advantage of rapid change and growth
- Improved business continuity RTO and RPO from 24 hours to 2 hours
- Increased automation with OCI Resource Manager and EBS Cloud Manager
- Met GDPR requirements with mission-critical applications on OCI



MINOR
HOTELS



EXTEND

FLSmidth moving to a greener future with Public Cloud

- Danish multinational engineering company providing global cement and mineral industries with factories, machinery, services and know-how
- Aspired to reduce carbon footprint
- Moved to the public cloud for flexibility and elasticity, as well as leveraging innovation within the cement and mining industry
- Migration of applications and platforms to Public Cloud seamlessly in one weekend



Closer to home....

- Whitbread
- Anglo American
- Thungela
- Financial Times
- Tindall Riley

WHITBREAD



thungela



TINDALL RILEY
TRUSTED SINCE 1855

OCI and Hyperion 11.2 upgrades

- Technical installation - therefore new hardware required
- Hyperion 11.2.x certified by Oracle on OCI

Oracle and its partners make it easy to move to the cloud

Maximize TCO, minimize risk, accelerate your success

Flexible licensing, Volume discounts

Bring Your Own License

BYOL from on-prem to OCI

Extend your Oracle apps support to the cloud

Universal Credits

Credits that can be used for any infrastructure or platform services worldwide

Volume discounts

Ability to ramp consumption, and increase predictability

Easy to migrate, no re-architecture, strong SLAs

No Re-Architecture

Application and data move as-is

Keep customizations, integrations

No retraining required

Availability, Performance, and Manageability SLAs

Including high performance compute, block volume, object storage, and FastConnect

The first major cloud vendor to guarantee performance

Oracle Cloud Lift

White glove services to help you move and go-live at no additional cost

Business Case Development

Architecture Design

Network/Security Review

Onboarding

Migration

Training

Go-Live Support

Oracle Support Rewards

Earn rewards to reduce your tech license support bill, even down to zero

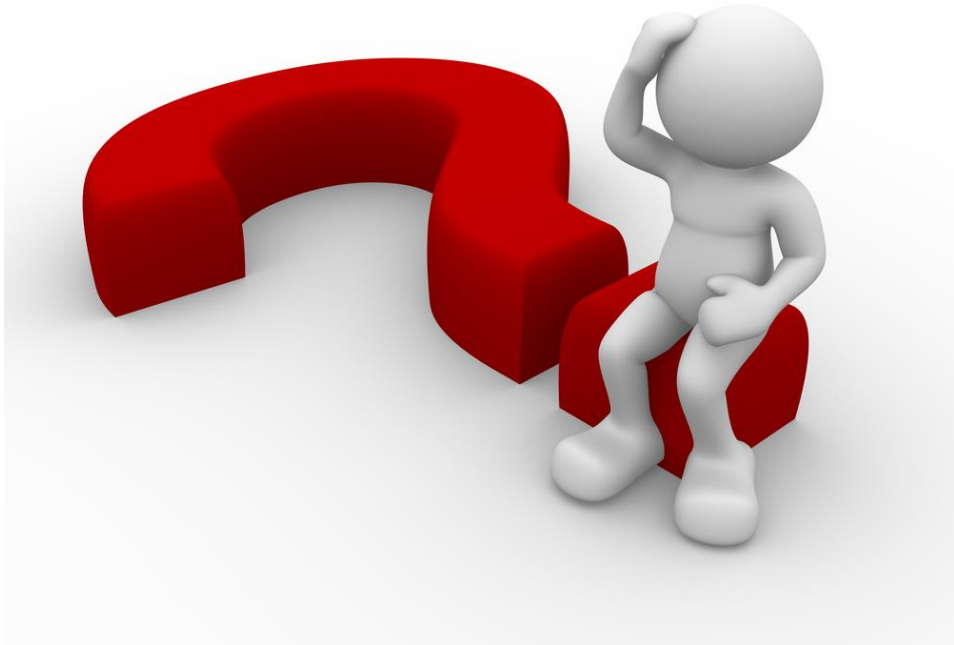
Earn 25 cents for every \$1 you spend on OCI

No limits to rewards you can earn, or how much you can apply

The opportunities / benefits

- Reduce costs
 - Data centre / hardware
 - Operations
 - Rationalise Licences
 - New Support Rewards initiative
- Simplify / modernise operations
 - Universal credit model
 - Array of services available, including mobile application development, etc
 - Autonomous services – automatic patching, fixing, ML, AI, etc
 - No more hardware limitations
- Improve
 - Performance
 - Security

Compliance with your company's IT strategy whilst still enjoying your tried, tested and trusted Hyperion EPM applications



Q & A Guest panellists

Rajan Pillay - CIO



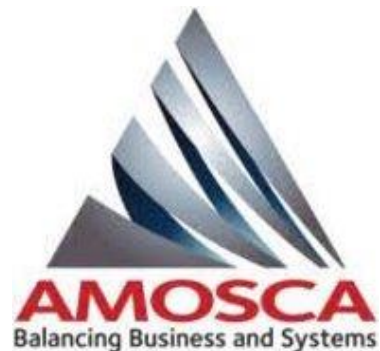
- Previously Anglo American Coal
- Currently implementing HFM on OCI
- DSP – managed services partner
- AMOSCA – application support & development partner

Kim Maughan – Hyperion
Systems Manager



- Global mining house
- Long-standing HFM user
 - On-premise
 - On Demand
 - On OCI with Oracle Managed Service
- SaaS – EPM Cloud Planning
- AMOSCA – application support partner

Contact us for more details or discussions



Matthew Prior
matthew.prior@amosca.co.uk
+44.7885.762.672



James Peck
james.peck@dsp-explorer.com
+44.7500.007.418

ORACLE

Your local
Applications Unlimited rep
Oracle Tech rep
Account Manager