

Oracle Business Intelligence Applications Statement of Direction

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The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described for Oracle's products remains at the sole discretion of Oracle.

Purpose

This document provides an overview of the product direction and roadmap of the Oracle Business Intelligence Applications line of products. It is intended solely to help customers assess and plan their short, medium and long-term Oracle BI Applications deployment and support strategy.

Executive Summary

Oracle BI Applications are complete, prebuilt, extensible, role-based analytic solutions delivered via a data warehouse schema, ETL load mappings, an Oracle BI Repository (RPD) analytic semantic model, analyses, reports and dashboards.

Oracle BI Applications enable organizations to gain insight and greater value from a range of data sources, including Oracle on premise Applications Unlimited applications (E-Business Suite, PeopleSoft, JD Edwards and Siebel), Oracle SaaS Applications (HCM Cloud, ERP Cloud, SCM Cloud and CX Cloud) and non-Oracle sources via custom integration or Oracle BI Applications Universal Adaptors.

Oracle BI Applications encapsulate hundreds of person years of development including 250-plus Subject Areas, 8000-plus KPIs, tens of thousands of attributes, 3700-plus reports and 120-plus dashboards. The solution is mature and “content complete”, meaning analytic coverage currently exists for the vast majority of application use cases.

While Oracle BI Applications products will receive on-going support including updates to existing data source adaptors and platform certifications in accordance with [Oracle's Lifetime Support Policy](#), being “content complete”, no further Oracle BI Applications product features or enhancements are planned including features or enhancements related to the database schema, ETL mappings, BI semantic model Subject Areas, analyses, reports or dashboards or support for additional data sources

Oracle BI Applications' published [certification matrix](#) states current GA support for Oracle Data Integrator (ODI) 11g. Within the next 12 months, Oracle plans a supplemental Oracle BI Applications point release to support ODI 12c and the porting of Oracle BI Applications Configuration Manager (BIACM) to Oracle Fusion Middleware 12c. This new certification would allow customers to deploy the latest version Oracle BI Applications on a consolidated 12c technology stack minimizing management resources, reducing costs and up-taking new 12c capabilities.

Additionally, Oracle plans to extend Lifetime [Premier](#) Support for this new supplemental point release to align with the source supported Oracle SaaS and Oracle Applications Unlimited (EBusiness Suite, PeopleSoft, Siebel, JD Edwards) Lifetime Support timelines “through at least 2030”

Oracle remains committed to developing and delivering packaged analytic applications. This continuing commitment includes the on-going support for Oracle BI Applications and its install base while in parallel focusing development on an evolving roadmap of a new class of analytic applications, purpose-built for Oracle Cloud Application customers.

Oracle's customers have made considerable investments in the use of Oracle BI Applications and frequently ask questions regarding the commitment to the products, its ongoing support and future strategy. The intent of this document is to provide answers to questions relating to Oracle's business analytics strategy, the impact on Oracle BI Applications' customers and specific recommendations to customers who are using the products.

Product Strategy

Oracle Business Intelligence Applications

When launched in 2007, Oracle Business Intelligence Applications allowed customers to extract, transform and load (ETL) operational application data to a preconfigured data warehouse schema and analyze and report over that data via a preconfigured BI semantic layer consisting of analytic dimensions, hierarchies, measures and integrated security.

Customers typically customized, following best practices methodologies, the preconfigured Oracle BI Applications integrating additional data and extending BI semantic layer definitions, analyses, reports and dashboards. While analyses, report and dashboard authoring were often business users' functions, the Oracle BI Applications implementation and ongoing maintenance was technical, requiring developer/DBA/sysadmin skills to deploy, extend and manage the data warehouse, ETL and BI semantic layer. The solution was very well received and differentiated in the market as a faster time to value alternative to building a data warehouse based BI solution from the ground up.

Built from ground up as a next-gen analytics platform solution, Oracle Analytics Cloud, coupled with Oracle Data Integrator and Oracle Autonomous Data Warehouse, will serve as the foundation for a new class of to be released Oracle analytic applications. The offering plans to deliver packaged analytics (data pipeline + data warehouse + semantics + analytics content) for Oracle Cloud Applications. Optimized for Oracle SaaS applications, the offering intends to provide extensive support for extensions using 3rd party data sources.

With this prioritization of investment towards the next generation of analytic applications and the fact that Oracle BI Applications are "content complete", no further enhancements and features are planned for the current Oracle BI Applications. Customers can extend and configure Oracle BI Applications to their own business requirements without concern of Oracle delivering conflicting content in future releases.

The current release for Oracle BI Applications is 11.1.1.10.2. Oracle plans a final, certification-only, point release within the next 12 months. The point release plans to certify Oracle Data Integrator 12c and port Oracle BI Applications Configuration Manager to 12c allowing customers to consolidate deployments to the 12c technology stack. Oracle further plans to certify Oracle Autonomous Data Warehouse Cloud as a target database to host the Oracle BI Applications data warehouse. No new analytic content or enhancement are planned for this point release.

License Controlled Availability

The Oracle BI Applications product SKUs are on Controlled Availability, meaning purchasing of Oracle BI Application licenses are restricted for purchase. Oracle plans to sell only "Extension" licenses (adding additional seats to existing Oracle BI Applications licenses). No "net-new" Oracle BI Application licenses plan to be sold including "Expansion" licenses where a customer owns one module and wishes to purchase a "net-new" module (e.g. an "HR Analytics" licensed customer is restricted from purchasing a new "Financial Analytics" license where a "Financial Analytics" license does not already exist). Net-new licenses customers seeking new analytical application capabilities should look at Oracle Analytic Cloud platform and Oracle's planned next generation of analytic applications.

Deployment Options

Oracle BI Applications are supported on premises, in the cloud or in hybrid deployments. Customers are generally advised to uptake the latest versions of platform to take advantage of new features, enhancements and fixes. See the published Oracle BI Applications platform and data source certification matrix for details.

On-premises solutions are deployed leveraging Oracle BI Foundation Suite, Oracle Data Integrator and Oracle Database. (Figure 1)

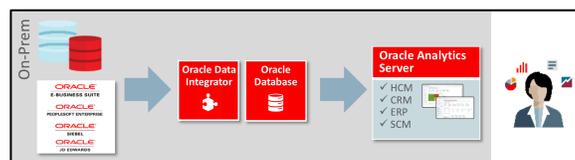


Figure 1: OBIA On-Premise

Cloud solutions are deployed on Oracle Analytics Cloud, Oracle Compute hosting Oracle Data Integrator, the Oracle BI Applications Configuration Manager and Oracle Database Cloud Service. See detailed deployment documentation published on Oracle Support. (Figure 2)

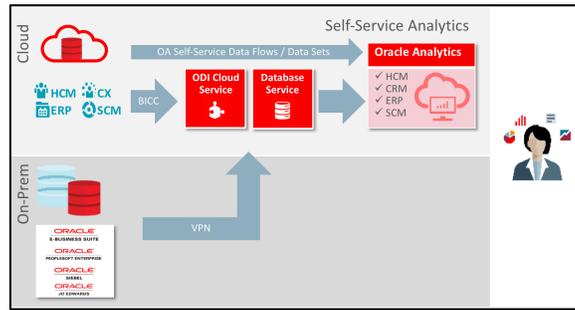


Figure 2: OBIA On Cloud

Hybrid solutions deploy the BI semantic model, analyses and dashboards on Oracle Analytics Cloud with Oracle Data Integrator and Oracle Database remaining on premises. Oracle Analytics Cloud securely accesses the on premises database via Oracle Analytics Cloud's Remote Data Connector feature. Hybrid solutions are considerations for (a) customers phasing to the cloud over time, (b) customers wishing to uptake features exclusively available on Oracle Analytics Cloud and/or (c) customers with requirements for data to remain on premises. (Figure 3)

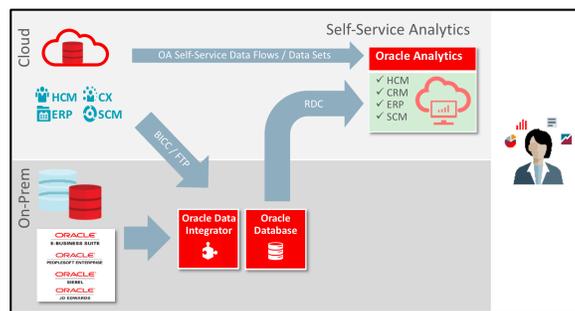


Figure 3: OBIA Hybrid

Oracle BI Applications content licenses are portable between on premises and the cloud. Customers can deploy content, including the database schema, ETL mapping, BI semantic model, analyses, reports and dashboards on premises, in the cloud or in a hybrid deployment, provided the combined licenses across the platforms do not exceed named user or processor contractual limits. Oracle Data Integrator for BI Applications licenses are further portable across on premises or cloud. Customers deploying Oracle BI Applications content in the cloud are required to have the requisite cloud platform licenses, which do not generally port from on premises.

Platform Certifications

While the BI Applications line of products are “content complete”, meaning no new content and enhancements are planned, Oracle will actively support the products in accordance with its Lifetime Support Policies including certification of operating systems, infrastructure, cloud and on premises platform components. Infrastructure and platform upgrades can bring new functional capabilities to Oracle BI Applications customers without impacting the application content.

Written instructions, metadata patches or software patches will be provided to ensure customer platform upgrades do not cause Oracle BI Applications regressions.

Oracle plans to certify Oracle Data Integrator 12c and port the current Oracle BI Applications Configuration Manager (BIACM) to 12c running on Oracle Linux. Oracle further plans to certify Oracle Autonomous Data Warehouse Cloud for Oracle Cloud deployments. Certification of Windows and AIX operating systems are in the roadmap for beyond the next 12 months. Oracle continues to support the certified Oracle Data Integrator 11g product per the published certification matrix.

Data Source Certifications

Additionally, in accordance with Lifetime Support Policies, Oracle will continue to certify new Oracle SaaS application and Oracle Applications Unlimited version data sources. Support for Oracle Right Now plans to be dropped from the Oracle BI Applications certification matrix and reintroduced in Oracle’s next generation of analytic applications.

Written instructions, metadata patches or software patches will be provided to ensure customers' operational application upgrades do not cause Oracle BI Applications regressions.

Lifetime Support Policy

For the planned new point release, Oracle plans to extend Oracle BI Applications Lifetime Support Premier Support dates to align with the source supported Oracle SaaS and Oracle Applications Unlimited (EBusiness Suite, PeopleSoft, Siebel, JD Edwards) Lifetime Support timelines "through at least 2030"

Furthermore, Oracle plans to waive Extended Support fees for the currently shipping and Generally Available 11.1.1.10.2 versions of the product from January 2020 through June 2021 to provide adequate time for customers time to upgrade to the new planned point release without incurring additional Extended Support charges.

Recommendations for Oracle BI Applications customers

Customers wishing to stay on the latest certified products are advised to upgrade to the new, planned Oracle BI Applications point release and platform when available. This provides customers with a platform to extend and enhance with the Lifetime Support dates in mind.

Customers can extend their Oracle BI Applications with new, custom content without concern of Oracle delivering conflicting new content in a future release. As Oracle Applications Unlimited or Oracle SaaS delivers new capabilities, Oracle BI Applications customers may choose to manually integrate incremental new data and functionality into their own deployments.

Oracle BI Applications customers are generally advised to evaluate and uptake the latest certified platform releases regularly. Platform releases, either cloud or on premises can introduce valuable new features, enhancements and fixes. For example, Oracle Analytics Cloud and Oracle Business Intelligence 12c introduce powerful new self-service data integration and data visualization capabilities that allow business users to quickly gain new capabilities and reduce dependence on internal IT or Systems Integrator skill sets.

Oracle BI Applications 11g Upgrade Recommendations

Customers should generally upgrade to the planned Oracle BI Applications point release when it becomes available. This planned release allows customers to uptake the latest features and capabilities of Oracle BI Applications, leverage the latest capabilities of the platform (on premises or in the Cloud) and remain supported through at least 2030.

Upgrading Oracle BI Applications requires skills and effort. Major steps in upgrading Oracle BI Applications are the porting, merging, reconciling customizations with the Oracle's pre-configured BI semantic layer (RPD), analyses, reports and ODI ELT customizations. While dependent on a customer's in-house skills, current levels of configuration and customization, and conformity to configuration and customization best practices, customers are generally advised to engage with skilled Systems Integrators.

As no new content is planned for the planned OBIA certification point release, customers currently deployed on 11.1.1.10.2 will generally see lower effort to upgrade. Upgrade instructions will be provided.

Oracle BI Applications customers currently deployed on 11g releases prior to 11.1.1.10.2 are generally advised to upgrade with the assistance of a skilled Systems Integrator who, in addition to managing platform updates, can help with merging of configurations and customizations.

Oracle BI Applications 7.9.x g Upgrade Recommendations

Oracle BI Applications customers currently deployed on 7.9.x Informatica ETL-based releases are advised to judiciously uptake platform components and evaluate upgrading to new Oracle BI Applications point releases. The effort to upgrade Oracle BI Applications 7.9.x to 11g can approach the effort of a reimplementation however Oracle's

intention to support the new point release through at least 2030 provides an extensive timeline for customers to realize return on investments expended in the upgrade. Many Systems Integrators, including Oracle Consulting Services, have experience and services offering to migrate from Informatica to ODI.

Next Generation of Analytic Apps

Oracle's analytic application strategy is vectoring towards a next generation of, to be developed and released, analytic applications, purpose-built for Cloud deployment and for Oracle Cloud Application customers. The intention of this next generation of packaged analytic applications, Oracle Analytics for Applications, is to enable rapid time to value for customers of Oracle SaaS applications.

Oracle Analytics for Applications is **not** intended as an upgrade of the existing Oracle BI Applications but rather an independent new product line of targeted analytical applications for Oracle SaaS customers, providing packaged analytic content.

The Oracle BI Applications roadmap provides a lengthy support window allowing customers to continue leveraging their significant investments in Oracle BI Applications. While there is no urgency to migrate off of Oracle BI Applications, as customers look to move to the cloud, they are advised to evaluate Oracle's next generation of analytic applications.

Conclusion

Oracle BI Applications are "content complete". Oracle plans a final certification point release to support ODI 12c and port Oracle BI Configuration manager to 12c. Oracle further plans to certify future platform, infrastructure and data source versions in accordance with Lifetime Support Policies but not planning to provide new content enhancements.

Oracle BI Applications 11g customers are generally encouraged to upgrade to the planned, new certification point release when available with the assistance of a skilled Systems Integrator.



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