Oracle Analytics Server

ORACLE®

Formerly known as Oracle Business Intelligence Enterprise Edition (OBIEE), Oracle Analytics Server is an unmatched and comprehensive business intelligence and analytics platform that delivers a full range of capabilities—including interactive dashboards, ad hoc queries, data visualizations, augmented analytics, mobile analytics, notifications and alerts, enterprise and financial reporting, scorecard and strategy management, business process invocation, unstructured search and collaboration, integrated systems management, and more. Oracle Analytics Server is built on a proven and modern technological foundation that supports the highest workloads and most complex deployments, while providing timely insights to users across an enterprise at a low overall total cost of ownership.

ORACLE ANALYTICS SERVER—FUNCTIONALITY AT A GLANCE

- **Interactive Dashboards.** The starting point for analysis and insight by most users, the Oracle Analytics Server Interactive Dashboards solution provides an interactive collection of dashboards and reports with a rich variety of visualizations. Users can drill, pivot, and filter their data directly on a dashboard, while a rich set of prompts and powerful right-click interactions open up even more advanced analysis capabilities. Users see information filtered and personalized based on their identity, function, or role processed via predefined security rules. Alerts, guided navigation links, and actions accelerate exception-based discovery of insight. Users are a single click away from other interfaces in the suite if needed: exporting data to various MS Office formats, opening a strategy map, or adding content to a list of favorites for quick access. When used with Oracle Exalytics, the industry's first in-memory engineered system for extreme analytics, users can analyze massive amounts of data using advanced data visualizations and explorations at the speed of thought.

- **Self-Service Data Visualization.** Get instant clarity to improve your business with stunning visual analysis and self-service discovery. Now, more people can explore more data—governed as well as personal data—to gain new insights faster. With Oracle Analytics Server, you can experience any data, anytime and anywhere.

- **Augmented Analytics.** Oracle Analytics Server powers deeper insights by embedding machine learning and AI into every aspect of the analytics process, making your job easier than ever. From smart data preparation to data discovery, your overall experience is significantly enhanced. The user experience is also simplified with modern conversation-style analytics powered by natural-language processing.

- **Ad Hoc Analysis and Interactive Reporting**. Providing business users with full ad hoc query and analysis capability, Oracle Analytics Server users can analyze from scratch or modify existing projects in dashboard pages. To free business users from data structure complexity, the metadata layer of Oracle Analytics Server offers a logical view of metrics, hierarchies, and calculations expressed as understandable concepts. Business users can combine data from multiple enterprise information sources without any understanding of physical data storage.

- **Mobile Analytics**. Oracle Analytics Server provides the technological platform for enabling mobile analytics. Users can use the associated app on their smartphones and tablets to interact with and analyze information delivered by Oracle Analytics Server, including dashboards, analyses, reports, scorecards, maps, alerts, and more, all in a secure manner.

- **Enterprise Reporting**. Enterprise reporting allows the creation of highly formatted templates, reports, and documents such as flash reports, checks, and more. It is the most efficient, most scalable reporting solution available for complex and distributed environments, and supports a vast number of data sources, including relational, multidimensional, web service, XML, and more. Tight integration with the Oracle Analytics Server platform allows users to quickly and seamlessly transfer their data, layout, and format of a dashboard or analysis to an output or data export file.

- **Proactive Detection and Alerts**. Oracle Analytics Server features a powerful, near-real-time, multistep alert engine that can trigger workflows based on business events and notify stakeholders via their preferred medium and channel. This means that field sales representatives can receive a short message service alert on their cell phone; warehouse managers get a PDF attachment via email; and financial analysts obtain the report as a Microsoft Excel spreadsheet saved to their shared corporate file system.

- **Actionable Intelligence**. The Oracle Analytics Server Action Framework turns insights into actions by providing the ability to invoke business processes from within the business intelligence dashboards and reports. This is made possible by the integration of business process management technologies within the business intelligence platform. Invoked actions may include initiating a business process, a web service, or simply calling another dashboard or report.

- **Spatial Visualizations and Analytics**. Any data that has a spatial attribute (country, state, highway, airline route, postal address, plant location, etc.) can be visualized on a spatial visualization known as a map view. These maps are fully interactive and data on the maps can be visualized using numerous formatting options including color fills, variable-sized markers, custom image markers, percentile binning, value binning, and continuous color-fill options. Users have the full complement of multitouch and gestural interactions as well as the benefits of location intelligence when viewing these map views on the mobile app.

- **Server-Based Query, Reporting, and Analysis**. Oracle Analytics Server generates queries optimized for each data source, appropriately aggregates them, and presents the results to users within a familiar web browser via easy-to-use dashboards and reports.

A flexible, enterprise metadata layer spans all of your underlying data sources—including big data (like Apache Hadoop), in-memory data sources, packaged applications, and more. This metadata layer has been designed to be truly open—users can even use existing third-party query and reporting tools against it. Report authors can select desired report criteria, which will then be collected, aggregated, and processed—even if data comes from disparate data sources. With larger user populations, many queries will have similar content, and the Oracle Analytics Server can intelligently reuse previous query results. Queries might also be scheduled to be prerun so the results are available when the user opens the dashboard.

Oracle Analytics Server also includes parallel query execution engines, memory management, and high-throughput data connectivity adapters to allow highly efficient data sourcing and aggregation that minimize data retrieval time. This highly scalable platform with clustering and caching capabilities is at the heart of what drives the other suite components. Multiple servers can be clustered to provide session replication and automatic failover capabilities. Powered by a centralized, single, IT controlled metadata layer, Oracle Analytics Server features easy change management—for example, seamless upgrade from a legacy Teradata database to an Oracle database, or a single click switch from a test system to production. For more information, visit Oracle's Analytics Products page.

CONNECT WITH US

Call +1.800.ORACLE1 or visit oracle.com.
Outside North America, find your local office at oracle.com/contact.

blogs.oracle.com/oracle   facebook.com/oracle   twitter.com/oracle

Integrated Cloud Applications & Platform Services

ORACLE®

Oracle is committed to developing practices and products that help protect the environment