Solution overview

OpenText™ Analytics Suite

Create interactive dashboards, visualizations and reports that answer vital questions across the organization. Build relevant, data-driven applications that leverage all types of data, from any source.

Driven by digitization, every organization is producing more and more data. Millions of gigabytes are generated from manufacturing processes, financial systems and other business applications, customer records from CRM systems, social media, Internet of Things sensors and many other sources. The challenge is making sense of all this disparate data, revealing the powerful insights buried deep within and sharing them quickly and easily with every decision-maker who needs them.

OpenText Analytics Suite is the only fully integrated analytics solution that addresses all these needs. It lets users explore and understand data from disparate sources, then create consumer-friendly, engaging dashboards, reports and interactive visualizations that can be easily embedded, socialized and shared.

The solution’s main components are OpenText™ Information Hub (iHub) and OpenText™ Big Data Analytics, which combine ad-hoc analytics and interactive visualizations, including real-time dashboards and alerts, with data preparation and advanced analytics such as modeling, segmentation and forecasting. The suite also includes a range of data visualization and reporting options that give users exactly the level of self-service capability they want and need, regardless of their skill set. These best-of-breed components come together to offer a complete, off-the-shelf solution for enterprise use in any industry or user role—with minimal IT support.
Analytics Suite is secure, highly scalable to millions of users and mobile-ready with HTML5 support. It offers data preparation tools that help users import, cleanse, blend and view disparate data sources, from simple flat files to complex databases, online data, Internet of Things data and more. Broadly functional integration APIs based on REST and JavaScript allow white-label embedding of reports, dashboards, charts and alerts into other applications, infusing them with the power of live data and attractive visualizations.

**OpenText iHub:**
A strong foundation for secure, interactive analytic applications

A core component of Analytics Suite is iHub, a highly scalable, enterprise-grade deployment server for secure interactive analytic applications. It’s the foundation for delivering custom stand-alone and embedded visualizations.

iHub enables users to design, deploy and manage secure, interactive web applications and reports and dashboards fed by multiple data sources. It supports high volumes of users, and its integration APIs allow for easy embedding of analytic content into any application. iHub displays optimally on any device, intelligently resizing and repositioning its results on both mobile and desktop screens.

By providing all users with real-time information and self-service business analytics as part of their day-to-day experience, iHub meets business-critical requirements. It delivers dashboard creation and ad-hoc report authoring in a flexible environment designed to drive user autonomy, and brings the scale required to deliver customer-facing applications to user-bases numbering in the millions.

iHub transforms any data into meaningful insights with relevant, appealing graphics and visualizations, from bar charts to word clouds, so users can easily see and understand the information trends. Businesses can embed these personalized analytic dashboards and interactive visualizations into their own applications, workflow and processes for maximum impact.

**OpenText Big Data Analytics:**
Powerful advanced and predictive analytics

The Big Data Analytics component of Analytics Suite contributes self-service capabilities for data preparation, data exploration and advanced and predictive analytics.

This powerful browser-based module easily handles extraction, transfer, load (ETL) and cleansing functions, even for enormous data sets spanning billions of rows. It also standardizes and joins multiple data sources, including external data warehouses and third-party relational databases such as Oracle, MySQL, PostgreSQL and Microsoft SQL Server.

With a few clicks, users can apply data mining methods for anomaly detection, association rules, clustering, profiling, segmentation, decision trees, Naïve Bayes classification, correlation, linear and logistic regression, summarization and pattern mining. Big Data Analytics can display the result in crosstabs, Venn diagrams, bubble charts, maps and more.

Then, with a single click, the results are published to iHub as a new data source ready for consumption. In addition, users can share insights with broader audiences as interactive data visualizations.

**Visualization options for every level of self-service access**

Analytics Suite is equipped with a range of data reporting and display features that enable the right type of self-service capabilities for any user, regardless of their skill set.

Depending on the level of interactivity and data blending needed, users can choose from built-in functions that emphasize simplicity and ease of use (OpenText™ Interactive Viewer), visual appeal to showcase key indicators (OpenText™ Dashboards) or sophisticated, powerful reporting with the ability to add new data sources on the fly (OpenText™ Analytics Studio).
Quick, convenient data exploration with OpenText Interactive Viewer

Interactive Viewer is an easy-to-use viewing option pre-packaged with Analytics Suite. Within a few minutes of being introduced to the intuitive interface, even the most non-technical users can start accessing and customizing their content for their own needs and preferences. They can modify, save and share reports, dashboards and data visualizations with just a few clicks.

Updates at a glance with flexible OpenText Dashboards

For a richer reporting experience, the Dashboards component aggregates multiple data sources and serves up real-time results in appealing graphic visualizations that put data at users’ fingertips. Designed to be used without training, Dashboards are quick to assemble, personalize and share. State-of-the-art charts, gadgets, tables and graphical selectors allow users to illustrate and explore their data without IT support.

Full-featured ad-hoc reporting for business users with OpenText Analytics Studio

Analytics Studio provides the most powerful ad-hoc reporting design options for Analytics Suite. Drag-and-drop functionality allows users to easily assemble reports for personalized business insights. They can blend and explore their data, add new sources on the fly and effortlessly create ad-hoc reports in their browser.
### OpenText Analytics Suite: Delivering more insight from your data

Analytics Suite helps organizations gain insight, improve decision-making and boost operational efficiency by offering hands-on access to interactive dashboards, reports and data visualizations seamlessly integrated with big data–capable advanced and predictive analytics to spot patterns and trends. To further empower users, Analytics Suite offers a range of visualization options. From standard charts and graphs to sophisticated custom visualizations, even third-party and open source visualization libraries, it can visualize data any way you wish.

Leveraging all data—whether it comes from databases, business applications, CRM records, Internet of Things or social media—in relevant, interactive visualizations on any device increases opportunities for growth. Analytics Suite offers robust, enterprise-level security, scalability to millions of users and data integrity, while requiring a minimum of IT intervention.

### OpenText™ Magellan™: Adding the power of AI to analytics

Magellan provides “next-level” capability and is a natural extension of the Analytics Suite. It’s a powerful, flexible AI and analytics platform that derives insights from both structured and unstructured data, spotting key topics, people, events, concerns and other crucial information in text.

Squeeze every drop of value from data

Magellan combines cutting-edge, open source machine learning with advanced, predictive analytics, enterprise-grade BI and the capacity to acquire, merge, manage and analyze big data and big content stored in Enterprise Information Management systems.

Magellan enables machine-assisted decision-making by automating repetitive, low-level processes and business optimization. As a result, organizations can streamline operations, respond more quickly to changing needs and operate more profitably.

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### OpenText Analytics components

<table>
<thead>
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<th>Component</th>
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</tr>
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<tbody>
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