WebFOCUS: Business Intelligence and Analytics Platform

Strategic BI and Analytics for the Enterprise

Highlights
- Extensive self-service for everyone
- Powerful browser-based authoring tool
- Create reusable analytical InfoApps™ for non-technical users
- Build once, deploy anywhere
- Advanced and big data analytics
- Platform enables BI pervasiveness and high adoption

WebFOCUS makes more data available to more people on more devices than ever before.

WebFOCUS, the industry’s most innovative and comprehensive business intelligence (BI) and analytics platform, is redefining self-service analytics by helping companies use BI more strategically across and beyond the enterprise. It is packed with innovative features that provide organizations with everything they need to turn data into insight, and insight into impact.

One Platform, Serving Every Analytical Need
With WebFOCUS, companies can accelerate the delivery of comprehensive and intuitive BI solutions internally and externally, and build rich, secure information systems and applications that can be deployed on premises, in the cloud, on mobile devices, or as software-as-a-service (SaaS) applications.

WebFOCUS empowers organizations to:
- Combine core BI and analytics seamlessly to satisfy every information need
- Perform deeper data exploration, so analysts and other users can uncover critical patterns, trends, anomalies, and outliers
- Deploy comprehensive self-service tools for non-technical users to create, analyze, and share findings
Operationalize insights by embedding analytics into existing processes, workflows, and applications for greater impact.

Leverage true "build once, deploy anywhere" mobile BI capabilities with responsive design, giving users information on any device.

Dramatically accelerate time-to-market by reducing the complexity associated with building enterprise-scale BI applications.

Reduce maintenance and administration of development and runtime environment through shared metadata, centralized administration, and security management.

Provides governance, version control, and auditing ability via a single console for real-time user and system management.

Deploy enterprise-class security, via single sign on, metadata-based deployment, multi-tenancy templates, and a fine-grained security model with authorized users based on RDMS data or web service.

Leverage comprehensive integration capabilities to ensure rapid access to timely, accurate data across all systems, processes, and stakeholders.

Self-Service Reporting, Analysis, and Discovery

WebFOCUS InfoAssist is a web-based self-service reporting and discovery tool that empowers users to gain deeper insight from all kinds of data and easily share the impact of their findings to guide actions and decisions.

Gain deeper insight from all kinds of data and share the results with InfoAssist.

Easily create reports, charts, visualizations, and dashboards with the InfoAssist authoring tool.
With InfoAssist users can prepare and access data from a multitude of sources by themselves. Non-technical users can also create reports, charts, and analytical documents for their own, or shared use. InfoAssist is a complete self-service tool for analytical rookies through to data-savvy analysts.

Highly Innovative BI Portal for Content Management and Collaboration
At the heart of WebFOCUS is the BI Portal, our completely redesigned portal environment that:

- Offers an intuitive graphical user interface (GUI) and workflow for easily creating responsive portal pages with fully customizable navigation, banners, menus, page layouts, display components, and more – without the need to learn web development
- Leverages your organization’s existing BI talent to create robust information environments that can be deployed as internal apps, customer-facing apps, or SaaS apps – on private networks and in the cloud
- Allows full branding of all content to fit departmental requirements, or supplier and partner corporate identity guidelines

Business users can quickly and easily customize their own BI content. They can create compelling portals – without expertise in web development or graphic design.

Package and Deliver Analytics to Any User or Any Device
One of the output capabilities of WebFOCUS is In-Document Analytics, which is a self-contained active HTML5 analytics document that consists of one or more highly interactive views, plus a subset of data, and in-built analysis functions.
Because In-Document Analytics is HTML5-based, it is fully device-agnostic. Users can interact with reports and dashboards, whether connected or disconnected, regardless of their device or browser. Analytical documents can be e-mailed and used to perform data discovery even when no Internet connection is available, and with zero cost for recipient licensing, the consumerization of analytics is now here.

Create Reusable Analytical InfoApps™

InfoApps deliver interactive analytic content such as data visualizations, charts, graphs, and reports to users through a portal for an easy "app store-like" experience. InfoApps go beyond dashboards by offering a variety of controls and filters on a custom user interface to aid in decision support. Examples of InfoApps include guided self-service reports, search-based apps, and predictive analytics apps, all of which can be customized further through a portal for a highly personalized user experience.

Instead of learning complex tools and worrying about data preparation, users can tap into InfoApps to serve themselves and quickly get answers and insight from relevant data – right when they need it.

HTML5 Visualization Library

The WebFOCUS HTML5 Visualization Library contains more than 130 different visualizations and chart types, providing complete interactivity with any data, from any source, on any platform, using any device – whether connected or disconnected. The very same charting engine also produces formats suitable for print media, such as .jpg, .png, .gif, and .svg, so BI content can be easily incorporated into any publication that requires high-quality images. This single engine guarantees visual consistency across all formats, and facilitates easy conversion of content from one format into another.
Build Once, Deploy Anywhere

The rise of smartphones and tablets has revolutionized the way information is delivered and consumed. WebFOCUS enables organizations to deploy highly interactive and mobile-exploitive BI apps with the lowest effort, fastest time to market, and lowest TCO. Rather than force IT departments to choose between native or web apps, WebFOCUS Mobile offers the best of both worlds from a single platform. WebFOCUS’ “build once, deploy anywhere” approach comprises the following components:

- **WebFOCUS App Studio**, a centralized application development platform for building and deploying web apps that run on any browser
- **Mobile Faves**, a native app container for iOS and Android platforms that makes it easy to organize, access, and interact with your reports and dashboards
- **In-Document Analytics**, which allow any WebFOCUS dashboard or report to be mobilized with a single click and e-mailed to all relevant users
- **WebFOCUS Magnify**, our unique enterprise search engine, which offers an enhanced interface for mobile devices so users can quickly find information – structured or unstructured – and drill down to the details

More than 130 visualizations and charts provide full interactivity with any data, from any source, and on any platform or device.

With In-Document Analytics, it’s easy to share compelling charts, styling, and interactive capabilities.
Responsive Design Adapts to All Screen Sizes and Factors
BI content and objects are automatically organized and optimized for any device to provide the clearest understanding and interpretation, so users can spend less time worrying about screen design and more time focused on the meaning behind the data.

Advanced Analytics
Predictive Analytics
WebFOCUS RStat is the market’s first fully integrated BI and data mining environment, seamlessly bridging the gap between backward- and forward-facing views of business operations. With RStat, companies can easily and cost-effectively deploy predictive models as intuitive scoring applications, so business users at all levels can make decisions based on accurate, validated future predictions instead of relying on gut instinct alone.

Search-Based BI
WebFOCUS Magnify, our enterprise search solution, allows BI developers to create search-based applications the same way they create regular reports. The indexing of unstructured data is triggered automatically, making it searchable through a dynamically generated, Google-like interface for search-based reports that can be accessed via any device.

Sentiment Analysis and Word Analytics
WebFOCUS provides innovative sentiment and word analytics that can be installed inside the firewall, or used as a service in the cloud.
Social Media Adapters
Adapters for Facebook, Twitter, and other social media channels empower users to track and analyze status updates and other customer and employee activities that may impact business.

Google Analytics Adapter
The Google Analytics Adapter gives WebFOCUS customers the ability to access and integrate valuable Google Analytics data with other enterprise content to paint a more complete picture.

Big Data Analytics
No other BI solution can match the WebFOCUS range of data access capabilities. New adapters enable access to, and analysis of, big data stored in the Hadoop Hive and MongoDB databases and supporting technologies from big data companies including Cloudera, Hortonworks, and MapR. Additionally, columnar databases are growing in popularity due to their inherent ability to analyze large amounts of data faster than their relational counterparts. New adapters for Greenplum, ParAccel, 1010data, and Vertica allow users to efficiently generate queries and reports off large data sources – at rates that are five to twenty times faster than similarly sized relational sources.

High-Performance Queries
With WebFOCUS Hyperstage, our embedded data store, customers can dramatically improve the performance of their BI environment. The in-memory capability of WebFOCUS Hyperstage isolates users from slow database performance and greatly improves the user experience.
Salesforce.com Integration
Data stored in Salesforce.com, the popular cloud-based customer relationship management (CRM) system, can be easily retrieved and analyzed using all the features and capabilities of WebFOCUS. The Salesforce.com adapter is easy to configure, allowing WebFOCUS developers to quickly integrate Salesforce.com data with information from other internal systems.

Extended Security and Web Services Support
New Security Engine
The WebFOCUS security infrastructure has been completely redesigned with more than 140 privileges, including Resource Templates that allow one-click configuration of common functions. With WebFOCUS, organizations can ensure that each user can only access the information and functionality pertinent to them.

WebFOCUS is also the only BI platform with the built-in scalability and security needed to support multi-tenancy in cloud-based environments, as well as widely deployed, outward-facing applications that securely separate one client’s data from another’s.

RESTful Web Services Adapter and API
The WebFOCUS RESTful Web Services Adapter can be configured to tap into any public Internet information, allowing organizations to retrieve and analyze thousands of pieces of critical Internet information, as if it were just another relational table.

More than 50 function calls into WebFOCUS are included, so developers can continue to work in their preferred environment to incorporate any WebFOCUS report, chart, dashboard, or alert inside an application or business process.

WebFOCUS is a trusted platform for every type of BI and analytical need. As a strategic technology, it provides a multitude of ways to explore, view, and leverage insights from a variety of data sources, to enable smarter business decisions.