

Hyperion

Relationship Solutions

Online Analytical Processing

Online Analytical Processing (OLAP) technology provides analysts, managers and executives with fast, easy, interactive access to extensive amounts of data and information analysis. By illuminating trends and pin-pointing specific relationships within large volumes of data, OLAP technology enables critical business intelligence for the Internet age.

OLAP Applications Include:

Enterprise Performance Management

- Financial consolidations, reporting and analysis
- Financial budgeting and planning
- Performance measurement
- Activity-based management
- Profitability
- Benchmarking
- Strategic planning

Customer Relationship Management

- e-Business analytics
- Call center analytics
- Campaign management

Supply Chain Management Analytics

- Trade promotion planning
- Sales forecasting

Human Resources Management Analytics

- Workforce planning
- Procurement analytics
- Compensation planning

Hyperion and Brio Technology

Simply Powerful Business Intelligence

	Franchisees		Online		Superstores		
	Revenue Actual	Budget	Revenue Actual	Budget	Revenue Actual	Budget	
Q4	Americas	3,122,087.44	880,144.00	9,288,823.88	782,444.00	8,281,231.48	2,805,478.00
	Asia Pacific	547,000.76	424,880.00	1,745,256.53	817,398.00	1,328,346.55	870,784.00
	Europe	2,068,266.43	660,826.00	4,885,081.75	781,248.00	2,005,814.98	1,705,348.00
Q1	Americas	1,888,709.77	2,229,837.00	4,887,721.88	2,714,883.00	5,368,838.38	5,273,888.00
	Asia Pacific	787,726.66	1,136,834.00	2,815,215.55	1,038,362.00	953,860.31	1,830,273.00
	Europe	1,658,824.10	2,365,865.00	1,820,476.73	1,878,943.00	1,967,213.38	3,241,448.00
Q2	Americas	1,738,204.74	2,229,832.00	6,872,288.80	2,289,237.00	4,479,897.83	5,342,223.00
	Asia Pacific	982,279.43	1,664,491.00	3,415,158.25	1,275,362.00	724,170.74	1,872,791.00
	Europe	2,874,096.82	2,343,718.00	3,876,389.08	2,082,868.00	1,241,229.87	3,616,388.00
Q3	Americas	4,787,864.41	2,389,796.00	12,884,833.71	2,228,203.00	7,823,886.48	5,884,874.00
	Asia Pacific	1,528,562.83	1,499,344.00	6,440,987.00	1,538,528.00	1,302,884.12	1,830,839.00
	Europe	3,884,358.83	2,628,280.00	6,833,738.42	2,683,488.00	1,889,877.84	3,430,447.00

Brio.Enterprise presents an intuitive interface for query and analysis against Hyperion Essbase OLAP.

Brio.Enterprise™ 6.0 delivers personalized information access, analysis and reporting capabilities to every user in an organization. From knowledge workers who analyze data and create reports to executives who need insight into information to make decisions, Brio.Enterprise 6.0 delivers the right information to the right users with the right products—right when they need it. Brio.Enterprise 6.0 integrates query, analysis and reporting client tools and an enterprise server solution that combines push-and-pull technology in a secure, flexible and scalable environment.

Business Intelligence Suite for Hyperion® Essbase® OLAP Server

Brio.Enterprise 6.0 delivers comprehensive support for Hyperion Essbase and adds unique benefits for users. Brio.Enterprise leverages Hyperion Essbase's Grid API to support many Hyperion Essbase server features such as TopN/BottomN, User-defined Attributes and Select Members functionality. Brio.Enterprise 6.0 delivers the broadest set of business intelligence functionality in a single integrated business intelligence product. The product works identically across the Web and a client/server environment, supporting both connected and disconnected analysis.



Hyperion®

Web-enabled Executive Information System (EIS) application "dashboards" present high-level, thumbnail views of data that can be instantly activated for further analysis and reporting.



The combination of Hyperion Essbase and Brio.Enterprise enables organizations to empower the widest range of users across the enterprise with a truly effective business intelligence solution.

Enabling Web-based Analytic Applications

The integration of Brio and Hyperion technologies introduces a complete solution for building and delivering analytic applications for the Web-enabled enterprise. Combining JavaScript as the standard scripting language with a rich and open object model, Brio makes it easy to develop Web-based analytic applications. Brio's powerful, flexible, yet extraordinarily easy-to-use analytic application development environment allows IT organizations to quickly provide EIS and dashboard-style access to even the most complex data and analytical calculations in Hyperion Essbase. In a very short period of time

and with minimal custom programming, an organization can fully utilize Hyperion Essbase to deliver flexible and intuitive data navigation, and provide consistent, rapid response times for all users across the enterprise.

Key Brio.Enterprise 6.0 Differentiators

- Brio.Query™ integrates ad hoc query, analysis, EIS and presentation-style report writing with dynamic metadata integration and a portable OLAP engine.
- Brio.Enterprise Server includes a push-and-pull technology with two server components. The Broadcast™ Server is a query server that schedules and automates query processing and report distribution via e-mail, networks, printers and the Web. The OnDemand™ Server is a Web application server that enables querying over the Web, zero administration clients, report-level security and Adaptive Reports™.

- Brio.Insight™ delivers full interactive OLAP inside a Web browser. It is perfect for Web-based information consumers who need to go beyond static report viewing to perform interactive analysis—either while connected to the Web or as a mobile user.
- Brio.Quickview™ presents a compelling portfolio of reports within a user's familiar browser window.

Key Hyperion Essbase Differentiators

Scalability and Performance

- Speed-of-thought query response.
- Web-enabled, server-centric architecture with SMP support.
- Advanced attribute analysis.
- Large capacity, supporting thousands of users analyzing hundreds of gigabytes of data.
- Parallel data loading; dynamic and parallel calculations.
- Multi-user read/write and recalculation with data integrity.
- Six times faster than Oracle Express in the audited OLAP Council Benchmark.

Deployability

- Standard hardware and software investment leveraged.
- Centralized business rules sharable across the enterprise, departments and applications.
- Applications easily developed and deployed with graphical tools.
- New dimensions added easily; analytical calculations and data hierarchies modified without programming.

Sophisticated Analytics

- Robust server-based calculations for powerful, shared planning and analysis.
- Powerful OLAP calculation capabilities, such as aggregations, matrix calculations (e.g., ratios and variances), cross-dimensional calculations (e.g., product

and customer shares), OLAP-aware formulas (e.g., inventory amortization) and procedural calculations (e.g., allocations and profitability analysis).

- Sophisticated OLAP queries, such as ranking, sorting and exception reporting, supported.
- Financial intelligence features provide a logical framework for analytics (e.g., currency mapping, sophisticated financial formulas and accounting logic).

Open Architecture

- Hyperion Essbase fits easily into an organization's existing IT infrastructure. Hyperion's open architecture lets customers choose from more than 50 third-party desktop tools to report and analyze information. Brio.Enterprise is a Hyperion Essbase-Ready™ product that leverages Hyperion Essbase's open architecture.

Brio.Enterprise Adds Unique Benefits to Hyperion Essbase

Single, consistent query interface for relational and Hyperion Essbase data sources.

- Brio's product functionality is completely integrated. User interfaces are the same and contained in one product. Brio products share a common document across the product line. When accessing Hyperion Essbase, users may switch to a relational detailed data source within the same product and the same document. Users have only one interface to learn.

Augments the powerful multidimensional capabilities of Hyperion Essbase.

- In Brio.Query's PivotSheet, users interactively add dimensions, pivot rows and columns to move a column to row or vice versa. Users instantly see the data restructured and gain new perspectives on their data.
- Portable data. Once you select a specific data cube to work with, you can

About Brio Technology

Brio Technology, Inc. (Nasdaq: BRYO) is the only business intelligence software provider to offer a complete platform that addresses the decision processing needs of today's Web-enabled e-enterprise. The Brio ONE™ platform—which includes Brio.Enterprise, Brio.Report™ and Brio.Portal™—enables organizations to build and deliver business intelligence, enterprise reporting and analytic applications to users in intranet and extranet environments, all with unmatched ease of experience. Brio ONE also enables customers to derive higher business value from all of their enterprise information sources, including enterprise resource planning (ERP), sales force automation (SFA) and customer relationship management (CRM) applications, as well as data marts, data warehouses and others.



Hyperion®

Hyperion Solutions Corporation

1344 Crossman Avenue
Sunnyvale, CA 94089
408 744 9500

info@hyperion.com
www.hyperion.com

About Hyperion Solutions

The worldwide analytic application software leader, Hyperion Solutions Corporation (Nasdaq: HYSL) gives today's knowledge workers the "freedom to succeed" with software, services and partner offerings that help them understand and optimize their businesses. More than 5,500 organizations worldwide use Hyperion's family of analytic applications software.



Brio Technology, Inc.

3460 West Bayshore Road
Palo Alto, CA 94303
650 856 8000
800 879 BRIO

www.brio.com

© 2000 Hyperion Solutions Corporation. All rights reserved. Hyperion, the Hyperion Logo, Essbase, Hyperion Pillar, Hyperion Reporting, LedgerLink, Hyperion Enterprise, and Pillar are registered trademarks and Essbase-Ready, Hyperion Solutions, Hyperion Activity Based Management, Hyperion Application Link, Hyperion Essbase, Hyperion Objects, Hyperion Integration Server, Hyperion Performance Measurement, HyperionReady, Hyperion Web Gateway, and See the Future First are trademarks of Hyperion Solutions Corporation. Wired for OLAP is a trademark of Appsource Corporation, a wholly owned subsidiary of Hyperion Solutions Corporation. All other trademarks and company names mentioned are the property of their respective owners.

1343_0899KS_500MO

disconnect from the server and take your "sub-cube" of data anywhere for offline analysis.

- Drill-everywhere capabilities. Users can go beyond predefined hierarchical drill down. BrioQuery gives users complete flexibility to choose the level they would like to drill into.
- Ad hoc custom segmentation and grouping. Users can break up standardized Hyperion Essbase dimensions to utilize them on separate axes of their analysis.
- Apply universal limits on Hyperion Essbase data. Users can apply limit parameters once to any dimension specified in Hyperion Essbase and Brio will apply these limits throughout the data. The limit cascades through the data and is not restricted only to unidirectional cascades from other items.