How to Improve Outcomes, Revenues, Operational Efficiency, and More With Intelligence, Integrity, and Integration
What Our Customers Say

“Our BI and analytics system enables instructors, advisors, faculty, and other staff members to identify at-risk students while there is still time to get them on the right track to meet personal and institutional goals. WebFOCUS has been extremely instrumental generating reports that document critical metrics, such as student progress towards graduation.”

Mehran Basiratmand
Chief Technology Officer
Florida Atlantic University

“We tend to raise more questions than we can answer, but thanks to WebFOCUS visualization capabilities, we now have the tools to investigate further, extrapolate knowledgeably, and detect anomalies in ways that we could not easily do before.”

Conrad Vanek
BI Team Leader
Loyola University of Chicago

“Although our retention rates are excellent, we are always striving to do better. WebFOCUS RStat validates our existing process for determining and working with those students that are least likely to persist, and will enable us to ensure that as many freshmen as possible become Taylor sophomores.”

Edwin Welch
Director of Institutional Research and Associate Registrar
Taylor University

“Our objective was to automate as much of the integration work as possible, lessening the need for manual intervention. If it weren’t for iWay, we would not have been able to pull this off. iWay’s technical expertise was phenomenal.”

Jack Zencheck
Chief Procurement Officer
Yeshiva University
Improving All Aspects of Learning Through the Power of Intelligence

Educational institutions of all types – from public school districts to two- and four-year colleges and universities, state departments of education, Regents, and governing bodies – rely on information to manage academics, finances, faculty and staff, physical assets, and more.

Without the right infrastructure and supporting technologies in place, vital data that can be used to improve student outcomes, finances, operational efficiencies, or to achieve other institutional goals, will remain little more than an untapped resource.

Information Builders’ business intelligence (BI), data integrity, and integration technologies help educational institutions of all types to better manage their information-intensive environments. With our solutions for Education, data from popular pre-packaged applications such as Ellucian, Banner®, Oracle, PeopleSoft, and Datatel Colleague®, as well as more than 300 other sources, can be readily accessed and made available to administrators, faculty, staff – even past, present, and future students.

With the WebFOCUS BI and analytics platform from Information Builders, educational institutions of all types can easily and cost-effectively:

■ Monitor important trends in admissions, enrollment, course registration, retention, persistence, and more
■ Better manage finances, student aid, advancement, and fund-raising
■ Improve student success, retention, persistence, and other outcomes
■ Speed accreditation and automate compliance with state and federal regulatory reporting requirements
WebFOCUS also offers fully embedded data integration, data quality management, and master data management capabilities via seamless integration with Information Builders’ iWay Software. Accurate and consistent data from any source can be readily retrieved and consolidated to optimize decision-making.

Leading academic institutions, governing bodies, and learning facilities around the world rely on WebFOCUS and iWay to support institutional decision-making, facilitate planning and reporting, and provide actionable insights to improve student outcomes, operational productivity, and cost-efficiency.
Customer Successes

Central Washington University (CWU) – A university-wide BI solution for predictive analytics, organizational decision-making, internal and external reporting, and compliance has increased the speed and flexibility of reporting at CWU. WebFOCUS provides a cohesive environment for analysis, data management, information delivery, and reporting that enables more efficient federal and state reporting and more accurate data for student retention, strategic planning, accreditation, and admissions.

Conestoga College – This public college wanted to create a curriculum that brings modern analytics tools and practices into healthcare and other industries. In partnership with Information Builders and Ontario-based Guelph General Hospital, Conestoga designed a course that includes hands-on training with WebFOCUS App Studio in the lab, experience analyzing real-world healthcare data, and field placement that puts students to work applying the concepts and skills they’ve learned. This course is generating fresh insight into hospital performance metrics that impact funding.

Davenport University – As an enterprise standard, WebFOCUS empowers Davenport to analyze, calculate, and distribute student data from a Banner ERP system. Targeted reports and InfoApps™ enable self-service reporting with little or no assistance from IT. This helps various departments, especially the registrar, financial aid, and admissions, to improve the student mix and coordinate administrative activities that move students forward. The university also reduced the time it takes to calculate financial aid awards by 80 percent and improved student retention by two to three percentage points per year for five years running.

Florida Atlantic University (FAU) – In an effort to facilitate reporting consistency, meet regulatory guidelines, and improve decision-making, FAU replaced multiple ad hoc reporting tools and made WebFOCUS its standard BI platform. The university also established a Center of Excellence to share BI knowledge and best practices. Staff, faculty, and administrators can now monitor crucial student, business, and financial trends. Additionally, in 2015 FAU was ranked Florida’s top-performer for achieving Performance-Based Funding outcomes.

Houston Community College (HCC) – Growing pressure for accountability prompted HCC to deploy Information Builders solutions. Information from disparate sources is collected, stored in a cohesive data warehouse, and presented through an existing Microsoft SharePoint environment. Administrators, staff, and board members can now gain insight into retention, enrollment, financial aid, and more. In addition, WebFOCUS is used for HCC’s extranet, known as Academic Dashboard. This application monitors key performance indicators such as enrollment, completions, transfers, retention, success, and diversity in support of its commitment to being the country’s most relevant community college.

Loyola University – When the nation’s largest Jesuit university needed BI tools that could simultaneously access Oracle, Lawson, and other data formats, it deployed WebFOCUS. More than 800 financial reports were converted to more modern, sophisticated analytics that enable more than 1,000 people to visualize data through interactive charts and graphs. With WebFOCUS, users can better study financial trends, student retention, graduation rates, recruiting statistics, and many other aspects of university business and campus life.
Minnesota Department of Education – Using funds from two federal Longitudinal Data System (LDS) grants, the Minnesota DoE set out to build a self-service extranet BI environment that enables schools to demonstrate student progress, identify strengths and weaknesses, and ultimately improve its educational systems. Interactive reports, charts, and graphs make it easy to compare performance among schools, districts, and regions, with access to student data for authorized users. Now, teachers and administrators throughout the state can make better decisions for students and their families, improving enrollment, reducing dropout rates, and streamlining educational programs.

Oklahoma State Regents for Higher Education – This agency, which sets state-wide education policies, needed a better way to present student activity metrics collected from public and participating private campuses in conjunction with a national initiative called Complete College America (CCA). The information is made available through a web-based dashboard engineered to provide easy access to higher education data. Metrics include retention rates, remediation success, graduation rates, degrees, and certificates conferred.

PGWC Education South Africa – Before the implementation of WebFOCUS, the Western Cape Education Department in South Africa, a government agency that oversees more than 1,500 public schools, struggled to prioritize investments and allocate funds across the districts it manages. WebFOCUS provides flexible, intuitive self-service reporting – complete with graphically rich geographic information system (GIS) capabilities – via intranet and extranet environments. Managers can now immediately access, analyze, and distribute complete, timely information from thousands of schools, obtaining quick answers to important questions like: How should teaching posts be allocated annually for each public school across the province? Which schools have unacceptably high student/teacher ratios and what can be done to redistribute the student population? Which grades have the highest attrition rates, and how can the number of dropouts be reduced? This insight has facilitated improved communication and cooperation among managers across the province, providing them with a common understanding of the issues and problems faced by the organizations, as well as the schools it supports.

Tarleton State University – This university prides itself on its cutting-edge information management techniques. Its Texan Facts and Fact Book portal, built on WebFOCUS, allows users to access historical, public relations, compliance, and administrative information from both a Banner ERP system and the Texas Higher Education Coordinating Board. Users can see a wide array of university and student information, such as enrollments, retention, growth by geography, transfers, demographics, and freshman SAT/ACT scores. Academic achievement information (majors declared and degrees awarded) and faculty information (salaries, tenure, and head count) are also accessible. WebFOCUS has enhanced all types of planning and decision-making across the university’s three campuses.

Taylor University – Improving its already stellar student retention rates was a top priority for this interdenominational Christian liberal arts university. Advanced predictive analytics technology from Information Builders is used to mine and analyze various data points to determine at-risk students, and refer them to the university’s Academic Enrichment Center for mentoring. By validating existing processes already in place, Taylor expects to achieve significant ROI through reduced student attrition.
**Universidad Europea de Madrid** – This leading Spanish university wanted to efficiently extract and analyze institutional data, so administrators can implement corrective measures and control key management variables. Using WebFOCUS, it developed advanced BI applications and analytics that allow faculty and staff to measure objectives, launch new projects, identify problems, and take quick and decisive action. There has been a significant increase in operating efficiency, as well as a reduction in waiting times and errors. This facilitates strategic analysis, the modeling of alternative scenarios, and the forecasting of results.

**University of the Fraser Valley** – WebFOCUS is helping this university to more efficiently gather and merge data from disparate relational databases and a Banner ERP system for consolidated reporting. Constituencies across the university, including faculty and staff, can better consume information and track metrics about enrollment, academics, program registration, and other domains. As a result, they can base planning decisions on evidence, measure progress, and compare performance across institutional areas.
Information Builders helps organizations transform data into business value. Our solutions for business intelligence (BI) and analytics, integration, and data integrity enable smarter decision-making, strengthen customer relationships, and drive growth. WebFOCUS, iWay, and Omni products work together to seamlessly cover all your information needs.

**Intelligence**
The WebFOCUS BI and analytics platform delivers rich, consumable, interactive information to the widest range of users.

**Integrity**
The iWay Data Quality Suite and Master Data Management Suite enable profiling, analysis, merging, managing, and cleansing of data from any source – structured or unstructured. Omni applications enable a single, complete strategic and operational view of key business services.

**Integration**
The iWay Integration Suite is the most flexible and agile integration foundation available, providing interoperability between disparate systems and data for faster time to market on IT and business initiatives.
Intelligence, integrity, and integration solutions help our customers seamlessly navigate the full spectrum of information management for sharper insights and fact-based decision-making.

Visit our online Education Resource Center at informationbuilders.com/solutions/education to learn more about how our intelligence, integration, and integrity solutions help to improve retention and success rates, increase staff performance and accountability, improve financial decisions, and automate compliance and regulatory reporting.
Solutions Brief

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