

Student Information System Buying Guide





INTRODUCTION

Your Student Information System choice will have a tremendous impact on your institution. Use this guide when reviewing potential providers to increase your ability to make the right choice. It covers some of the most important considerations involved with SIS selection. For each factor, details are included about why it matters and what to look for. Also provided is a checklist to use when evaluating SIS's to help you weigh the factors accordingly as they align with your institution's specific needs.

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1. DEPARTMENT SUPPORT

Why it matters - Identifying the needs of your institution is vital. Choosing the right SIS should allow you to streamline the work of your independent departments and make them as efficient as possible minimizing reentry of data, redundancies and user error. You should identify any data and technology requirements needed by each of your departments.

- 1. Recruiting & Admissions
- 2. Records & Registration
- 3. Financial Aid
- 4. Billing & Receivables
- 5. Alumni & Donor Development
- 6. Web Self-Service Portal
- 7. Residence Halls
- 8. Degree Audit
- 9. Campus Security
- 10. Higher Education Payroll
- 11. Human Resources
- 12. General Ledger Financials
- 13. Security and Administration
- 14. Reporting

What to look for – Is the SIS fully integrated and does it have all the features that the varying departments of your institution require? Does it offer the cross-campus integration you are seeking?



2. CUSTOMER SERVICE

Why it matters – When you have a question or problem, you deserve a timely resolution. With many SIS's to choose from, responsive customer service can be a key differentiator.

What to look for – Consider the overall servicing system and what types of services exist within it. What hours are calls answered? How long do you have to wait for a response? Do they provide notifications to indicate when problems or updates are necessary? Does the SIS provider have references or current clients that you can call to discuss their customer service experience? Is the provider simply reactive or also proactive in managing their system?

3. DATA CONVERSION

Why it matters – Data conversion is extremely important. Your institution's ability to successfully implement your new SIS is dependent upon maintaining your existing institutional data. Transferring this data from one platform to another is a delicate process and should only be trusted to a capable and proven provider with a conversion migration system that is complete and thorough. The end result should be a well-suited system that contains all of your institutional data, business rules and variables.

What to look for – Is there a proven implementation process and methodology to ensure that the data conversion will go smoothly? Does the provider have experience transferring data from your existing platform? How often is the data reviewed for accuracy before converting to the new system and going live? How long is the conversion period? Is the conversion of existing data cost-effective? What sort of validation is offered?

4. DATA INTEGRITY AND RELIABILITY

Why it matters – To maximize your institution's efficiency an SIS must keep the information in your database relevant, universal, and most importantly, secure. The built-in database technology of your SIS will be the basis for information access, storage, control and protection of your institution's mission-critical data and applications.



What to look for – Is the SIS database platform cost-effective and reasonable? Is it self-administering or is hiring a database administrator necessary? Is your SIS database built to maintain and protect information of your institution's scale? What sort of support is offered? Is your SIS supported by one database that is updated in real-time in all modules? What services are offered in terms of eliminating inaccurate data and preventing loss of data due to conflicting or old information? Is your information available to users for reporting, extracts and interfacing with other software? Is the database scalable enough to handle the growth of your institutional information? Is the system ODBC compliant and compatible with external tools and software that may be used?

5. SIS DELIVERY - ONSITE OR SAAS

Why it matters – The various needs of your institution will affect the delivery options of your SIS. Many providers will offer to host your SIS for you, as well as give you the option of managing and hosting the system from your institution's campus.

- a. SaaS (Software as a Service) subscriptions provide a pay-as-you-go solution with minimal upfront costs and eliminates expenses such as license fees, hardware, networking, security and technical support. SaaS allows your institution to use the services of a student information system without actually buying the system.
- b. Self-hosting of a licensed SIS allows your institution to manage its own computer environment, security, back-ups, updates, etc.

What to look for – Which delivery option best suits your specific needs? Is your institution equipped to deal with the operational aspects of a major computer system? If not, you may want to consider choosing a company that offers SaaS. Is the provider flexible? Do they allow you to change from self-hosted to SaaS or vice versa at any time? Does the provider offer updates, backups and maintenance? Does the institution have online and remote access to the database?



6. CROSS-CAMPUS INTEGRATION

Why it matters – Your SIS should allow for functional integration between departments. It should enhance all aspects of key areas across your institution's entire campus from planning through execution, management and control. It should simplify communication and information transfer making the sharing of institutional data and student records from department to department a seamless process.

What to look for – Does the SIS offer tools and services to reduce errors, redundancies or overlapping activities? Is there a single, centralized repository of timely and accurate data? Does the SIS allow for strategic planning, coordination and needs assessment between departments? Does it reduce your institution's overhead or your spending on day-to-day activities by standardizing core procedures and supporting efficiency of best practices?

7. TRAINING

Why it matters - The sooner you and your staff are able to effectively use the application, the faster you start reaping the benefits of your new SIS. After training, the SIS should allow you to streamline daily tasks and processes and enhance organizational efficiency. The training is as important as the implementation of the SIS itself.

What to look for – Are there hidden costs for initial or follow-up training? Does training on your new system use your data or a generalized training database? Is training ongoing? Does it occur in phases? Is it separated based on your institution's users and the specific interaction they will have with the system? How long is the training period? Is training onsite or offsite? Is it provided for new releases or updates? What sort of preparation or prerequisites are needed before attending training sessions?



8. PRICING

Why it matters – The pricing and payment terms of your SIS should match the needs of your institution including fiscal year timing, budget constraints and choice of delivery options. This means you need an SIS provider that cares and is responsive to your specific needs. Flexibility and customization should allow you to save money and pay for only the tools and services your institution needs and can benefit from.

What to look for – Will initial cost and payment terms fit your budget planning and still leave room for headroom and contingencies? Are the ongoing costs clearly defined by the vendor? Are all fees, enhancements, updates, and services stated in the contract? How long are the support fees and labor rates fixed? Will a third-party consultant be needed to implement and optimize the application or underlying software? Does the budget include any extra costs for temporary employees or overtime during implementation? Are travel costs included?

9. REPORTING AND ANALYSIS

Why it matters - Reporting and analysis tools are critical for measuring the effectiveness of your institution. They can be used to make adjustments to optimize efficiency on your institution's campus.

What to look for – How well do the reporting capabilities of the SIS match the reporting needs of your institution? What types of reporting are offered? Is the reporting offered insightful, meaningful and useful to your specific institutional needs? Can action be taken on behalf of the reporting and analysis in order to make changes or updates and optimize the efficiency of your daily tasks and practices? Do you have flexibility to customize the reports? How easy is it to export results and utilize the data? Can the reports be used with third-party tools or data?



10. DATA SECURITY

Why it matters – Your database is valuable proprietary information. Security should be paramount. Your SIS provider should be aware of its key role in protecting sensitive personal information about students and staff members.

What to look for – What security guidelines does the SIS adhere to? What sort of access security is provided? Are there filters and user access permissions? Can you view login and logout details? Is encryption supported? Audits and logging?

11. ONLINE INTEGRATION AND WEB PORTAL

Why it matters - Your SIS should have a Web Portal to offer real-time, anytime access and services to your stakeholders. The Web Portal should provide a direct link to your institution's administrative database functions for prospective students, enrolled students, faculty, advisors, admissions staff, donors and the development staff. It should extend key services and information to any constituent with internet access while fully preserving data integrity and security.

What to look for – Do all stakeholders have access to the database and administrative functions? Is online integration easy to implement? Consistent and accurate? Service-oriented? Does it deliver updates in real-time? Are flexible application and inquiry methods offered? Can users personalize their portal experience? Is the Web Portal labor saving and cost-efficient?

12. TECHNICAL CONSULTING SERVICES

If you need it – Having access to a knowledgeable technical service team can be a very useful tool if you are in need of technical assistance, are facing time constraints or are seeking guidance in cost. A good team can ensure that implementation and integration match your needs and are done with a pre-determined budget and timeline.

What to look for – Consider your implementation and other needs carefully. Are you in need of advanced technical support? Are you facing time restrictions? Are there ongoing costs?



13. UPDATES

Why it matters – If your SIS does not support and adopt the newest innovations and important updates to fit your needs, your system will become dated from the moment it is installed. Many important governmental rules and reports as well as new features for all modules should be part of your new SIS maintenance agreement. The market and technology are continuously evolving in higher education. Make sure you are equipped and prepared.

What to look for – Does your SIS have the ability to grow and change based on your students or changes in institutional practices? Does the SIS have an annual update plan included as part of its maintenance? Is the SIS up-to-date with government standards, procedures and regulations? What is the update policy of the SIS? Are there additional costs and maintenance fees?

14. USABILITY

Why it matters - The SIS interface affects how easily it will work for those using it. Your SIS should be configurable for easy use based on the specific needs of your institution. It should offer easy and efficient sharing of data between departments. It should store your institutional data in a single location to minimize error and redundancy. Your provider should also offer you various hosting options and packages based on your institution's technical needs and experience.

What to look for – Consider how well the SIS works on an individual level and how it works for your institution as a whole. Does it allow employees to collaborate? How much training is required? Are functions and displays consistent from module to module? Consider the ease of navigation, reporting, account configurations and profile settings. Is the workflow intuitive? Are there optional interfaces for different user types?



15. IMPLEMENTATION

Why it matters – The migration services should be complete and thorough. There should be a plan in place that is led by an experienced project management team that includes all the necessary steps to ensure that your software is set up accurately and that you are trained using your own data. Data conversion should also be smooth and seamless. Make sure the SIS provider has experience retrieving data from other systems before giving them access to your database to transfer the information.

What to look for – What is the timeframe of implementation? Is there a project management dashboard to break down tasks, responsibilities and dates? Is there setup configuration? Conversion validation? Does the SIS offer a test environment before making the system live? What sort of training is offered during the implementation process? Is there a regular dialogue between the vendor and the customer to document and fix errors?

CONCLUSION

EMPOWER has prepared this instructional guide to help you along the way with your Student Information System selection and implementation process.

While EMPOWER does not normally offer software selection and evaluation services, we have exceptional combined experience in this area both as software developers and as commercial software managers and consumers. We are pleased to share this knowledge and insight with you in hopes that you are able to purchase the Student Information System that best meets the needs of your institution.

We have also prepared a comprehensive workshop to aid you in your selection, as well as guide you through the various steps of implementation. We would be pleased to discuss offering this as a service to you and your colleagues as an added tool or next step in your decision-making process.



SIS CHECKLIST

The SIS Checklist is another tool that provides objective selection criteria that your institution can use to make an informed decision. You can customize the checklist to cover specific departmental and functional needs. The SIS Checklist is also extremely valuable during the buying process to track each provider's answers to specific questions and to rate them during the demo process. The SIS Checklist is available in electronic format by calling 888-826-6773.

Vendor Qualifications	Vendor 1	Vendor 2	Vendor 3
Is responsive to our needs			
Fits our business practices			
Uses a helpful, consultative approach			
Provides a well-organized implementation and training process			
Offers flexible options, including cloud-based (SaaS) computing			
Includes setup services that enable quick implementation			
Provides system built with one powerful, seamless database to eliminate redundancies			
Establishes clear, straightforward ongoing support fees that are inclusive of all services updates, fixes, underlying software, etc.			
Support costs are quoted for five years			
Provides sufficient support to meet our needs			
Provides support interface for resolution and follow-up			
Provides training with our actual data and our business rules setup, not a generic template approach			
Offers training location that is flexible on campus or other			
Includes follow-up training in maintenance fee			
Includes frequent updates in maintenance fee			
Has strong technical team			
Implementation and Training			
Offers a rapid and thorough implementation plan			
Provides thorough data-gathering toolkit and process			
Provides onsite analysis and pre-implementation service			
Includes setup of rules, values, variables, etc.			
Provides complete data conversion effort			
Manages implementation plan using an executive "dashboard"			
Includes training that is thorough and customized			
Includes refresher training and follow-up consultation in maintenance fee			

Business Characteristics		
Contract is acceptable with reasonable negotiations		
Pricing meets our budget		
Proposal is comprehensive, yet straightforward		
Proposal includes clearly defined deliverables		
Provides references upon request		
Provides an established support plan		
Includes regular updates as part of standard support		
Caps support price increases		
Look and Feel		
Menu structure is logical and flexible		
Offers easy navigation		
Offers unlimited user-defined data elements		
Saves change history (names, addresses, etc.)		
Preserves term orientation history (no overwrites)		
Provides extensive data search capabilities		
Offers help and documentation online		
Incorporates screens that are easy to read and logically chained		
Presents data comprehensively (few clicks to get what we need)		
Incorporates consistent styles and procedures throughout modules for easy training		
Admissions		
Provides communications logging		
Offers communications timetable and sequencing		
Includes user-configured status and entry levels		
Includes provision for interests and activities		
Offers email option		
Provides automated letters and emails		
Includes missing document requests		
Includes test scores, transcripts and transfer classes		
Allows admissions awards for financial aid		
Offers funnel reports		
Includes standard queries and reports		
Imports lists from outside resources		
Integrates ISIR downloads to admissions		
Supports relationships (siblings, legacy, etc.)		
Configures acceptance criteria		
Interfaces with Noel Levitz, Carnegie Group, Hobsons, etc.		



Records and Registration		
Offers catalog management		
Provides comprehensive course master		
Includes requisites (co-, pre-, concurrent, range)		
Enforces requirements for program, status, major, etc.		
Defines honors and status (cum laude, probation, etc.)		
Provides ease of registration		
Offers block, group and Web registration		
Provides date-based add/drop/withdraw logic		
Includes automated waitlist		
Incorporates grading flexibility (multiple grades and weights)		
Includes narrative grades		
Supports study groups and feedback		
Includes transcripts (flexible formatter)		
Covers IPEDS and other state and federal DOE data		
Offers accrediting agency reports		
Provides NAIA reporting		
Provides Clearinghouse interface		
Saves change history (grades, majors, programs, address, names)		
Faculty and Advising		
Offers degree audit		
Offers at-risk student alerts		
Provides access to student schedules		
Offers permission to register advisees		
Provides grade entry via Web		
Provides attendance entry via Web		
Accesses academic schedule/calendar (past and future)		
Accesses full course and section details		
Degree Audit		
Sets up initial catalog year with multiple years supported		
Tracks multiple majors, minors and programs; general ed requirements		
Offers Web access		
Student Accounts		
Provides inclusive integration no retyping, no manual intervention		
Provides standard accounting rules and tools		
Includes aging, collections, payment plans, third-party billing		
Provides cashier support		
Includes automated holds		
Interfaces to general ledger		
Prints refund checks and provides step payments for refunds		
Includes 1098T (US IRS print, file transfer, on Web)		
Includes T2202A (Revenue Canada)		

EMPOWER STUDENT INFORMATION SYSTEM

STUDENT INFORMATION SYSTEM BUYING GUIDE

Financial Aid		
Integrates ISIR into database		
Automates verification		
Interfaces with COD		
Allows for budgeting/cost of attendance		
Automates packaging		
Provides aid code edits/rules		
Provides integrated satisfactory academic progress		
Supports awarding and disbursement		
Provides award letters on the Web		
Includes direct loan processing		
Pre-configures and updates federal programs each year		
Incorporates institutional grants and scholarships		
Provides scholarship budget management		
Includes work-study support		
Allows state programs		
Integrates with student accounts		
Includes FISAP		
Includes EFT calculation (federal guidelines supported)		
Calculates SAP from live data		
Housing Student Life		
Identifies housing needs at application		
Manages roommates and preferences		
Allows for prioritization scheme		
Offers flexible room rates (daily, weekly, monthly, term, variable)		
Allows for easy hotel-style check in and out		
Covers meal plans		
Supports amenities, handicap, and other room characteristics		
Includes standard reports		
Provides RA tools (birthday list, list by name, room, etc.)		
Includes co-curricular activity transcript		
Campus Security		
Includes vehicle registration		
Includes parking management		
Provides campus police incident reports		
Includes Federal Uniform Crime Report (Clery Act)		
Allows for queries by car, decal, license plate		
Includes campus location database		



Campus Judicial		
Includes flexible definitions		
Is process-oriented		
Covers outcomes and sanctions		
Includes privacy		
Includes adjudicators		
Includes hearing notices		
Web Self-Service Portal		
Enables information to be applied to database upon admin review no retyping		
Includes key functions:		
Applications and inquiries		
Award letter acceptance/rejection/modification		
Missing documents for admissons or financial aid		
Online registration		
Grades		
Attendance		
Payments (application fee/balance)		
Personal information changes		
Surveys		
Schedules		
Supports personalization by users and administrators		
Enables integration with web site; look & feel		
Offers data book		
Alumni and Donor	I	I
Monitors pledges and gifts		
Manages events and functions		
Processes matching donations		
Offers profiles for advanced processing of constituents		
Includes list management		
Includes LYBUNT/SYBUNT report plus other standard reports		
Includes solicitor to-do list		
Includes phonathon and raffle support		
Includes moves management		
Reporting, Queries, and Extracts	l	l
Offers standard query and report tools with flexible report selection screens		
Reports on "live" data		
Creates snapshots of data for date-based reporting and analysis		
Extracts to Word and Excel		
Enables use of database views and other ease-of-access methods		
Places reports within security and menu structure		
Includes reporting profiles for standardized pre-selection		
Supplies federal and state reports and data for IPEDS		

Interfaces with Financial System		
Passes journal entries to general ledger		
Passes details or summary to general ledger		
Uses our general ledger account numbers/chart of accounts		
Interfaces refunds to payables		
Prints refund checks		
Interfaces with Other Systems		
Library		
Photo ID		
Bookstore		
Imaging		
Scheduling		
Online course systems (Moodle, Blackboard, etc.)		
Single sign-on		
Microsoft Office (Word merge, Access, Excel imports)		
Security and Access	1	
Generates ID that is different from SSN		
Provides need-to-know access permissions		
Offers encryption		
Incorporates record identifier (hidden key) that is different from ID or SSN		
Provides group and individual permissions (read, write, modify)		
Extends security to reports, extracts and queries		
Technology Support Requirements		
System can be managed without the need of an in-house DBA (database administrator)		
Requires minimal time for updates		
Issues updates that are easy to apply (no code patches)		
Offers emergency server backup		
Offers support from off-campus workstations		
Includes utilities for backup and housekeeping		
Supports vendor-based software (RDBMS, Web tools, etc.)		
Is non-proprietary throughout (hardware, development tools, etc.)		
Has desk-top support strategy (thick/thin client, browser)		
Has Web access for entire system		
Provides copies of database for testing and training		



WHY EMPOWER?

Better Software. Better Service. Better Value. The EMPOWER difference.

EMPOWER Student Information System's comprehensive, yet modular design connects students, faculty, alumni and staff, and makes managing your campus easy.

During implementation, training, customer support and everyday usage, EMPOWER offers the best service, consulting and assistance to make sure your implementation works to meet your institution's unique and evolving needs.

With a lower cost of ownership and straightforward, honest, "no surprises" pricing, EMPOWER Student Information System isn't just a choice; it's a better choice.

EMPOWER STUDENT INFORMATION SYSTEM

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