

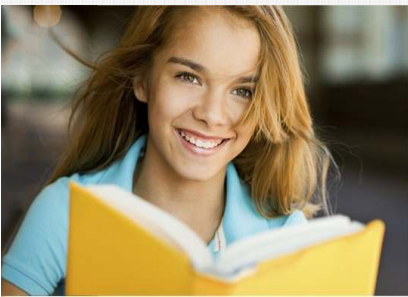


eduCAN



## Introduction

eduCAN is an enterprise software suite that helps manage all aspects of operating an educational establishment. By leveraging on the scalable, robust and flexible platform, eduCAN results in a broad solution that empowers every educational establishment with a convenient and cost-effective web solution that integrates, streamlines and helps manage all the distributed & heterogeneous operations under one single platform.



It is a complete suite which is tailored to address the common operational issues faced by an educational establishment. With its scalable and robust web based architecture the solution can be delivered anywhere.

The solution consists of three major components:



### Learning management suite

Creates a well organized learning environment that seamlessly blends the conventional teaching-learning process with social learning & e-learning and helps reach & engage the students beyond the classroom.



### Collaboration Suite

Empowers the users with multimodal communication & networking capabilities by leveraging on powerful & pluggable web 2.0 social media and promotes better ways to interact with the community.



### Campus Administration Suite

Streamlines all heterogeneous and distributed operations and activities of the institute and manage them smoothly under one single convenient platform.

## About Us

Founded by a group of BITS-Pilani alumni, Serenus Information Systems is focused to abridge the concerns of today's growing world using the latent potential of Technology.

## Mission

We at Serenus believe that there is a wide spectrum of technology that is left unexplored and that this unexplored side of technology holds key to most of the concerns today's business has. We aim at unleashing this latent potential of technology to provide world-class solutions to your problems and help you add value to your business.

## Contact Us

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## Learning Management Suite

eduCAN - learning management suite provides an effective e-learning platform for educational establishments. It is aimed at creating a well organized learning environment and thereby making the process of imparting learning easy and effective by complementing & enhancing the conventional teaching-learning process.

In today's times when just the traditional classroom-centric learning models are not applicable, eduCAN provides all the necessary tools to deliver the learning content symmetrically beyond the classroom and transcend the physical barriers of learning. It is a complete suite which addresses all the needs in managing learning activities, resources, curriculums and courseware efficiently and effectively.



eduCAN ensures:

### Improved participation of learners

- Reach students beyond the classroom with the powerful web based platform and enhance the collaboration among the students and teachers.
- Students can learn at their own pace, whenever they want and where ever they want.

### Improved instructional efficiency

- Streamline all aspects of instructing a course and manage the learning activities, resources, curriculums and courseware efficiently and effectively.
- Get rid of the traditional paper work for maintenance of marks, grade sheets, assignments etc.

### Improved assessment at every level

- Assess the performance of individual student, course & department exhaustively with the comprehensive reporting platform.
- Assess instructors, institutional objectives with the feedback provided by students.

The powerful, 100% web-based LMS with a user friendly and intuitive interface, makes e-Learning easy and helps deliver the content right at the learners desktop. Its scalable, robust, and flexible platform helps manage both conventional and e-learning activities and share resources, curriculums, and courseware across the domains.

### Course Planning & Management

eduCAN Learning Management System provides a rich and efficient course planning tool for the instructors/teachers and eliminates the uncertainties and flaws of human management. The end result is a perfectly planned and laid out structure of the courseware owing to a meticulous approach from both the instructors as well as the students' perspective. It provides a vast portal of relevant and expert reference materials to help students stay in league with the class and also enhance their understanding. It is a complete integrated solution that transcends all the physical barriers and shortcomings of the conventional learning system and blends with it seamlessly.



## Learning Management Suite

### Evaluation & Assessment Platform

One of the core objectives of eduCAN is to make instructors focus on providing rich-learning to the students rather than concentrating on administrative activities. The evaluation and assessment platform provides all the necessary tools to manage the evaluation components of a course and added to this, the integrated assessment tools provide different ways to track the progress of student.

### Knowledge Base Management

In addition to the rich set of tools provided to design, develop and deliver the courseware, the centralized knowledge repository provides an intuitive way for the users to access the courseware through their personalized interface. Course plans, content & the recorded screen-casts form an inexhaustible knowledge base that can be used for all future references. The integrated library management system provides the necessary tools to manage all the physical and e-learning resources of the library.

### Feedback & Quality Management

eduCAN ensures constant improvement in the quality of the education by taking into account a regular feedback from all the users in the system, i.e. students, instructors, parents. It provides both qualitative & quantitative tools to evaluate efficiently the teaching-learning process and results in an increased rate in the achievement of the learning objectives. Such constant evaluation vastly enhances the scope and potential of the education and helps align the learning objectives towards the institutional goals.

### Analytics & Metrics Platform

eduCAN platform extends the teaching-learning information to a whole new assessment platform that helps set and measure outcomes aligned towards institutional objectives. The tools provided help define key performance indicators & metrics and track the outcomes and make informed decisions to improve upon them. The analytics & metrics platform provides clear, readable reports with real-time data and the customizable data views give the ability to gain specific insights.

## Features List

### Course Planning & Management

- Plan & Manage the topics/components to be presented in the classroom
- Plan semester calendar
- Share learning content and courseware
- Manage and assess students' attendance
- Academic weekly Time Table
- Lecture Capture Tool

### Evaluation & Assessment Platform

- Plan & Manage evaluation components
- Manage & Print marks & grade sheets
- Online Assignment Posting and submission
- Graphical tools for assessment of performance.
- Email reminders, notifications to send grade/mark sheets, exam schedules and assignments to students.
- Conduct online exams to individuals or group

### Knowledge Base Management

- Archive course content to make available to the students for future reference i.e. e-library
- Smart search feature for retrieving archives
- Integrated library management system
- Standardized cataloging and shelving of the library
- One click access to library resources through OPAC

### Feedback & Quality Management

- 24 \* 7 Feedback on the ongoing courses
- Automated feedback mails
- Publish surveys within students & teaching community at regular intervals
- Both qualitative & quantitative graphical tools to analyze survey responses

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## Collaboration Suite

eduCAN - collaboration suite helps connect and engage the entire community within the institute with the use of real-time and asynchronous communication channels. eduCAN reduces the gap between the students and teaching community and improves the interaction of the both the entities with the help of rich web 2.0 collaboration tools like discussion forums, instant messaging, live virtual class rooms with interactive application sharing and content sharing tools.

eduCAN empowers administrators with immediate and effective communication tools to send and track personalized messages to students, faculty, staff and parents within a moment's notice through a variety of channels.

Its seamless integration with the Learning management suite and the Campus administration suite makes personalized communication for everyone in the system quick and convenient. eduCAN replaces the conventional communication methods by providing a robust and fail-safe technology platform that allows thousands of personalized messages to be delivered instantaneously in a variety of formats like SMS, email, voice mail, fax etc and the web 2.0 standards make it possible to integrate the platform with social media.

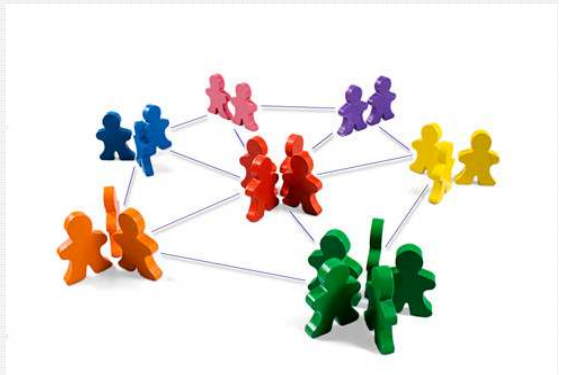
### Platform advantages:

- Better interaction/collaboration between the student & teaching community.
- Leverage on the social learning paradigm.
- Communicate and collaborate through various real-time and asynchronous channels.
- Disseminate time-sensitive alerts and notifications in a moment's notice.

### Alerts & Notifications system

Be it an emergency, time-sensitive notification or regular day-to-day courseware information, the Alerts & Notifications system ensures the information is delivered by leveraging on the robust and failsafe technology platform. It serves as an immediate and effective communication tools to send and track personalized messages to students, faculty, staff and parents within a moment's notice through a variety of channels. The system provides an intuitive single click message dissemination feature to reach the entire community simultaneously in a moment's notice.

- Multiple modes of message dissemination like email, SMS, Voice, Fax etc.
- Ability to schedule alerts & notifications on a day-to-day basis.
- Ability to subscribe/unsubscribe from specific channels and notifications.
- Tracking of delivery status of the messages.
- Seamless integration with the other suites of products.





## Collaboration Suite

### Real-Time Communication Platform

The real-time communication platform removes the geographic barriers from the learning environment by providing tools that help communicate, collaborate and interact no matter where a user is. The platform provides educators with tools that help them deliver the course synchronously in a virtual environment with intuitive controls just as they would in a regular classroom.

The delivered lectures can be recorded and stored in the central repository and can be streamed later on demand. The virtual environment provides intuitive controls that make the environment similar to a regular classroom with audio, video & chat tools for communication along with an interactive whiteboard and screen sharing features.

### Asynchronous Communication Platform

The asynchronous communication platform provides the tools that allow people to connect together at each user's own convenience and schedule. These tools are helpful in capturing the history of the interactions allowing the collective knowledge to be shared and distributed easily.

The platform allows sharing of learning objects in various forms like podcasts, videos, e-books, feeds, web slices and url's through various channels like discussion forums, blogs, wiki's and e-mail. Its integration with the learning management suite serves as an effective learning resource sharing utility. Combined with the screen casting tool, lectures can be recorded right from the instructors desktop and shared as part of the course material.

### Community Networking Platform

The community networking platform helps connect and keep informed the students, instructors, parents, alumni and others. The main aim of the platform is to create a network among the users and keep informed of the latest happenings at the campus. The alumni portal keeps the current enrolled students connected with the alumni and helps share experiences.

The platform also serves as a newswire to share the latest news with the community members via the web media. The placements portal gives a better reach into the students and helps project the students achievements in a better way.

## Features List

### LMS - Analytics & Metrics Platform

- Easily understandable graphical aids
- Fully customizable ad-hoc reporting
- Seamless integration with collaboration platform
- Export and share reports in standard office formats

### Real-Time Communication Platform

- Virtual classrooms with interactive white boards
- Share documents, desktop and application screen
- Moderate classroom with complete control
- Communicate using text chat, audio & video conferencing
- Live assessment tools like opinion polls & quizzes
- Record the lecture session and stream on demand

### Asynchronous Communication Platform

- Extensive set of communication tools like discussion forums, Blogs, wiki's
- Integration with the learning management system
- Provision for personalized on-demand communication through email and SMS

### Community Networking Platform

- Different portals for Alumni, Placements and parents
- Deliver information via news feeds
- Configurable privacy for the information
- Integration with the alerts and notifications platform

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## Campus Administration Suite

The campus administration suite streamlines all heterogeneous and distributed operations and activities of the institute and helps manage them smoothly under one single convenient platform. The solution ensures a proper communication channel among all the departments and results in accountability and transparency in the operational tasks by providing real time visibility into the operational status.

The suite provides the tools that help in delegating tasks and create self help systems for the users, reducing the manual work. Combined with the collaboration suite, it serves as a quick and convenient communication channel for all the departments and helps the administrators communicate effectively.

Its failsafe and scalable architecture ensures enhanced data safety. The suite aims at reducing the manual work and helps achieve maximum paperless administration. The workflow management allows definition of custom workflows and the profile based access ensures the users have access to information that they are allowed to. The flexible architecture of the solution allows it to be integrated with other data sources and ensures data integrity in synchronization with other existing systems.

### Student Information System

The student information system manages the entire academic lifecycle of the students. Right from enrollment to graduation the system holds the entire history of student's activities and achievements. Combined with the accounting system, it provides a consolidated, end-to-end service to manage the student's academic as well as financial life cycle.

The system provides an intuitive interface to access the student information including student performance, achievements and the personal details.

- Web based admissions, application processing and student enrollment.
- Integration with accounting system for student financial reporting.
- One click access to student's campus history.
- Provide faculty a centralized access to the student's academic performance.





## Campus Administration Suite

### Financial Management and Accounting system

The financial management and accounting system helps organize and manage all the financial aspects of the campus. It helps in planning finances and grants of all the departments, streamlines cash-flows & transactions and provides a real-time visibility into the enterprise finances through consolidated reports. The system ensures enhanced data security and compliance with various predefined policies.

Combined with the student information system and payroll system, the solution serves all the needs in managing the student as well as staff finances in accordance with the definable policies of the institute.

### Staff & Payroll management system

The staff & payroll management system provides a unified solution to manage the employee life cycle. It serves all the human resource functions to effectively manage the employee related administrative tasks. The payroll management system integrated with the financial management and accounting system ensures timely distribution of the funds for the staff. The system allows defining custom HR policies for the staff that again reflects in the accounting system.

### Workflow & Compliance Management System

The system provides flexible and customizable tools to define business workflows the support the administrative processes. The ability to define rules and tolerances ensures transparency in the administrative activities and helps continuous monitoring and error prevention in accordance with the defined compliance standards.

The inbuilt document management system ensures the business critical information is accessible from a safe & centralized location. The system provides real time visibility into the operational tasks & achievements and ensures the activities are compliant to the predefined goals and standards.

## Features List

### Financial Management and Accounting system

- Manage funds and grants for all departments.
- Real time visibility and transparency of transactions.
- Comprehensive financial reporting.
- Ability to integrate with other systems.

### Staff & Payroll management system

- Manage entire employee life cycle.
- Staff leave management and approval process integrated with payroll system.
- Custom definable HR policies.
- Centralized access to staff information.

### Workflow & Compliance Management System

- Streamlines workflow & communication among the departments.
- Custom definable workflows and approval processes.
- Secure document management system.
- Real time visibility into the tasks through comprehensive reports.
- Proactive status reporting on the tasks.

## Features

### Learning Management Suite

Course creation, deletion & allocation to staff	Time table planning and management	Lesson planner
Share course material with students	Record classroom lectures	Student attendance management
Online assignment posting & evaluation	Conduct online examinations	Manage and publish academic calendar
Student project allocation & management	Departmental research information sharing	Examination scheduling & management
Student backlog records	Regulations management	University result import
Library management system	Centralized content repository	Design and conduct feedback surveys
24x7 feedback mechanism	Departmental suggestion box	Year wise & semester wise student marks segregation
Consolidated student performance report	Department wise comparative analysis reports	Course performance reports
Student attendance analysis	Library analytics & reporting	Export/Print reports to be submitted to
Placements statistics & reporting		

### Collaboration Suite

SMS Alerts	Email Communication	Course related notifications
Attendance reports to parents	Transportation related communications	Fee payment alerts
Due notifications	Staff finance related communications	Staff leave notifications
Virtual classrooms	Video & Audio conferencing	Discussion boards
Subject related threaded discussions	Blogs & Wiki's	Student counselor management
Student counseling communications	Student disciplinary remarks	Portal for parents & Alumni
Portal for placements	Public news wire	RSS feeds

## Features

### Campus Administration Suite

Student admissions & enrollment management	Student personal information recording	Student photographs and biometric information logging
Student communication information	Student certificate designing & issue	Self help kiosks
Student caution deposit register	Student fee management	Fee collection
Define student fee templates	Manage scholarships and differed payments	Fee collection reports
Expenditure management	Miscellaneous accounts management	Staff information management
Staff payroll management	Design salary templates based on design	Auto-payments & deductions
Staff expense report submission	Staff leave management	Staff payroll & pay-slip generation
Centralized document repository	Academic planning and calendar generation	Manage disciplinary case student records
Define administrative workflows	Conduct administration compliance evaluation	Manage examination branch documentation

## Contact Us

To find out more about the product & related service

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