



STUDENT INFORMATION SYSTEM

# The SIS As Reimagined by The Ed Community

SIS is a modern, purpose-built Student Information System made by and for educational institutions of all shapes and sizes.

## 🎯 Created through the lens of real users

Envisioned by education stakeholders and continuously improved through [the SIS-Initiative program](#), the solution offers students, faculty, and administrative staff a range of innovative features and tools they have long desired.

## ★ Designed for a next-gen experience

With intuitive, consumer-grade interfaces, SIS delivers the experience and timely services your Gen-Z audience expects. Its high human-focused standards and efficiency will spread unparalleled velocity across your whole organization.

## 🚀 Enables business model innovation

Built with modern technology and leading software practices, SIS solves today's problems and offers the flexibility to grow, create services, expand partnerships, and embrace the excitement of the future!



## The SIS-Initiative Program

We highly value co-creating a solution that works for education stakeholders and gives back to the community. Through the SIS-Initiative program, partners have the opportunity to shape the [product roadmap](#) and incorporate additional services they deem necessary for the solution's success. Furthermore, part of the revenue is rechanneled for [students' financial support](#).

**“SIS is a comprehensive, cost-effective system that provides an exceptional user experience and a wide variety of innovative functionalities.”**



**Dr. Dany Mezher**  
Rector's Advisor for IT Affairs  
Université Saint Joseph (Lebanon, United Arab Emirates)

# Core Modules

## Configuration and Administration

Includes the necessary configurations for the university, institutions, programs, and courses offered. It also defines the campuses, countries, and calendars.

- Manage the institution's **structure**
- Manage **programs and courses**
- Set the academic calendars **per country**
- Define **cohorts** and their catalogs
- Control **campuses**, buildings, floors, and **classes**
- Manage students, including **customizable student file**
- Define **customizable** user permissions and collaboration

## Student Enrollment and Graduation

Caters for defining students, enrolling them in cohorts, and graduating them. It also supports transferring students from outside or within the institution.

- Enroll students in **cohorts**
- Enroll students in **instances**
- Create events as part of each **course evaluation**
- Detect exam scheduling **conflicts**
- Perform data entry and validation for **grades**
- **Track student progress** and transcript generation
- Support internal/external **transfer** and handle courses **equivalences**
- **Graduate** students from cohorts

## Analytics and Reporting

Offers customizable reporting and decision-making tools making smart use of the vast amount of data collected through the SIS:

- **Financial**
- **Student success**
- **Admissions and enrollments**
- **Faculty and staff**
- **Facilities and resources**

## Planning and Teaching

Determines the courses to be taught each semester, along with their composition, syllabus, teachers, the language of instruction, classes, schedules, capacity, and other related operations.

- Schedule courses with **smart timetabling**
- Match **grading schemes** with course
- Monitor teacher **workload**
- **Coordinate across** campuses and institutions
- Detect classes, teachers, and students' **conflicts**
- Slice and merge activities for **resources optimization**

**Schedule by:** cohort, course, teacher, student and class.

## Student Mobile Portal

Provides a comprehensive range of student self-service features, including enrolling in courses, scheduling classes, setting notifications, and managing personal profiles.

- **Courses enrollment** per semester
- **Schedule**
- **Self-enrollment** into courses
- **Student profile**
  - Personal information
  - Cohorts progress
- **Notifications**
  - Transfer approved
  - Class cancellation
  - Grades published





# Embedded Capabilities

We make sure that the core system brings advanced solutions for long-standing problems; here are just a few to get you started, but more is on the way!



## Data Governance

- Centralized data across the organization
- Customizable reporting & decision-making tools
- Student comprehensive view from the application to graduation and post-graduation



## Universality

- Multi-language interfaces, including Arabic
- Multiple time zones, calendars, & campuses
- Caters for non-credit configuration
- Country-specific requirements for institutional accreditations and compliance



## Documents Management

- Embedded Content Management System
- Stores and facilitates the management of legal documents and courses material



## Flexible Rules Engine

- Embedded Smart N-Level rules engine, dynamically manages rules and exceptions across all modules
- Controls cohort enrollment, graduation, and courses enrollment



## Advanced Cohort Concept

- A cohort is a set of students with a specific catalog, calendar, campus, and rules
- Segregates different program instances and facilitates program tracking, students' transfer, graduation, and more!



## Scheduling Made Simple

- Scheduling execution from class, course, cohort, teacher, and student perspectives
- Integrable robust automated smart timetabling system



## Programs and Courses Sharing

- Secure sharing of programs, cohorts, activities, and instances with partner institutions



## Flexible Course Composition

- Slicing and merging academic activities
- Merging student groups for a set of lectures
- Assigning different teachers to different lectures
- Solving complex graduation scenarios



## Space Management

- Dedicated Space Management feature with campus structure, organization, institution booking
- Conflict detection for classes, sessions, and exam



# A Worry-Free Technology

SIS is built using open-source technology while maintaining Microsoft compatibility. It leverages the Cloud and micro-services to provide scalable, secure, and economical technology.

## Turnkey

We offer ready-to-use software with exceptional customization capabilities, including the option for white labeling.

## Deployment

SIS is a safe and reliable Cloud platform that offers efficiency and cost-effectiveness, with the option of a hybrid or on-premises solution.

## Licensing

As SIS is built using open-source technology, the solution doesn't require any additional licenses.

## Integrations

SIS efficiently integrates with your existing IT systems and services, such as LMS, CRM, collaboration tools, and ERP.

## Data Migration

We ensure data is cleansed and imported to SIS for seamless continuity.

## Support

Our team's engineers and software experts are your point of contact.



## About CME

We are a multinational technology firm. We have helped over 100 clients worldwide, including top US Fortune 500 companies, to become and remain leaders in their fields. We provide premium end-to-end tailor-made solutions and technology services across different disciplines, including Software Development, Smart Devices Engineering, Customer Experience, Internet of Things (IoT), Artificial Intelligence (AI), Data Management, and Process Automation. Our teams of highly skilled engineers, creative thinkers, and practice-specific experts from 8 locations across the globe delivered more than 300 innovative projects. To date, we have served over 80 million users while contributing to 8 US Patents.

**Let's Talk**

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