

Administrative Transparency | Efficient Performance | Monitoring & Control

Globally Operational
Comprehensive Education Management Suite

eML4 Government
University
Campus
College
School



Imagine
& Execute

AUROMERA
TECHNOMETRIX PVT. LTD.



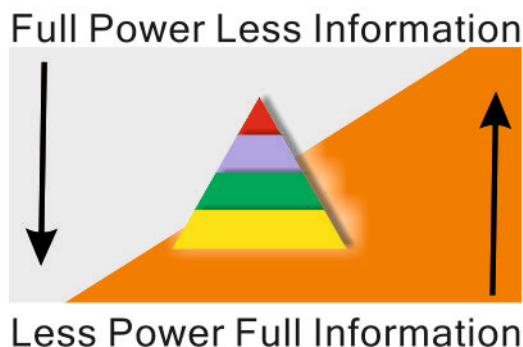
Indian IT Product Company Since 2004

www.auromeera.com



Available in Regional and International Languages

Problems with existing system



Outcome

Less Transparent
Time Consuming
Laborious
Highly Error Prone
Risk of data abusing
(Data Manipulation)
Risk of Rules Violation
High Operational Cost

The Solution Concept



Decision Support and Management Control System

The eMLi from AuroMeera Technometrix Pvt. Ltd. is a **comprehensive 100% WEB-BASED** institute management system, focussed to overcome the major drawbacks of the existing administration system in the institutions of education in India and across the globe. Developed in **Open Source Environment (LAMP)** it is working in production at various places including Campuses, Colleges, Schools and Universities worldwide. The eMLi package of automation and efficient administration can get extraordinary outcomes with integrated solution for all the academic and administrative requirement.

eMLi is a software product for educational institutes. It entertains all three entities of the organization i.e.

**Students,
Employees and
Material (Dead Stock)**

The product covers management of each aspect of these entities. We have incorporated management from **Admission to Placement** for the Students, **Recruitment to Retirement** of the Employees and **Purchase to Write-off** of your material stock. In addition, the system can be linked with Online Web Portals which will be automatically updated through the software itself.

With the implementation of eMLi the institute can provide access to their resources through **Online Student/Parents Login** where they can check the course progress, check the attendance, pay the fees, communicate with the institute. The eMLi can easily be integrated with most of the latest technologies e.g. RFID, Bar Code, QR-Code and GPS. The Interactive Dashboard and BI Reports of the system will provide you visualization of your data.

In total, developed in Open Source technology, the eMLi and eMLi:com-net is the perfect, cheapest and the most secure solution for your organization.

Three Major Outcome of eMLi

Administrative Transparency and Accountability
Preparedness for immediate solution for reforms
Efficient Organizational Performance

Web-Based

Open Source

Integrated

Comprehensive

Efficient

Effective

Progressive

Secure

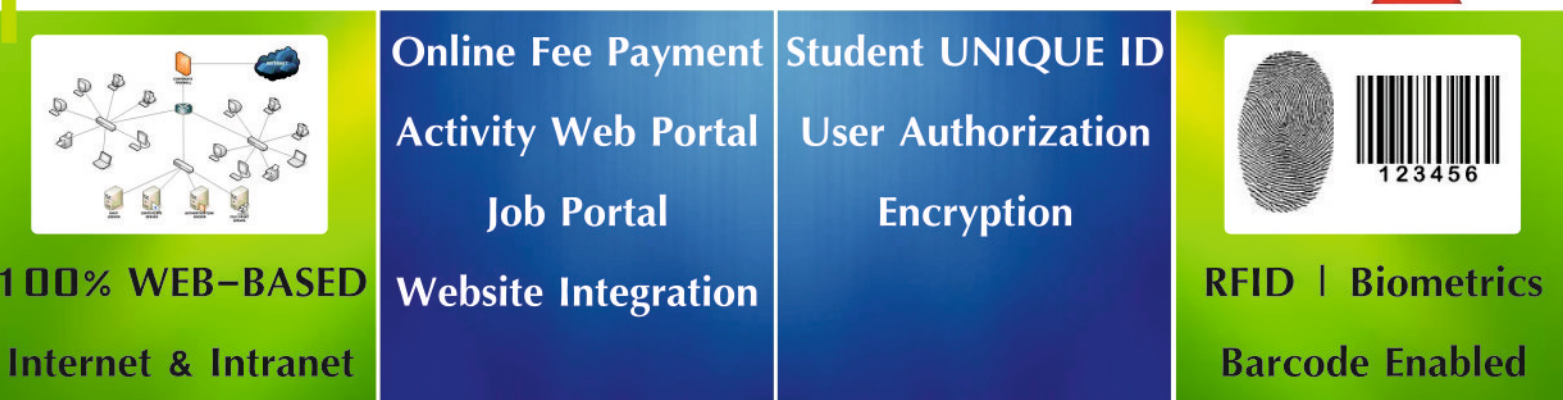
Advanced

Globally Operational

Latest Technology

Less Manpower

More Productivity



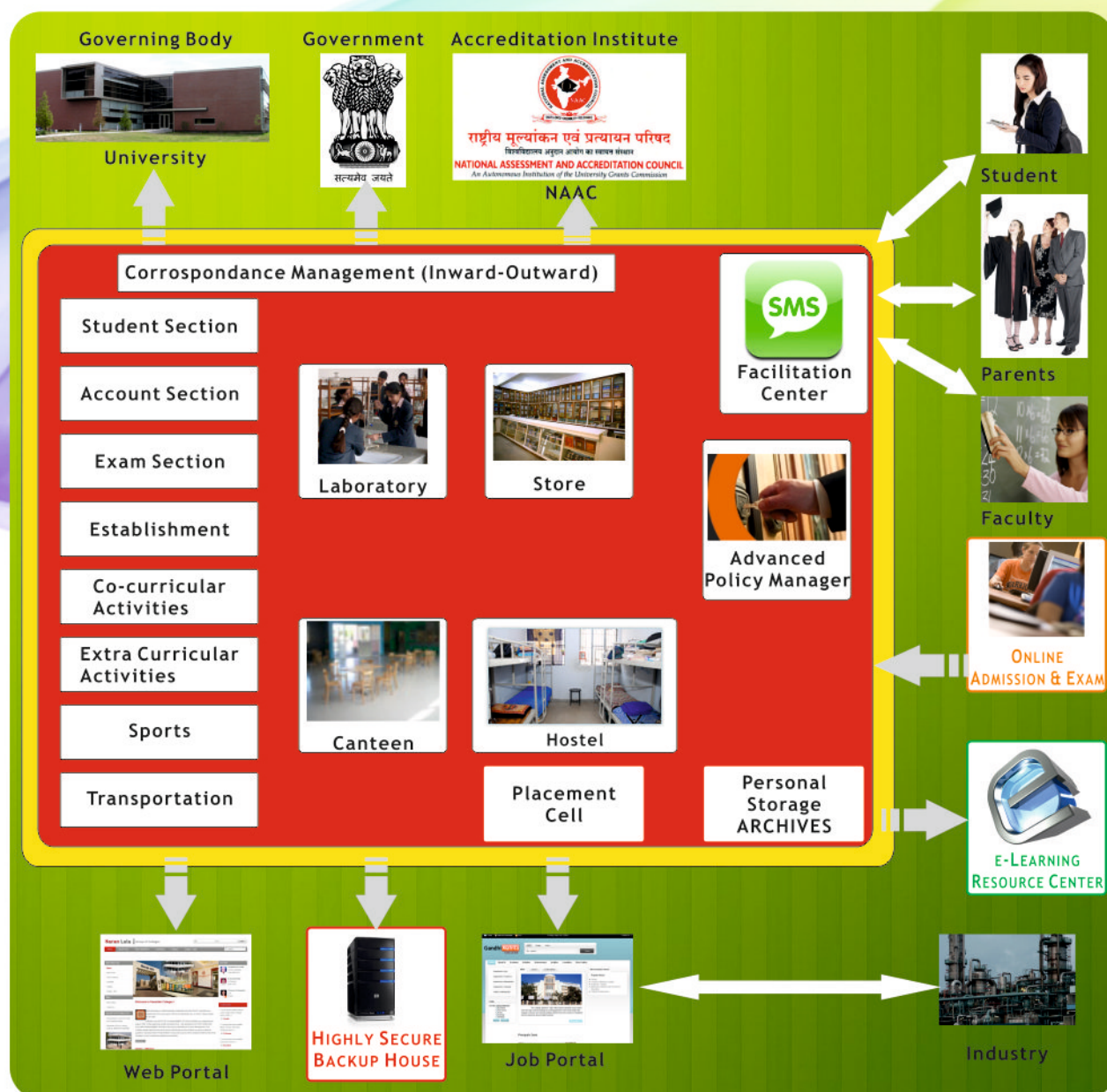
Multiple User Interface

Any number of users can work on a single integrated software and on the same database from anywhere in the world.

User Profiling

User can be restricted to perform unauthorized operations. Assign specific permissions to a person or a group.

System Facility Overview



The eMLi includes mainly four types of management. **Administrative Management, Academic Management, Personal Management and Stuent-Parents-Employee Facilitation Center** through automatically updated Built-in-Portals .

Basic Software Frame Work Modules:

Campus Mangement Module

Master Entry of Institute & Infrastructure, Master Entry of Department &

Program and Academic Year Setting

Software User Management Module

Rights Setting and User account Management

Student Admission Module

Form Purchase & Distribution, Form Entry and Reports

Fee Module

Academic Fees Structure Define, Fees Date, Term & Installment and Fees Collection

Fees Reports Module

Student Fees Report, Fee's Collection Report, Pending Amount report, Headwise report, Duplicate Fee's Report, Detail Report and Summary Report, Head Summary Report, Today's Collection Report

Administrative Modules:

Student Record Keeping Module

Student Activites Module

Leave Application, Notes/Complaints, Subject Allocation, Submission, Class Test, Academic Project, Enrollment Number, Promotion, Transfer, Admission Cancellation and Re-admission

Certificates Management Module

Provisional Passing Certificate, Refund Deposit Certificate, Transfer Certificate, Transcript Certificate, Bus/Railway Concession, Recommended Latter, Reprint/Duplicate Print, Academic Syllabus, Attempt Certificate, Bonafide Certificate, Character Certificate, English Medium Certificate, Leaving Certificate, N.O.C Certificate and Certificate Formate Setting

ID-Card Module

ID Card Designing, ID Card Generation, ID-Card Printing and Issue and Renewal

Establishment

Employee Master Data Management

Promotion And Transfer, Retirement Issue, Group Insurance and Employee Management

Pay Roll Management Module

Pay Fixation, Setting, Process, Year Wise, Pay Fixation, Increment, Setting, Process, Refresher Courses

Estate Section Management

Construction

Staff Routine Activity Module

Attendance Register, Subject Allocation (for Academic Staff only)

Staff Leave Management Module

Leave Structure and Leave Application

Correspondance Management Module

INWARD, OUTWARD, Pending Outward, Non-Responding Outward, INWARD Setting, OUTWARD Setting, Inward/Outward Report, File Management and Address Book

Hostel

Hostel Management Module

Hostel Admission, Hostel Fees Structure and Fees Collection

Store

Store Management Module

Manage Product, Product Category, Product Type, Product Entry, Section Member, Purchase Indent, Tenduring Challan, Billing, Stock Distribution and Stock Register

Academic

Academic Management Module

Student Attendance, Lecture Time Table, Manage Lectures, Student Class/Division, Academic Syllabus, Academic Notice and Academic Program/Event Calendar

Research Management Module

Research Proposal, Data Collection, Data Analysis, Report Preparation, Report Submission and Accounting

Examination

External Exam Management Module

Exam Marks Structure/Scheme, Examination Entry, Exam Time Table, Block Seating Arrangement and Exam Attendance

Internal Exam Module

Exam Seat Number, Dummy Number System for Secure Assessment, Marks Entry and Password protected Dummy Number Rollback

External Exam Auxiliary Module

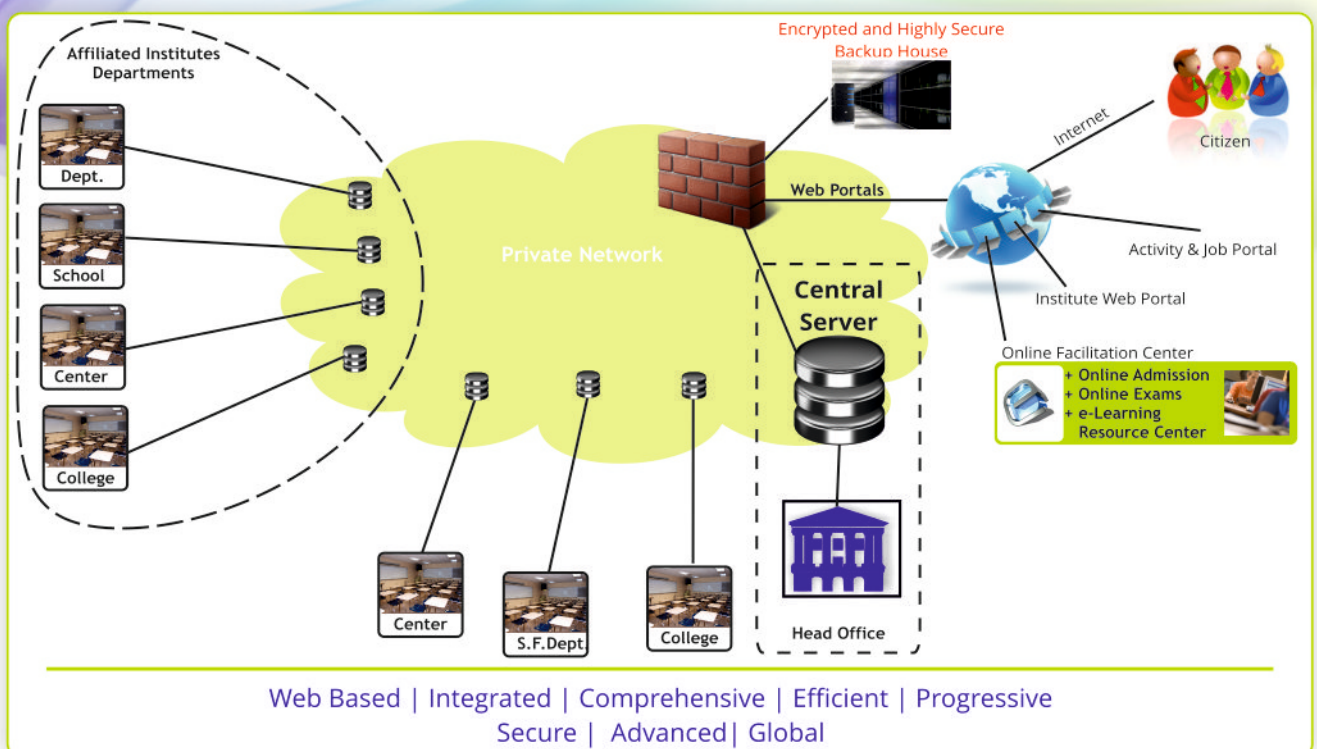
Fees Scheme/Structure, Fees Date, Exam Form And Fees Collection, Seat Number and Marks Entry

My e-mahavidyalay

Personal Management Module

My Settings,
 Birthday Setting,
 SMS Setting,
 Software Setting,
 My Home Page,
 My Theme,
 My Message,
 My Work,
 System Setting (for Administrator only),
 IP Access (for Administrator only),
 User Activity Log (for Administrator only),
 Database Backup (for Administrator only),
 My Profile,
 My E-Mail,
 My Schedule,
 My Notes,
 My Address Book,
 My Inward,
 My Outward and
 My Storage

Solution Architecture



Network Level

IP / MAC Based

HTTPS://

MD5 Encryption

Authentication

Biometrics, RFID

Barcode

QR-Code

Authorization

Access as per role
and responsibility
level

Assurance

Process Password

Captcha Code

Anti-Hacking

Advantages

The advantages of using eMLi for the campus can be categorized into two major aspects Managerial Advantages and Technological Advantages.

● Managerial Advantages

- ➔ FULL TRANSPARENCY
- ➔ TIME SAVING
- ➔ NO LABORIOUS PROCESS
- ➔ LESS POSSIBILITIES OF HUMAN ERROR
- ➔ NO DATA MANIPULATION
- ➔ NO RULE VIOLATIONS
- ➔ 100% UTILIZATION OF AVAILABLE TECHNOLOGY
- ➔ LESS PRINTING COST



Effective Administration:

eMLi uses Policy Based Centralized Administration thus the implementation of common rules and norms will be much easier.

Central Monitoring:

Whole system will be managed centrally. So, no need to monitor each and every college/program/staff activities separately.

Intigrated Environment:

Computerization of all the admin & academic processes and integration of data of each level of administration.

No additional costing:

eMLi is developed in open source technology so the Computerization of college will be made through the minor modification in the existing infrastructure. No need to purchase any other expensive commercial Software like Licensed Server Operating System.



Technological Advantages

Freedom From License:

Open Source Technology. No need of any licensed Server or any Commercial Software.

Cost Effective Solution: (Less Recurring Cost)

Software is developed in LAMP Technology (Linux Apache MySQL and PHP) so the overall costing is much lesser than Windows Based Technology.

Multilingual Interface:

Available in **Regional and International Languages**. Working will be easier in Regional Language.

Web-Portal Integration:

Software supports **web-portal/website** updation in three easy steps. So, the students, parents, staff and faculties will be up-to-date with the latest information.

Mobile Technology:

Mobile App, SMS and Web interface provides greater communication with Parents, Student, Staff and Faculties. SMS Gateway and Mobile Browser Support.

Interactive Modules



Developed in 100% **Open Source** Technologies

In-depth details on each modules is available at www.auroameera.com

Major Undertakings



Academy of
Scientific & Innovative Research



All India Institute of
Local Self-Government



Maharaja Krushnakumarsinhji
Bhavnagar University

eMLi @ Different Academic Levels

- 01 **Government** (Africa)
- 07 **School** (India)
- 76 **School** (Overseas)
- 107 Higher Edu **Insti.**

Overseas Projects & Compatibility



Gabon



U.A.E.



Ghana



Pakistan



Nigeria



Available in Regional and International Languages



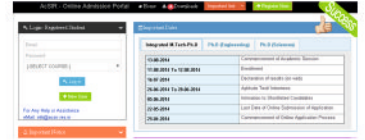


Interactive Dashboard

Business Intelligence Reports for Quicker Decision Making
Get the bigger picture from Graphical Representation of Data

Integrated Web Portals

Automatically managed "Self Service Portals"
Carryout Online Admission. Provide Access to Students & Parents.



SMS & Payment Gateway

Integrate SMS and Payment Gateway
Collect Fees online. Notify Students, Parents or Staff via SMS.

RFID, Biometrics & GPS

Compatible with all Latest Technologies
RFID or Biometrics Attendance, QR-Code and GPS .



Social Media Connect (Facebook, Youtube & Twitter)

Attract more students through social media. Integrate Youtube Channel.
Automatically post Notices and Notifications on Facebook.





“

The chief aim of education should be to help the growing soul to draw out divine, a chance of perfection and strength in itself, which is best, and make it perfect for a noble use”

- Sri Aurobindo

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