Baraza
University
Information
Management
System

Effectively Manage Delivery of Quality
Services

ADDRESS
Dew CIS Solutions Limited
Barclays Plaza, 12th Floor
Loita Street, Nairobi

CONTACT
+ 254 20 222 7100
+ 254 725 819505

WEBSITE
www.dewcis.com
marketing@dewcis.com

Components of
Baraza UMIS Solutions

Smart Academic Management System

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Baraza UMIS is a web based University Management Information System easily configurable to meet the unique operations of any institution of higher learning. Baraza UMIS helps you manage the academic processes by automating operations involved in running a University, encompassing the entire student's lifecycle. This includes admission, registration, course management, grading, graduation and alumni

It is an integrated management information system geared towards universities which provide education and training programs to students across academic levels ranging from apprenticeships, Certificates, bachelor degrees, graduate certificates and diplomas, masters' degrees by research or course work, to professional or research doctorates.

Organization Structure

Baraza UMIS incorporates sophisticated organizational units functionality enabling user definition of terminology e.g. faculty; department; division, section etc. the module can also differentiate academic and non-academic organizational units

Curriculum Management

Baraza UMIS supports the university's course and unit management, approval and publication. The system also has the ability to configure systems to support future changes in curriculum processeses. The module holds information on courses, study areas and units

Class Timetabling

Baraza UMIS solution is configurable to generate unique class timetable and check on violations. The solution supports "shopping basket" or a defined structured time table concept, where students can select a variety of classes and do what-if looks at their resultant timetable options to inform their enrolment choices

Admissions

The admission module provides the functions for automating the admission process. The module applies business rules to set into action workflow processes and approvals required to process applications for enrollment into programs offered by the University. The business rules are as defined by the institutions curriculum policies.

Calendars

Baraza UMIS has a calendar solution which enables user to define all significant periods of time e.g. holidays, teaching periods and fee periods. This module can also incorporate a number of dates recorded within the academic calendar. The dates are user definable and determine admission and enrolment periods, grading, discontinuation and withdrawals etc

Student Records

The module is able to incorporate students biodata, academic records and supports advanced search capabilities which includes students ID, campus ID, and any other students details

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Baraza UMIS Solutions

Academic Advisement

The module is able to analyse degree progress and also provide recommendation for working towards achieving the degree. The module is capable of advising on general education and course selections, information on university policies and procedures, transfer credit and also helps with university general education petitions and referrals to other university student support service

Student Financial

Baraza UMIS is able to calculate tuition based on student enrolment or other criteria. The system is also able to bill and manage students and third party receivable. This module integrates with other modules such as fee module, hostel module and catering module

Gradebook

Performs all tasks involving grade calculation, averaging, and reporting, quickly and accurately. Handles category and/or assignment weighting, multiple marking periods, multiple subjects, and can calculate final grades based on average of marking periods.

Data about student's achievement are automatically updated; lecturers can customize their scoring scales according to the scoring methodology they employ.

Reports include a Student Progress Report, Gradebook, Class Summary, Subject Summary, and Grade Distribution Graph.

Reports can be saved as Adobe PDF files, and can be automatically e-mailed to students or parents

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Baraza UMIS Solutions

Examination Management Module

The module is used to manage and monitor a student's progress through the student's academic program and maintains a record of the student's academic work at the institution or granted through advanced standing. The module allows for definition of the permissible range of course score, overall examination score, overall continuous assessment score governing the determination of course result grade for each academic period.
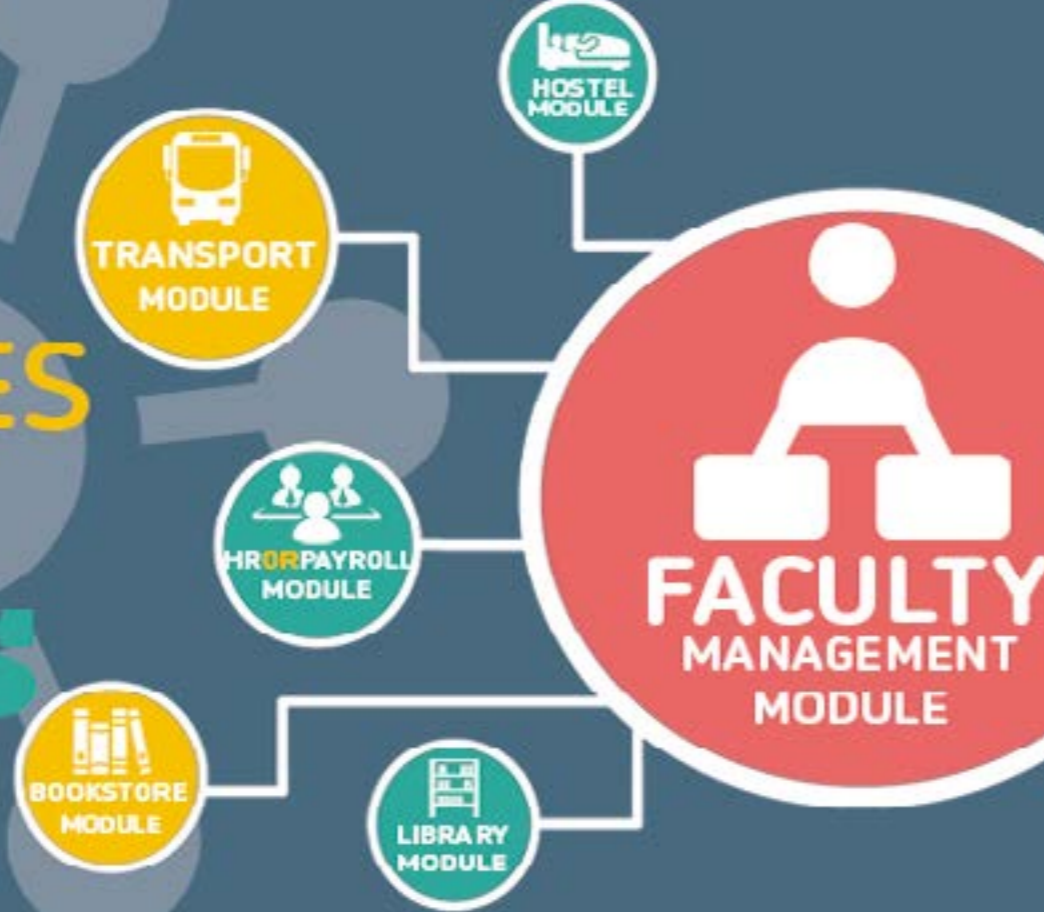
Student Self Service

This module offers a secure web portal that enable Students and guardians have access to relevant information online and conveniently submit requests. The students are able to view applications such as new semester registration, new and or dropped courses. The system allows the student to view and update personal information such as addresses, contact numbers, email addresses, emergency contacts, extra-curricular activities, work experiences, honors and awards.

Student Alumni Module

Baraza UMIS has a Portal that provides highly secure, easy-to-use online access to the graduates of the university. The module allows old students to register to the portal, access alumni information, submit photos, news, leads and suggestions. The system has Mailing facility for registered users and also the alumni are able to look up for upcoming events.

Other Modules that come with the system

FACULTY MANAGEMENT MODULE	**TRANSPORT MANAGE-MENT MODULE**	**HR/PAYROLL MODULE**
BOOKSTORE MANAGEMENT MODULE	**HOSTEL MANAGEMENT MODULE**	**LIBRARY MANAGEMENT MODULE**

Business Benefits of Baraza UMIS

✔ Enables Universities to increase efficiency by automating their manual operation.

✔ All relevant information available online and can easily accessible from multiple devices with security checks.

✔ Replaces paper work to get rid of clumsy, time consuming and costly paper based operation.

✔ Modular structure allows for integration with other system making operations seamless across departments.

✔ Offers a reliable and secure system based on a strong technology foundation.

✔ Enables Universities to better serve students and other stakeholders by providing accurate and real-time information.

✔ Operational workflow is faster with accurate completion of business processes.

✔ Services architecture allows the system to scale to multi-locations with a centralized system.

✔ Modular structure allows the system to fit any size of institution and scale as the institution grows.

Why Baraza
University Management Information System

- Rapid application development of both desktop and Web applications.

- Faster return on investment.

- Very stable. Well defined (well-ordered design)

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- Ease of operation (user friendly).

- Platform independent

- Built on open standard; no restrictions, can integrate with other system.

- It is built for our university with our university.

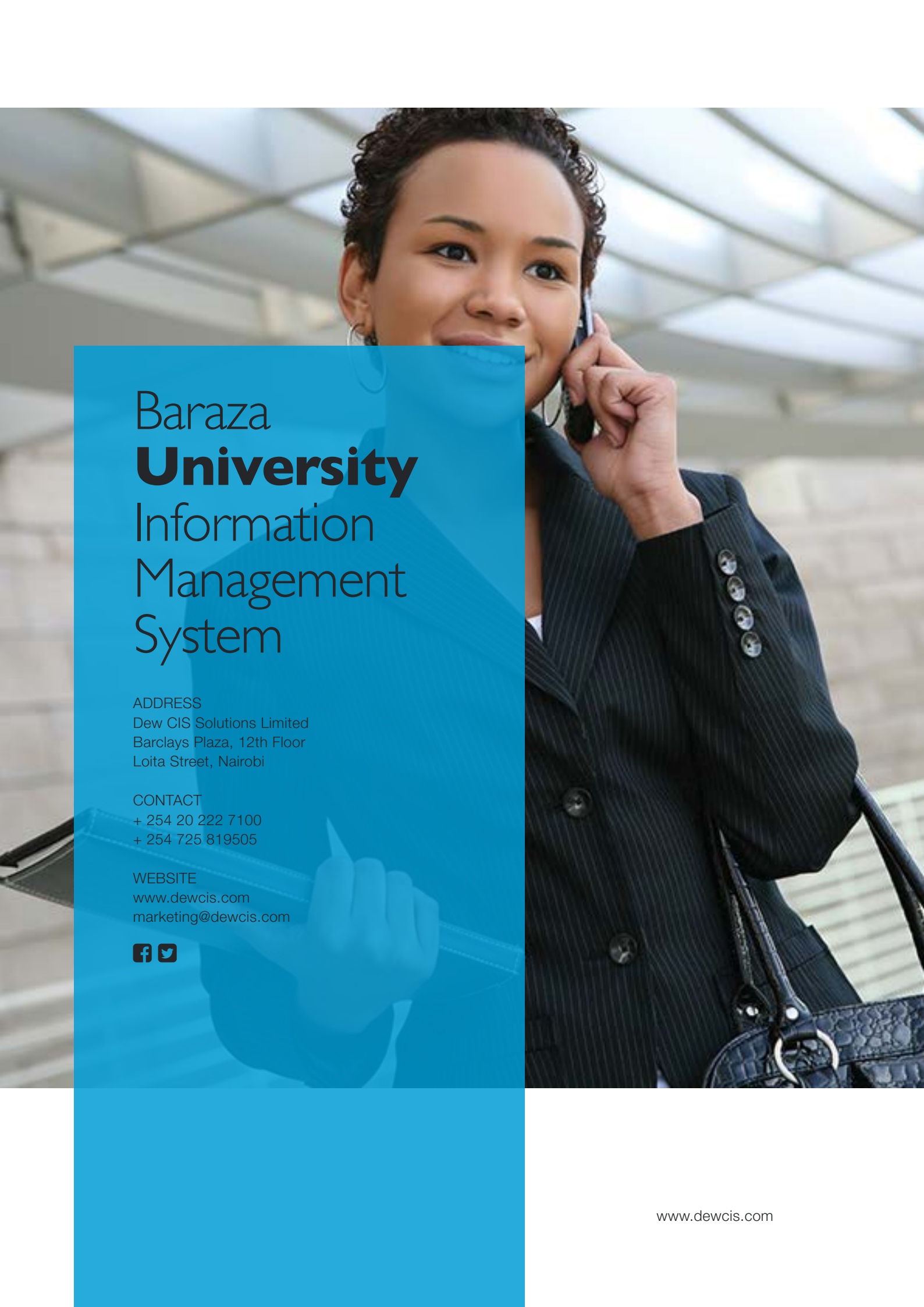**Effectively Manage Delivery of Quality Services**

About DewCIS

Dew CIS Solution Limited is a flexible, inovative, responsive and entrepreneural organization formed in the year 2000. Since inception, Dewcis strategy has been to develop cutting edge products in the field of Information and Technology that can be leveraged across the enterprise. We have grown from a simple IT consultancy firm to a world class solution provider with proven technical skills grounded in the best of bred industry standardsDew CIS solution caters to the needs of multiple industry segments through innovation, easy-to-use and secured, integrated, hosted solutions in a build-as-you-grow model.

What Makes Us *Unique*

- ✓ We understand Technology and believe in its potential to improve operations.
- ✓ We adopt to technology that match the dynamics of your operating environment.
- ✓ We build on partnerships with our clients, in every engagement and continuously align to their needs.
- ✓ We strive to deliver custom solutions to address our unique local challenges.
- ✓ We break problems down to their simplest form and answer them from there.
- ✓ Our approach is anchored on our core values of simplicity, ceativity, independence, respect and openness to transform the latest technology into added-value services.

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