



*Beyond a Pilot Product:  
The Benefits of  
Campus Management 4.72*

**SAP for Higher Education & Research**

**Herug 2004 @ KU Leuven**

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**Presentation Content Herug 2004**



**Campus Management Today - Overview**

**Campus Management 4.72 Highlights**

**Campus Management 4.72 Scenarios & Demo**

**Campus Management 4.72 More Details**

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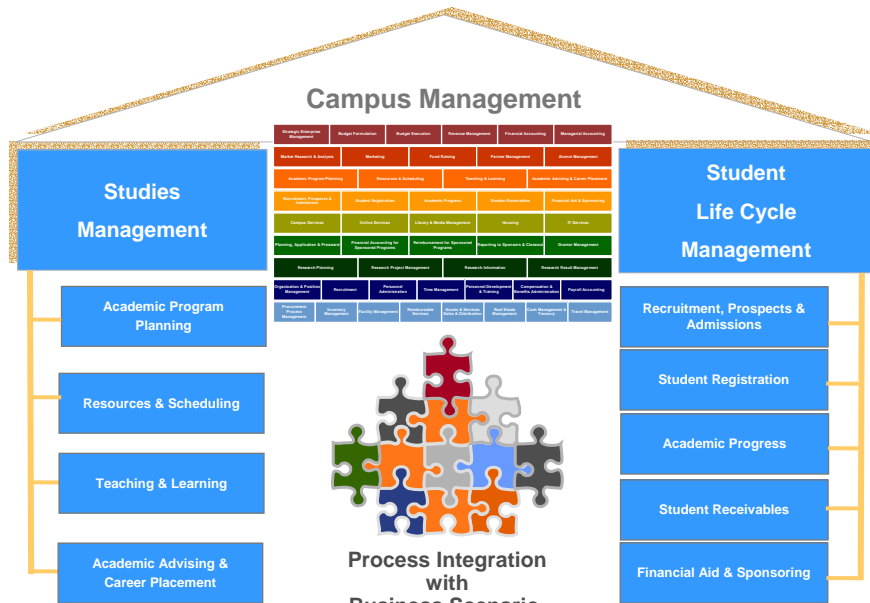


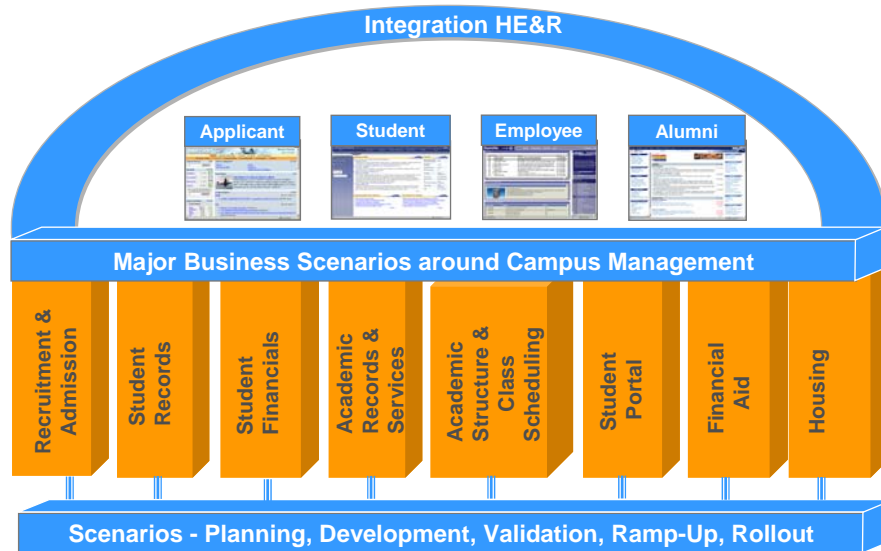
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# SAP HE&R Solution Campus Management

Business Scenario





## Facts & Dates

- Acceptance Test: February 9th – 23rd
- Shipment: End of April/ Begin of May 2004
- Requires Enterprise 4.70 extension set 2.00
- Globally Available as “international version”, country releases for US, UK and CH
- Languages: English, German, Dutch, Korean, Hebrew (partner translation), Turkish (partner translation), Spanish, French (Q3/ 2004), Czech (Q3/ 2004)
- Live Customers: Seven in seven different countries (6 on CM 4.64, 1 on CM 4.71 – most customers will upgrade to CM 4.72).



## Overview Customer with CM 4.64 & 4.71

	New Castle	Univer. Monte video	Tel Aviv College	Univer. Techno. Petronas	Ole Miss	KUL	Basel
Student Recruitment & Admission	●	●	●	●	●	○	●
Student Records	●	●	●	●	●	●	●
Academic Records & Services	○	●	●	●	●	○	○
Student Financials	●	●	●	●	●	●	●
Academic Structure & Class Scheduling	●	●	●	●	●	●	●
Financial Aid	●	○	●	●	●	●	○



Live with full scope of CM



Live partially



planned



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## New Implementation Projects CM (not complete)

State System of Higher Education in Pennsylvania (14 Universities)

Central Michigan University

University of Zürich

Migros East Switzerland

British Council

City and Guilds (UK)

Temasek Polytechnic (Singapur)

Universidad Externado de Colombia

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## Campus Management 4.72

### Highlights (1)

#### Student Records

Student Life Cycle from Admission to Graduation completed for universities globally

#### Student Financials

Closing major remaining gap in invoicing and fee auditing, enhanced backend functionality from FI-CA

#### Recruitment & Admission

CRM integration: Prototype for Business Partner integration between CM and CRM



## Highlights (2)

### Academic Services

Pending Prerequisites to support optimized course booking self services

Grade Calculations and Examinations

Full Program and Stage Completion Auditing Process

### Student Portal

Degree Audits (BSP with role based User Interface)

BSP-Templates for Module Booking, Student Time Table

Overall achieved functional and quality maturity

Involvement of Consultants & Pilot customers into workshops and Focus Group Meeting during the concept development.

First very detailed version of Development News published by Q4 2003.

Acceptance test in February 2004 – more than 20 consultants and 20 customers got know in delta from CM 4.71 to CM 4.72.

First Training Campus Management 4.72 in April 2004 (before first shipment of the release!)

Rampup Knowledge Transfer (RKT) in SAPNet with most aggressive time schedule.

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## Campus Management 4.72

Business Scenario



### Student Recruitment & Admission

**Strong in Technology and Functionality: Recruitment based on SAPs Customer Relationship Management**

**Automated rule controlled and workflow supported Admission processing**

**Prospect and Applicant centered Communication**

**Full integration of applicants transfer work into Student Records and Academic Services**





**Student Recruitment & Admission**

**SAPs Solution for Admission and Recruitment supports your institution to...**

**Attract and select the most and the best Students**

**Make advantage of a strong strategic planning**

**Optimize your admission processes without changing your academic requirements**

**Seamless integrate Prospect, Applicant and Student Data**



**Student Records**

**Flexible Rule engine for all Processes**

**Full support of complete Student Life Cycle**

**Integrated and redundant free data management**

**Student centric scenario design**

**Complete Self-service enabled processes**

**Integrated to student financials and academic records and services**

**Support for all types of Students for all kinds of academic Programs.**





Student Records

SAPs Solution for Student Records supports your institution to...

Lower the TCO for managing your students records

Optimize your Services for Students and Faculties

Ensure audits for all processes

Plan your ressources based on always current data

Provide reports for the state and other funding sources



Student Financials

Mature Solution: FI-CA empowers SAP solutions across service industries

Functional Powerful: Strong financial receivable component enriched by industry specific functions

Seamless Integration to Financial Management

Flexibility: Highly adaptable on the needs of one institution

Real time processing of all financial transactions



Student Financials

SAPs Solution for Student Financials supports your institution to...

Lower the TCO for operative and strategic Accounting

Easy control Costs and Revenues

Ensure revenue recognition and cash flow in time

Provide optimized services to Students and Faculties



HERUG 2003 in Mississippi

A famous day in Marlies Hotel room...

The screenshot shows the SAP 'Display logs' window. The top part is a table with columns: Date/Time/User, DspI, External ID, Object No., Sub-object no., Tran, Program, Mode, and Log no. The bottom part is a 'Message text' area containing several lines of error messages, with the first one highlighted in red: 'Due Date Schedule 1 is not defined in fee calculation period 0002...'. An arrow points from a yellow box labeled 'Which Student???' to this red message.

Date/Time/User	DspI	External ID	Object No.	Sub-object no.	Tran	Program	Mode	Log no.
21.11.2002 15:05:16	ENDREST	1	Campus Mana.	Fee calculation	PI2GT00	Dialog pro.	0000000000000000	0000000000000000
21.11.2002 15:06:07	ENDREST	1	Campus Mana.	Fee calculation	PI2GT00	Dialog pro.	0000000000000000	0000000000000000
21.11.2002 15:07:08	ENDREST	2	Campus Mana.	Fee calculation	PI0_FEE_	Dialog pro.	0000000000000000	0000000000000000
21.11.2002 16:45:03	ENDREST	2	Campus Mana.	Fee calculation	PI0_FEE_	Dialog pro.	0000000000000000	0000000000000000
21.11.2002 16:47:01	ENDREST	2	Campus Mana.	Fee calculation	PI2GT00	Dialog pro.	0000000000000000	0000000000000000
22.11.2002 03:54:14	ENDREST	15.1.	Campus Mana.	Fee calculation		Batch proc.	0000000000000000	0000000000000000
25.11.2002 02:39:42	ENDREST	13.7.	Campus Mana.	Fee calculation		Batch proc.	0000000000000000	0000000000000000

Message text:

- Due Date Schedule 1 is not defined in fee calculation period 0002...
- Document for student 100000000058 already posted; no modification...
- Document for student 100000000071 already posted; no modification...
- Document for student 100000000072 already posted; no modification...
- Document for student 100000000076 already posted; no modification...
- Document for student 100000000091 already posted; no modification...
- Document for student 100000000085 already posted; no modification...
- Document for student 100000000099 already posted; no modification...
- Document for student 100000000099 already posted; no modification...
- Document for student 100000000111 already posted; no modification...
- Document for student 100000000141 already posted; no modification...
- Document for student 100000000145 already posted; no modification...
- Document for student 100000000146 already posted; no modification...
- No fee calculation procedure determined with key / / 50000021 / 2.
- No fee calculation procedure determined with key / / 50000002 / 2.
- No fee calculation procedure determined with key / / 50000432 / 2.
- No fee calculation procedure determined with key / / 0000 / 000.
- No fee calculation procedure determined with key / / 50000765 / 2.
- No fee calculation procedure determined with key 0002 / 0001 / 500.
- No fee calculation procedure determined with key / / 50001000 / 2.

Several Customers asked for audits in fee calculation and want to print courses and programs on the students bill.



# HERUG 2004 in Leuven

**Fee Calculation Log**

Message group / Message type / Stu.	Numb	Message Text
General Information	1	
Information	1	
Fee Calculation Canc	3	
Error	3	No due date found for due date schedule 000001 and object BA Hist
000001060	1	
000001061	1	
000001062	1	
Fee Calculation Comp	1 994	
Success	1 994	

**Student 000001060 !**

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# And even more...

**Fee Calculation History**

Stdt no.	Name	BPartner	Period	Calc. Base	Processing Mode (Desc.)	Calc. Date	Entry Date	Entered at	Calc. Procedure	Amount DC	DCry
000000055	MLB - Fall, Roma	55	Fall 2004	Study Data	Registration (Real Open Item)	31.07.2004	08.04.2004	11.55.32	Demo Fee Calculation	1.715,00	USD
000000055	MLB - Fall, Roma	55	Fall 2004	Study Data	Registration (Real Open Item)	31.07.2004					

**Overview for Period Key FA04**

Student number: 000000055  
 Name: MLB - Fall, Roma, Female  
 Student Status: Active  
 Fee Category: UGRD Undergraduate Student  
 Nationality: US USA  
 Student's Org. Unit: D\_History Department of History

**Cost Overview**

CoCd	Company Name	Acctky	Description	Amount DC	New Com	Text	Total Amt DCry
BS02	ISPB 101 200 16012004	TUR	Tuition	600,00	0,00		600,00 USD
BS02	ISPB 101 200 16012004	BCF	Special Course Fees	35,00	0,00		35,00 USD
BS02	ISPB 101 200 16012004	EMP	Employee Rebates	60,00	0,00		60,00 USD
BS02	ISPB 101 200 16012004	MEA	Meal Plan	330,00	0,00		330,00 USD
							<b>1.025,00 USD</b>

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## Invoice with all Details...

The following lists the outstanding items which we request you to pay to Campus Management University:

Fee Type	Due Date	Amount	Currency
Meal Plan	20.06.2004	30,00	USD
Tuition Fees (Campus)	20.06.2004	315,00	USD
Meal Plan	20.06.2004	550,00	USD
Tuition Fees (Campus)	20.06.2004	750,00	USD
Meal Plan	20.06.2004	30,00-	USD
Tuition Fees (Campus)	20.06.2004	390,00-	USD
DAVIS /ALL	05.02.2004	100,00-	USD
DAVIS /ALL	10.02.2004	50,00-	USD
DAVIS /ALL	10.02.2004	100,00-	USD
DAVIS /ALL	11.02.2004	100,00-	USD
DAVIS /ALL	11.02.2004	100,00-	USD
<b>The full amount is:</b>		<b>775,00</b>	<b>USD</b>

The amounts have been calculated from the following program registrations and/or module bookings:

Module	Academic Year	Academic Session	Credits
Hist. 378	Ac. year 2004	First summer	3,00000
		CRH	

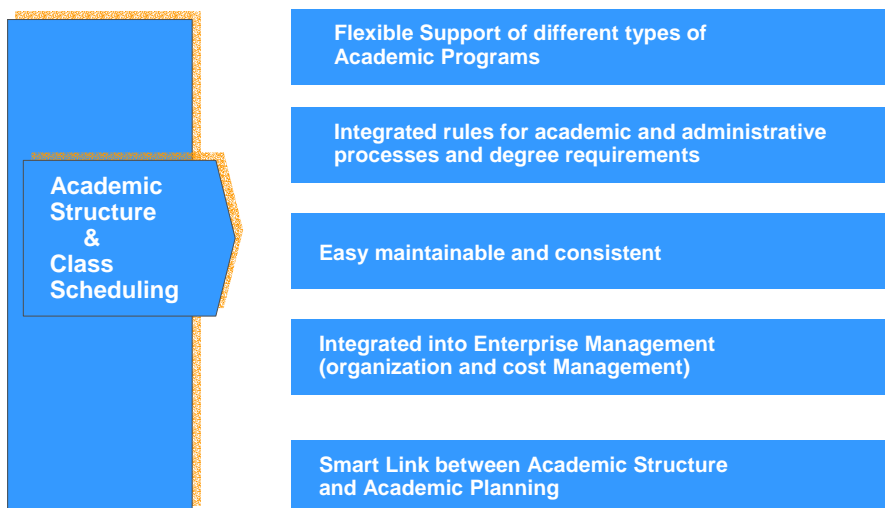
Please remit the full amount and quote the invoice number 2 on your bank transfer.

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## Market Statements

Business Scenario





### Academic Structure & Class Scheduling

SAPs Solution for Academic Structure and Class Scheduling supports your institution to...

Lower your TCO to manage your academic programs and class offerings

Be at the leading edge in innovation in Higher Education

Allows to offer courses and degrees on students and market demands

Optimize personal and resource usage



Academic Records & Services

Flexibility to support all kind of academic requirements and rules

Complete Academic Record across all programs and faculties in one system

Full Self-Service capabilities

Fully integrated and powerful Auditing of requirements for academic degrees

Architecture to support today's and future demand on Higher Education (e. g. Bologna)



Your Value! Business Scenario

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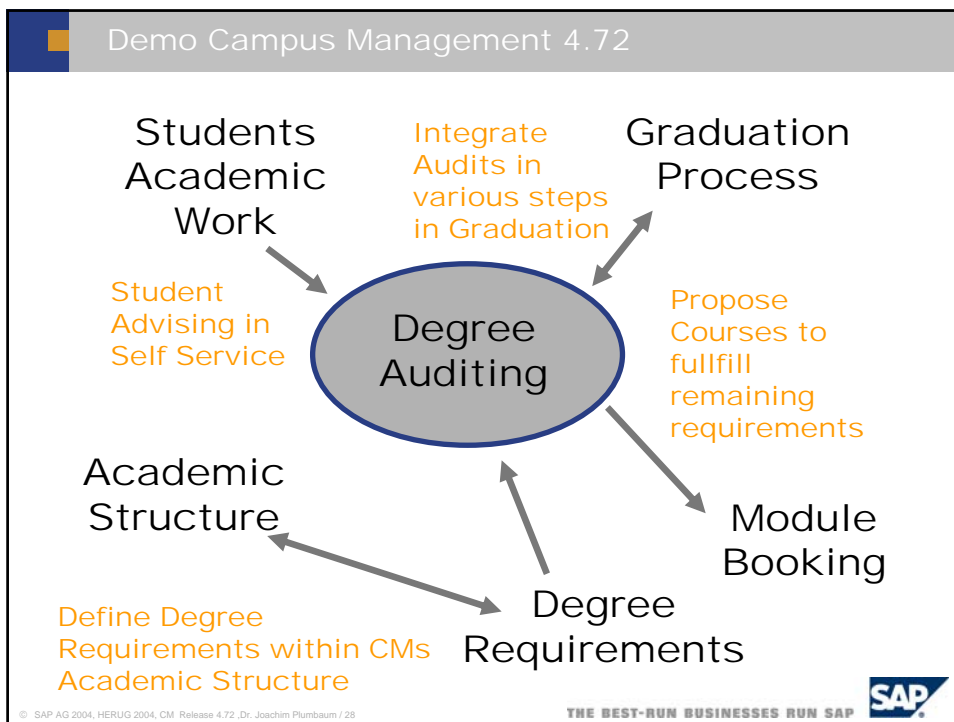
**Academic Records & Services**

SAPs Solution for Academic Records and Services supports your institution to...

- Provide the best services for students & faculties
- Fullfill your mission! Allow and help Students to complete their degree in time
- Provide the best Quality in Academic Programs
- Allow your academic staff to focus on excellency in teaching and research

SAP

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## Details: Master Data

**Student, Academic Work, Academic Structure, Academic Calendar, Event Planning, Student Accounting**

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## Masterdata (1)

### Student

Create Student from Existing Business Partner (Pework for Recruitment and other master data integration)

Enhanced Space for Details in Student Master Data Transaction

### Academic Calendar

#### Session Groups

Definition of Time Limits for Full Academic Years

Hierarchie, sequence and mapping of sessions ("subsessions")

Enhanced Derivation of Academic Calendars

Usability Enhancements Academic Calendar Maintenance



## Masterdata (2)

### Program and Modul Catalg

Enhancements to Program and Module Catalog (Performance, Usability, additional functions)

### Event Planning

Simplified Ressource Assignment in Event Planning

### Academic Work

Deletion of Academic Work

Cancellation of Event Bookings for Cancelled/ Deleted Module Records



### Student Accounting

#### Invoicing and Audits for Student Fee Calculation

Company Code Groups in Student Accounting (One Students Account for various company codes)

#### Further Enhancements:

- Enhanced Framework for Accounting Master Data Creation and Update
- Customizable Fee Posting after Recalculation
- Tax Code in Fee and Financial Aid Calculation
- Usability Enhancements in Student Fee Calculation Transaction
- Campus Management Selection Methods for FI-CA Mass activities
- Enhancements for the Application Log in Fee Calculation

+ generic FI-CA enhancements (Cash Desk, ALVs in various transactions, ...)



## Processes

**Recruitment, Admission, ED & TA, Registration, Module Booking,  
Audits & Exams, Module Grading, Audits, Program Type  
Progression**

## Processes (1)

### Recruitment

CRM Integration: Prototype for Business Partner Integration between CM and CRM  
CRM processes: Evaluation and prototyping of sample processes in recruitment

### Admission

New Admission Activities (change of admission, change rejected application, ...)  
Allow Full Maintenance of Admission and Application Attributes  
Change of Program in Admission  
Status Change of Admissions and Admission Applications  
Validity of admission and sessional registrations  
Further Enhancements:  
Exit for Background Processing of Follow-up Activities in Admission  
Performance Enhancement ISR Scenario  
Check for Holds in Admission activities



## Processes (2)

### Transfer Agreements and Equivalency Determination

Include Credits to Transfer Agreement

### Registration

Add missing Callup-point to allow VSR check and hold check for Change of Program  
RFC enabling of Registration Function Modules  
Sessional registrations for out-of-sequence academic sessions  
Sessional registration for already closed study segments  
Transfer of Sessional Registrations at Change of Program



## Processes (3)

### Module Booking

#### Pending Prerequisites

Enhanced Availability Check for Module Booking (enhanced performance and reduction of locking)

#### Further Enhancements:

Enhanced Support of Mass Booking (building block for customer report)

Simplified Authorization Check for Module Booking Self Services



## Processes (4)

### Exams & Audits

#### General Concept for Examinations and Completions

Assessments (Examinations and Stage/ Program Completions)

Completion Procedures (includes link of audits to program (graduation)/ stage completion)

Background Registration to Completion Procedures

Mass Activities



## Processes (5)

### Grading

- Aggregation of Grades in Module Grading
- Grading of Examinations within Modules
- Performance Enhancements in the Grading Dialog
- Appraisal Remark in Module Grading
- Delimitation of Grades
- Repetitions of Sub-Appraisals



## Processes (6)

### Audits

- Parameter Audits (includes Stage Audits)
- Aggregation of Results in Audits and Additional Conditions
- Enhancements to the Audit Web User Interface (various views for different roles possible)
- Maintenance of Exceptions/ Enhancements for Exceptions for Sub Requirements
- Audit Allover Result
- Rules on Re-Use of Academic Work
- Note for Audit Runs
- Enhanced Derivation of Audit Profiles
- Background and Mass Processing of Audits

### Program Type Progression

- Function module to determine module usage for Program Types





# Tools/ Crossover

## Audit Trail, Correspondence, Deletion & Archiving, Rules, Selection Methods

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### Tools & Crossover (1)

#### Audit Trail

**General:**

- Authorization Check for Display of Activity Documents


**Change Documents:**

- Change Documents for Appraisals

**Activity Documents:**

- Activity Document Details for Admission
- Activity Documents for Module Booking Activities (including details)
- Activity Documents for Specialization Booking Activities (only header)
- Activity Document Details for Module Grading
- Activity Document Details for Academic Work

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## Tools & Crossover (2)

### Correspondence

Continuous Enhancements for Existing Form Classes  
Additional Parameters for application forms (e. g. Academic Year & Session)  
Correspondence History for Student Correspondence  
Enhanced Overview of Correspondence in the Student File

### Deletion & Archiving

Archiving of Parts of Students Record

- Archiving CM contract accounts and contract objects for selected students
- Archiving activity documents
- Archiving lower-level appraisals for module grading

Deletion of Students Event Bookings



## Tools & Crossover (3)

### Rules

Performance Enhancement in Derivation of Rules  
Enhancements in the Structural Rule Overview Report  
User Dependent Overriding Permissibility (improves performance for user without overriding permissibility)

### Selection Method

Display Selections

