Grants Management
- Grantee Workshop

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# Higher Education & Research – 2003 Solution Map

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THE BEST-RUN BUSINESSES RUN SAP
Project Milestones

- **Project Plan**
  - Oct 1999
  - Customer site visits – Gather Requirements

- **Development Phase**
  - Nov 1999
  - May 2000
  - May 2001

- **Customer Feedback Development Phase**
  - May 2001

- **Pilot Implementations Cont. Development**
  - July 2002
  - July 2002

- **Continued Development**
  - Q3 2003

- **Project Begins**
  - Oct 1999

- **Prototype Demonstration**
  - Nov 1999

- **EAPS 1.10**
  - Restricted Release – Pilot Customers only
  - May 2000

- **EAPS 2.0**
  - Default Release
  - May 2001
  - July 2002
  - Q3 2003
Pilot Customers

Initial Requirements:
- Duke University
- City of Phoenix
- World Organization

Implementation Sites:
- City of Phoenix
- World Organization
- Queensborough Library
Interest Group Customers

Higher Education:
- Massachusetts Institute of Technology (MIT)
- University of Tennessee
- University of Nebraska
- University of Toronto
- Baylor College of Medicine
- University of Mississippi
- Central Michigan University
- College of William and Mary

Public Sector:
- Commonwealth of Pennsylvania
- North Carolina Department of Transportation
- Industry Canada
- Health Canada
- Agriculture Canada

K-12:
- Oklahoma City Public Schools
- Seattle Public Schools
- Houston Independent School District
- Polk County Public Schools
Functional Overview

Grants Management - Grantee addresses the special needs of sponsored program administration for Grantee organizations:

- Provides separate view of Grantee’s data from the sponsor’s perspective for managing and reporting all awards
- Pre-award and post-award administration:
  - Proposal
  - Application
  - Award
  - Close-out
- Budgeting solutions including cost sharing
- Use of “released” and “unreleased” budgeting concept
- Budget integration with Funds Management
- Availability checking which can be used independently or in coordination with Funds Management availability checking
Supports the following Billing scenarios

- Resource related billing (i.e. cost reimbursement)
- Periodic billing (i.e. installments)
- Milestone billing
- Manual billing

Indirect cost (IDC) calculation for sponsor’s award

Basic reports

Uses and integrates SAP tools:

- Business partner functionality
- Business data toolset
- Workflow (future functionality)
- Business records management
- Schedule manager
Definitions – Master Data

**Sponsor** – Maintains the financial and administrative details such as Sponsor’s name, contact information, fiscal year, currency, billing instructions and funds available carryforward rules.

**Grant** – An object used to maintains details which describes the terms and conditions of the funding and administration of a Sponsor's award.

**Sponsored Class** – An object used to summarize the Organization's expenses based on the Sponsor's cost categories.

**Sponsored Program** – An object used as a cost collector that reflects the Organization’s sponsored projects.

**Fund** – Represents the source of funding.
- External: Sponsor award amount
- Internal: Grantee’s funds and resources (i.e. cost sharing)
Master Data as Sponsored Objects

In order to properly support sponsored program accounting and control, award/agreement items and conditions are to be applied to an Award based on various combinations of the following:

- **Definition**: Sponsored objects are the business objects that are sponsored through an Award (i.e. Grant or Contract) by a Sponsor/Grantor

- Sponsored Objects represent Budget Objects and allowable Posting Objects

- Sponsored Objects describe dimensions for updating and reporting
mySAP Public Sector – Grants Management - Grantee

Master Data Relationships

- Grant to Sponsor – N:1
- Grant to Sponsored Program – N:N
- Grant to Fund (internal or external) – N:N
- Grant to Sponsored Class – N:N
- Sponsored Class to Sponsored Program – N:N
Budgeting dimensions: Grant, Sponsored Class, Sponsored Program and Fund for each “timeslice” (i.e. budget validity period)

Budget entries are based on Grant lifecycle statuses: Proposal, Application and Award. User statuses are linked to the Grant’s lifecycle status.

Budget entries for initial amount, supplements, returns and transfers are supported (budget transfers to/from Grants are not permitted)

“Unreleased” and “Released” budget functionality for controlling consumption

The Grant master Splitting Rule determines time periods for entering budgeted amounts

Cost Sharing budget requirements entered separately

Indirect Costs budget calculated automatically based on the Grant master data details

Funds Availability Checking (AVC) functionality

Budget versions are supported
mySAP Public Sector – Grants Management - Grantee

Budgeting – “Timeslices”

Grant Validity: Jan 2000 – Dec 2002

Grantor’s FY Variant: Jan to December

Grant Validity: 1/00 – 12/02

Grantor’s FY Variant: 1/00 – 12/02

Rules: Annual Split, Quarterly Split, etc.

Budget Validity: 1/00 – 12/02

Grants Management (GM)

Grantee’s FY Variant: 4/99 – 4/03

Grantee’s FY Variant: 4/99 – 4/03

Funds Management (FM)

GM Budget Validity: 1/00 – 12/02

FM Budget Validity: 1/00 – 12/02

THE BEST-RUN BUSINESSES RUN SAP
**IDC Calculation based on Postings**

**Grant Type: Customizing of IDC Accounts/IDC Classes**

<table>
<thead>
<tr>
<th>Grant Type</th>
<th>Dummy Cash/Bank Account</th>
<th>Indirect Cost Expense</th>
<th>IDC Expense Class</th>
<th>Grant Cost Reimbursement</th>
<th>IDC Reimbursement Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research</td>
<td>110000</td>
<td>741000</td>
<td>IDC Exp</td>
<td>414000</td>
<td>IDC Recovery</td>
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<tr>
<td>Federal</td>
<td>110000</td>
<td>741000</td>
<td>IDC Exp</td>
<td>414000</td>
<td>IDC Recovery</td>
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</tbody>
</table>

**Actual Postings [GMIA]**

<table>
<thead>
<tr>
<th>Grant Type</th>
<th>Program</th>
<th>Class</th>
<th>Fund</th>
<th>WBS</th>
<th>CC</th>
<th>Amount</th>
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</thead>
<tbody>
<tr>
<td>GR-011</td>
<td>Research</td>
<td>Material</td>
<td>Ext 1</td>
<td>PR-1</td>
<td></td>
<td>1,500.00</td>
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<td>GR-011</td>
<td>Research</td>
<td>Material</td>
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<td>PR-2</td>
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<td>GR-011</td>
<td>Research</td>
<td>Salaries</td>
<td>Ext 1</td>
<td>PR-1</td>
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<td>600.00</td>
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<td>GR-011</td>
<td>Research</td>
<td>Equipment</td>
<td>Ext 1</td>
<td>CC-1</td>
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<td>800.00</td>
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</table>

Desired posting taken from Actuals based on a Value type, Class eligibility, IDC percentages, Posting Date and customizing settings.

<table>
<thead>
<tr>
<th>Dr/Cr</th>
<th>Grant</th>
<th>Program</th>
<th>GL Account</th>
<th>Class</th>
<th>Fund</th>
<th>WBS</th>
<th>Amount</th>
</tr>
</thead>
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<tr>
<td>Dr</td>
<td>GR-011</td>
<td>Research</td>
<td>741000</td>
<td>IDC Exp</td>
<td>Ext 1</td>
<td>PR-1</td>
<td>225.00</td>
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<tr>
<td>Dr</td>
<td>GR-011</td>
<td>Research</td>
<td>741000</td>
<td>IDC Exp</td>
<td>Ext 1</td>
<td>PR-2</td>
<td>112.50</td>
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<tr>
<td>Dr</td>
<td>GR-011</td>
<td>Research</td>
<td>741000</td>
<td>IDC Exp</td>
<td>Ext 1</td>
<td>PR-1</td>
<td>60.00</td>
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<tr>
<td>Cr</td>
<td>GR-011</td>
<td>Research</td>
<td>414000</td>
<td>IDC Recovery</td>
<td>Ext 1</td>
<td>PR-1</td>
<td>225.00</td>
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<tr>
<td>Cr</td>
<td>GR-011</td>
<td>Research</td>
<td>414000</td>
<td>IDC Recovery</td>
<td>Ext 1</td>
<td>PR-2</td>
<td>112.50</td>
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<tr>
<td>Cr</td>
<td>GR-011</td>
<td>Research</td>
<td>414000</td>
<td>IDC Recovery</td>
<td>Ext 1</td>
<td>PR-1</td>
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<tr>
<td>DR</td>
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<tr>
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<td></td>
<td></td>
<td>397.50</td>
</tr>
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</table>
Billing – Overview and Scenarios

Overview
Configurable billing rules based on a Sponsor’s requirements
Billing rules can be established using different value types (Purchase Requisition, Purchase Orders, Invoices, Liabilities, Payments, etc.)
Invoices can be generated individually or through mass processing
Items can be “blocked” to postpone or prevent billing Sponsor
Items will have a billing status (billed-unpaid, cancelled, in-process, etc.)

Scenarios
Cost reimbursement
Milestone Billing
Periodic Billing Plans
Manual Billing
EAPS 1.10 (*Restricted Release for Pilot Groups*)

- Basic Master Data Grant, Sponsor, Sponsored Program, Sponsored Class
- Budgeting with FM integration
- GM Funds Availability Checking
- Grant derived automatically and stored in documents
- Records Management
- Billing payment plan, no down payments
- Basic Organizational reports
- Overhead costing – Indirect Cost Calculation Program
- Authorizations
**EAPS 2.0 (Q3/2003) Default Release**

- Pre-award Cost Postings and Budgeting
- Report Monitoring/Tracking
- Flexible Budget Layouts
- First Workflow – Master Data & Budgeting
- Business Warehouse (BW) integration
- Authorizations with Job Roles
- Program Income
- Billing payment plan, no down payments
- Automated Closeout
Future Focus and Development

- Enhancements to General Availability
  - Completed workflow
  - Revolving/Pass through Grants
  - Decoupling from FM
  - Recipient Management (Case Management)
  - CRM integration
  - Tracking Intellectual Properties
  - Cash Management (CMIA implementation)
  - Archiving
  - Internet scenarios
  - HR and Position Management Integration
  - Time and Effort reporting
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