Presenters

- Rabindra Mukerjea, Key Sponsor
- Lucia Anderson, Advisory Committee Co-Chair
- Lee Gordon, Advisory Committee Co-Chair
- Vicki Wayne, Project BW Team Lead
- Rhonda Kerr, Instructional Designer
Overview/What Is Changing?

- SAP System
- Tools to Access the Data
- Security Roles
- How Reports are Delivered
- How Users will get Information
- Terminology
- Governance of Enterprise Reporting
## Key Terminology

<table>
<thead>
<tr>
<th>Term</th>
<th>Description</th>
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<tbody>
<tr>
<td>R/3 - ECC – ERP 2005-Enterprise Application</td>
<td>The core portion of OnePurdue (SAP)</td>
</tr>
<tr>
<td>RICE List – RICE FP (Forms &amp; Portal)</td>
<td>Reports, Interfaces, Conversions and Enhancements List</td>
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<tr>
<td>AIMS</td>
<td>Account Information Management System</td>
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<tr>
<td>GM</td>
<td>Grants Management (Part of AIMS)</td>
</tr>
<tr>
<td>FM</td>
<td>Funds Management (Part of AIMS)</td>
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<tr>
<td>PS</td>
<td>Project Systems (Part of AIMS)</td>
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</tbody>
</table>
### Key Terminology

<table>
<thead>
<tr>
<th>Current</th>
<th>In OnePurdue</th>
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<tbody>
<tr>
<td>DSS, ODS, SAS SHARE</td>
<td>Business Information Warehouse (BW)</td>
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<tr>
<td>ODS</td>
<td>Enterprise Application</td>
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<tr>
<td>BRIO</td>
<td>Business Explorer (BEx) Web Analyzer</td>
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Report Terminology

OnePurdue Reports

Enterprise reports

- Standard Reports that come with SAP
- ABAP written reports
- ALV – ABAP List Viewer reports

BW reports

- Reports written by the BW developers
- AIMS Reports
What Is Managed Reporting?

- Managed reporting is a secure, centralized method of report creation and distribution.
  - Provides fast and easy access
  - Ensures data accuracy
  - “One writer, many readers”
Goal:

- The long-term goal for managed reporting is to provide a reporting environment that is:
  - Timely
  - Accurate
  - Flexible
  - Easy to use
  - Efficient
How Does It Compare With What We Have Today?

• In general, a form of managed reporting exists on all campuses today. OnePurdue’s will be similar. Users who get reports today will continue to obtain business information they need to perform their jobs in the future.
How Will We Get Reports?

- Reports will be available through the Enterprise Application or the Business Information Warehouse (BW).
- Reports will be delivered through the portal.
Who Has Access?

- The Users who work with reports will be classified into four groups:
  - Consumers of reports, called “Report Users.”
    An end user that is given access to execute reports.
  - Authors of reports, called “BW Power Users.”
    This person can create queries in the BW production environment and save them in his/her “Favorites” folder.
  - Publishers of reports, called “BW Super Users.”
    This person is responsible for publishing queries from the BW for use by others. Super users also can edit any query they publish.
  - Developers of reports, called “BW Developers.”
    This person is a member of the IT/BW team and can help Super Users with developing, publishing and changing queries.
Who Decides These Roles?

- Staff who need to access reports will be assigned this role by the OnePurdue training coordinator in their unit.

- Due to the training involved and limited class size, ERAC has been asked to prioritize the role assignment of the \textit{initial} Power Users and Super Users.
  - Representatives on ERAC are working within their units to submit names for this effort.
When Will This Begin?

- Master data and account balances will be converted into the BW.
- The Business Information Warehouse will begin to be populated as transactions post.
  - Limited data for reporting from the BW at go-live.
What Happens to DSS and PageCenter?

- The Decision Support System will continue to exist in parallel with the new environment.
  - A legacy data warehouse that houses historical data from student, human resources and financial systems

- PageCenter will continue until the mainframe is decommissioned.
What’s in the BW?

- The Business Information Warehouse will have the data necessary to facilitate reports identified for initial implementation.
- Additional data currently not available through DSS will be available in BW.
- Post go-live development of BW reports will be on-going to meet future reporting needs.
How Will We Access SAP Data?

Accessing historic data vs. accessing current data with OnePurdue:

- Current data is stored in operational or transactional systems.
  - For OnePurdue, operational data will be stored in the Enterprise Application, and Supplier Relationship Management (SRM).
  - Data from OnePurdue applications will be extracted from the operational systems into a new data warehouse called Business Information Warehouse (BW).
Reporting Architecture

- Pre-ERP operational data will continue to reside in applications such as FMIS, HR, COEUS, and ARIBA.
- Pre-ERP historical data will continue to reside in DSS.
- Reports can be generated with Brio, SAS, Excel, or any other SQL-based tool.
- Only master data, account balances, and open transactions will be converted and migrated from the legacy systems into the SAP systems.
- Pre-ERP operational data will be stored in SAP applications as ERP/2005, SRM, and GM.
- Post-ERP operational data will be extracted into BW.
- Post-ERP historical data will be extracted into BW.
- Legacy Master and Transaction Files
  - EXTRACTS
- Legacy Data Warehouse (DSS)
  - ACCESS
- SAP Master and Transaction Databases
  - EXTRACTS
- SAP Data Warehouse (BW)
  - ACCESS
- SAP Reporting Tools (only)
  - Includes:
    - Standard reports (possibly customized)
    - Standard inquiries
    - Custom reports (developed by ABAP programmers)
    - Report Designer reports
- Reporting Tool of Choice
  - ACCESS
  - No legacy historical data will be migrated from DSS into BW
When Will Reporting Begin?

- Standard reports will be available day one from the Enterprise transactional system.
- Many BW reports will be available on day one and a list of all developed reports for the BW will be available.

Remember: Until transactions are processed in the Enterprise application, there will be minimal data in the BW from which to extract reports.
What Is Reporting Frequency?

- The Enterprise data is real time.
- The plan is to refresh BW data daily.
- Given the accessibility assigned to your role, reports will be available on demand, or they can be scheduled on a regular basis at desired intervals.
What About Custom Reports?

- Personalized reports will be available.
- It will be possible to create custom ad-hoc or standard reports.
- To develop new ad hoc queries, you must have the role of either Power or Super user.
How Will This Be Done?

- With Report writing tools
  
  • Tools will differ between the Enterprise environment and the Business Information Warehouse (BW).
    
    
    » BW tools: The BEx Suite of tools:
      
      - BEx Query Designer
      - BEx Analyzer
      - BEx Web Application Designer
      - BEx Report Designer
What’s Next?

Overview of Reporting Environment: RPT 100

Prioritize the initial Power/Super User list

- Help will be available!
  - After training, questions and problems can be answered at the OnePurdue website, or at the Help Desk phone number for all OnePurdue users, 49-46000.
ERAC Members

- Terry Aldridge  Internal Audit
- Lucia Anderson  Business Services
- Linda Baer  Calumet
- Sarah Bauer  Student Services
- Jody Couch  HFS
- Jack Dahl  Ft. Wayne
- Maggie Dalrymple  Institutional Research
- Susan Davis  OnePurdue HR Team Lead
- Crystal Dombkowski  OnePurdue Financial Team
- Mark Franke  Ft. Wayne
- Dan Gentry  UDO
- Melanie Gilbert  BS Computing
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- Lee Gordon  
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- Cheryl Gray  
  HR Business Services
- Phil Jankowski  
  North Central
- Paula Kayser  
  Physical Facilities
- Christi Marsch  
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- Cheri Rawles  
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  OnePurdue BW Team Lead
- Alan Welch  
  Academic Rep – Science
- Andy Waters  
  OnePurdue
- Jeff Whitten  
  OnePurdue - ITEA
• Demo of Various Report Scenarios