

InsideMIT Portal

- ▶ insideMIT as an intranet product.
- ▶ The role of portal technology in a larger product-development plan.
- ▶ Why OracleAS Portal?
- ▶ Portal Architecture Overview

InsideMIT as an Intranet Product

- ▶ Consistent user experience for all ERP web applications—financial, personnel, etc—regardless of underlying platform.
- ▶ Improve the way users find the appropriate administrative-web destination through reduction of clutter and user personalization.
- ▶ Consistent design and UI-code approach reduces project timelines and maintenance.

InsideMIT as an Intranet Product

We currently maintain two separate gateways, SAPweb for DLC administrative functions and SAPweb Self Service for MIT employees to administer their own information.

The screenshot shows the SAPweb interface, titled "SAPweb MIT's web interface to SAP". The browser address bar shows "http://web.mit.edu/sapweb/PS1/index.shtml". The page has a navigation menu with tabs: Inboxes, Purchasing, Accounting, Employees, Building Repair, EHS, Reporting, and Support. The "Inboxes" tab is selected. The main content area is titled "Documents to be Verified/Approved" and lists "Procurement Card Inboxes", "Requisition Approver Inboxes", "JV Inboxes", and "Requisition Creator Inboxes". A section titled "What can I do on the Inboxes tab?" provides instructions for each type of inbox. A "Note" at the bottom states that users need web certificates and appropriate authorizations before using these functions. A "Resources" section lists links for MIT Procurement Department, Procurement Policies & Procedures, Email Notification, MIT Training, SAP for MIT Documentation, and SAP System Status. Business support hours are listed as daily from 8:00am to 6:00pm EST, and system operating hours as daily from 6:30am to 1:00am EST.

The screenshot shows the SAPweb Self Service interface, titled "SAPweb Self Service Home". The browser address bar shows "http://web.mit.edu/sapweb/PS1/home.shtml". The page has a navigation menu with tabs: Home, Employee Info, Benefits, Training, and Money Matters. The "Employee Info" tab is selected. The main content area is titled "Getting Help in SAPweb Self Service" and includes sections for "Getting Help", "Users with Special Needs", "Employee Info", "Benefits", "Training", "Money Matters", "Before You Begin", and "Please Note". The "Employee Info" section provides instructions for updating employee information. The "Benefits" section provides information on enrolling in MIT employee benefits. The "Training" section provides information on finding descriptions of MIT-offered training opportunities. The "Money Matters" section provides information on accessing money-related information and resources online. The "Before You Begin" section provides links to ensure users have the necessary browser and certificate requirements. The "Please Note" section states that transactions terminate connection with the SAP system after 10 minutes of inactivity.

InsideMIT as an Intranet Product

Unified look and feel—portal, underlying applications, and online help.

The image displays three screenshots of the InsideMIT intranet interface, demonstrating a unified look and feel across different pages.

Screenshot 1: Home Page (insidemit_myhome_default_3.gif)
The home page features a navigation menu on the left with sections like "My insideMIT", "People", "Admin", "Support", "Weather", and "My Bookmarks". The main content area includes a "Welcome Nancy Gift, 10/11/2005" message, a "Spotlight" section with a magnifying glass icon, and "Alert Notification" and "Inboxes" sections. The "Alert Notification" section shows a message dated 10/11/05. The "Inboxes" section lists "VIP Credit Card Inbox" and "Requisition Approver Inbox".

Screenshot 2: Create a Journal Voucher (insidemit_app_jv_2_stripped.gif)
This page is titled "Create a Journal Voucher" and is accessed via "Admin >> Accounting >> Create a JV". It includes a "Check Park Complete" status bar and a form with fields for "Company Code", "Document Date", "Posting Date", "Reference", and "Header Text". There are also dropdown menus for "Sending Backup", "Document Type", "Posting Period", and "Fiscal Year". Below the form is a table with columns for "Delete Selected Items", "G/L #", "Account", "Cost Object", "Object Type", "Line Item Text", "Transaction Date", "Debit Amount", and "Credit Amount". The table shows 7 rows, with the first row selected.

Screenshot 3: Search for Requisitions (insidemit_purch_help_stripp.gif)
This page is titled "Search for Requisitions" and is accessed via "Help: insidemit >> Admin >> Purchasing >> Purchasing: Search for Requisitions". It includes a "How the Search Process Works" section with three steps: 1. Search for the requisition on the "Search for Requisition" page. 2. Click the requisition number to see the requisition. 3. Click the item number to see the line item information. Below this is a "Find Requisitions" section with a "Purchase Requisition" field and a "Creator" field. The "Creation Date" field has a note: "Date or range of dates the requisition was entered. Use the format mm/ddyy. (No slashes are required.) The first date defaults to 30 days minus the current date, and second date defaults to the current date."

The Role of Portal Technology

Combine the static, athena-based gateways into one customizable portal.

The screenshot shows the SAPweb Self Service portal. The browser address bar displays 'http://web.mit.edu/sapweb/PS1/home.shtml'. The page title is 'SAPweb self Service' and the date is 'today's date: 06/23/2005'. Navigation links include Home, Employee Info, Benefits, Training, and Money Matters. A 'Getting Help in SAPweb Self Service' section provides instructions on how to use the portal. A 'Documents to be Verified/Approved' section lists various inboxes: Procurement Card, Requisition Approver, JV, and Requisition Creator. A 'What can I do on the Inboxes tab?' section explains the actions for each inbox type. A 'Resources' section lists links for Procurement Department, Email Notification, MIT Training, SAP for MIT Documentation, and SAP System Status. Business support hours are listed as 'Daily from 8:00am to 6:00pm EST'.



The screenshot shows the insideMIT portal. The browser address bar displays 'http://web.mit.edu/insideMIT/'. The page title is 'insideMIT' and the date is 'today's date: 06/23/2005'. The page features a 'Welcome Nancy Gil, 10/15/2005' message. A 'My insideMIT' section includes links for People, Admin, and Support. A 'Weather' section shows the current weather for Cambridge, MA. A 'Today's Events at MIT' section lists various events, including information sessions and campus tours. A 'My Bookmarks' section is also visible. The page footer includes the MIT logo and the text 'Massachusetts Institute of Technology insideMIT sponsored by Information Services & Technology'.

The Role of Portal Technology: Profiling

- ▶ End users' gateway to administrative applications.
- ▶ Profiling: use Roles DB and other data to only show an individual what they use.
- ▶ Profiling: use HR data to show users specific pages or portlets based on their department or job.
- ▶ Personalization allows users to show, hide, or move content into an individualized layout.

The Role of Portal Technology: ERP Data Integration

- ▶ Unlike its static precursors, the portal is a gateway that can show live data.
- ▶ Dynamic portlets act as gauges that guide users to data and workflow that require their attention.

The Role of Portal Technology: ERP Data Integration

Welcome Nancy Gift, 10/11/2005

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- Personalize
- Logoff

Inboxes [X]

- **VIP Credit Card Inbox** [P]
- **Requisition Approver Inbox**
- **JV Inbox** [P]
- **Requisition Creator Inbox**

[More on Inboxes >>](#)

Academic [↑] [X]

- Admissions**
- Class Schedule**
- Classroom Scheduling**
- DSL—Dean for Student Life**
- DUE—Dean for Undergraduate Education**
- GSO—Graduate Students Office**
- International Students Office**
- Student Financial Services**

Why OracleAS Portal?

- ▶ Evaluation: based on MIT's current investments, not best of breed.
- ▶ uPortal, part of JA-SIG,
- ▶ OracleAS Portal,
- ▶ SAP Portal.

Why OracleAS Portal?

- ▶ Developer-friendly and platform independent.
- ▶ RAD techniques and many options for integrating data from disparate systems.
- ▶ SOA: WSRP, Web Services.
- ▶ Open-source-type application stack (Apache, Java app server, standard runtime).
- ▶ PL/SQL data sources—useful for connecting to our many installations of the oracle database.

Why OracleAS Portal?

- ▶ One installation of the OracleAS Portal allows the creation of many portal “instances” (Page Groups)
- ▶ Once built, end users can select portlets from any Page Group for inclusion in personalized pages in any other Page Group.
- ▶ Central departments can build “specialty portals” and our team can reuse their components in the main portal through simple configuration.
- ▶ Target participants for specialty portals: EHS, OSP.

Portal Architecture Overview

