

Oracle® Retail Advanced Inventory Planning
Administration Guide
Release 12.0

May 2007

Copyright © 2007, Oracle. All rights reserved.

Primary Author: Kris Sorensen

The Programs (which include both the software and documentation) contain proprietary information; they are provided under a license agreement containing restrictions on use and disclosure and are also protected by copyright, patent, and other intellectual and industrial property laws. Reverse engineering, disassembly, or decompilation of the Programs, except to the extent required to obtain interoperability with other independently created software or as specified by law, is prohibited.

The information contained in this document is subject to change without notice. If you find any problems in the documentation, please report them to us in writing. This document is not warranted to be error-free. Except as may be expressly permitted in your license agreement for these Programs, no part of these Programs may be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose.

If the Programs are delivered to the United States Government or anyone licensing or using the Programs on behalf of the United States Government, the following notice is applicable:

U.S. GOVERNMENT RIGHTS Programs, software, databases, and related documentation and technical data delivered to U.S. Government customers are "commercial computer software" or "commercial technical data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the Programs, including documentation and technical data, shall be subject to the licensing restrictions set forth in the applicable Oracle license agreement, and, to the extent applicable, the additional rights set forth in FAR 52.227-19, Commercial Computer Software – Restricted Rights (June 1987). Oracle Corporation, 500 Oracle Parkway, Redwood City, CA 94065

The Programs are not intended for use in any nuclear, aviation, mass transit, medical, or other inherently dangerous applications. It shall be the licensee's responsibility to take all appropriate fail-safe, backup, redundancy and other measures to ensure the safe use of such applications if the Programs are used for such purposes, and we disclaim liability for any damages caused by such use of the Programs.

Oracle, JD Edwards, PeopleSoft, and Siebel are registered trademarks of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

The Programs may provide links to Web sites and access to content, products, and services from third parties. Oracle is not responsible for the availability of, or any content provided on, third-party Web sites. You bear all risks associated with the use of such content. If you choose to purchase any products or services from a third party, the relationship is directly between you and the third party. Oracle is not responsible for: (a) the quality of third-party products or services; or (b) fulfilling any of the terms of the agreement with the third party, including delivery of products or services and warranty obligations related to purchased products or services. Oracle is not responsible for any loss or damage of any sort that you may incur from dealing with any third party.

Contents

- Preface v**
 - Related Documents v
 - Customer Support v
- 1 Application Overview 1**
 - Introduction 1
 - Data Management Online 1
 - Order Management 1
 - Data Flow 1
- 2 Set Up the Enterprise 3**
 - Overview 3
 - Security 3
 - Log on to the AIP Administration Console 4
 - Procedure 4
 - AIP Administration 6
 - Set Up Enterprise Code 6
 - Set Up Enterprise Logo 6
 - View Services 6
 - Procedures 7
 - Add the Company Logo 7
- 3 Set Up the Application 9**
 - Log on to the System Administration Console 9
 - Overview 9
 - Procedure 9
 - Set Up Organization and User Types 10
 - Overview 10
 - Procedures 11
 - Set Up System Security 14
 - Overview 14
 - Procedures 15
 - Set Up Permission Groups 17
 - Overview 17
 - Procedures 17
 - Set Up Users 19
 - Overview 19
 - Procedures 22
- 4 Privileges 27**
 - Access Control 27
 - Privileges 27
 - Caching 29
 - Cached Data Update 30

Preface

This document describes the design and implementation of the Oracle Retail Advanced Inventory Planning (AIP) Online product. This document is intended for the retail client and system administrator of the online application.

Related Documents

For more information, see the following documents in the Oracle Retail Advanced Inventory Planning Release 12.0 documentation set:

- Oracle Retail Advanced Inventory Planning Release Notes
- Oracle Retail Advanced Inventory Planning Data Management Online - Online Help
- Oracle Retail Advanced Inventory Planning Data Management Online User Guide
- Oracle Retail Advanced Inventory Planning Order Management - Online Help
- Oracle Retail Advanced Inventory Planning Order Management User Guide
- Oracle Retail Advanced Inventory Planning Data Model Volume 1 Oracle Database Data Model
- Oracle Retail Advanced Inventory Planning Data Model Volume 2 Measure Reference Guide
- Oracle Retail Advanced Inventory Planning Installation Guide
- Oracle Retail Advanced Inventory Planning Operations Guide
- Oracle Retail Advanced Inventory Planning Implementation Guide
- Oracle Retail Advanced Inventory Planning Warehouse Replenishment Planning User Guide
- Oracle Retail Advanced Inventory Planning Store Replenishment Planning User Guide

Customer Support

- <https://metalink.oracle.com>

When contacting Customer Support, please provide:

- Product version and program/module name.
- Functional and technical description of the problem (include business impact).
- Detailed step-by-step instructions to recreate.
- Exact error message received.
- Screen shots of each step you take.

Application Overview

Introduction

AIP is a suite of products that are designed to manage the supply chain needs of large retailers, from interaction with their suppliers through various layers of warehouses down to individual stores and e-commerce sites. It couples time-phased replenishment and allocation algorithms to produce an actionable receipt plan over time. This is based on demand forecasts, replenishment parameters, and inventory availability at the numerous supply points within the supply chain.

Data Management Online

Data Management online has some main functions that are related to the physical movement of SKUs through the supply chain:

- Maintain supply points with appropriate order cycles for store orders from warehouses and suppliers
- Maintain multi tier supply points with appropriate order cycles and deliver preferences for warehouses from suppliers and warehouses.
- Maintain shared data elements across WRP and SRP, such as pack sizes by warehouse

Order Management

Order Management allows you to create and edit purchase orders and view purchase orders or transfers from suppliers and warehouses.

Purchase orders are orders that are sourced directly from suppliers.

Transfers are orders that are sourced directly from a warehouse.

Orders exist in Order Management as a result of the following processes.

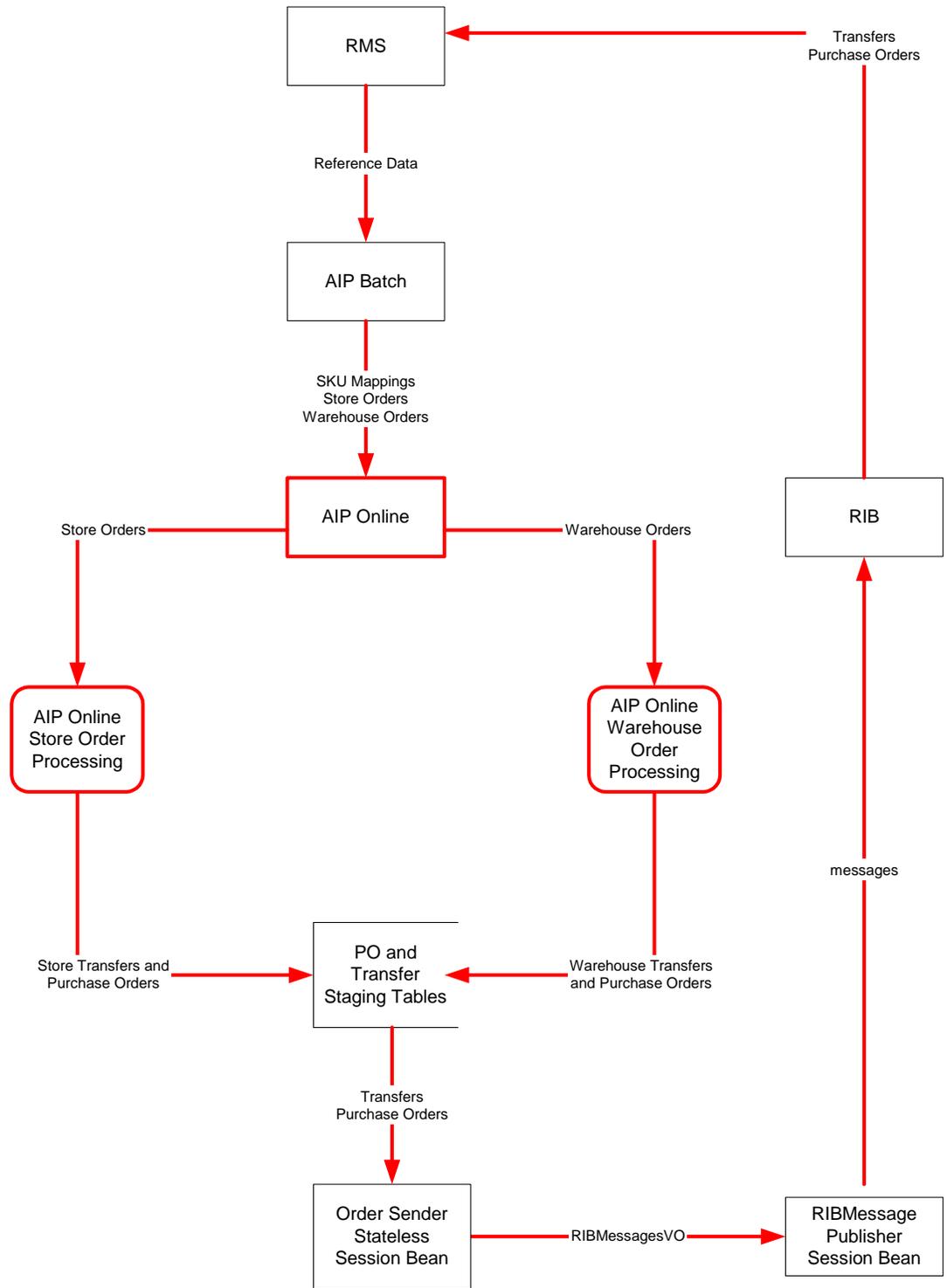
You can manually create a purchase order in order management.

Orders are automatically generated by AIP.

Purchase orders and transfers are available for review until a specified number of days after their release or delivery date.

Data Flow

Merchandise data is imported from a merchandise system. Imported data includes stores, suppliers, commodities, and warehouses.



Data Flow

Set Up the Enterprise

Overview

System administration and AIP administration allows you to set up and maintain AIP for your enterprise. Through the Administration Consoles you can set up features and default values for your enterprise and the AIP application. You can maintain information at the enterprise and application level.

Enterprise: The enterprise maintenance area allows you to incorporate corporate information into the AIP interface. You can also view services enabled for your enterprise.

Application: The application maintenance area allows you to maintain the information that users can view in the system.

Security

Security rights for each user is defined at a user level and administrated in the Administration Console. For DMO and OM there is user name and password-controlled access to the applications, data access restrictions that are based on assigned rights to classes, and screen-level access restrictions that are based on assigned privileges.

Note: Details for assigning the security parameters are in the following chapters.

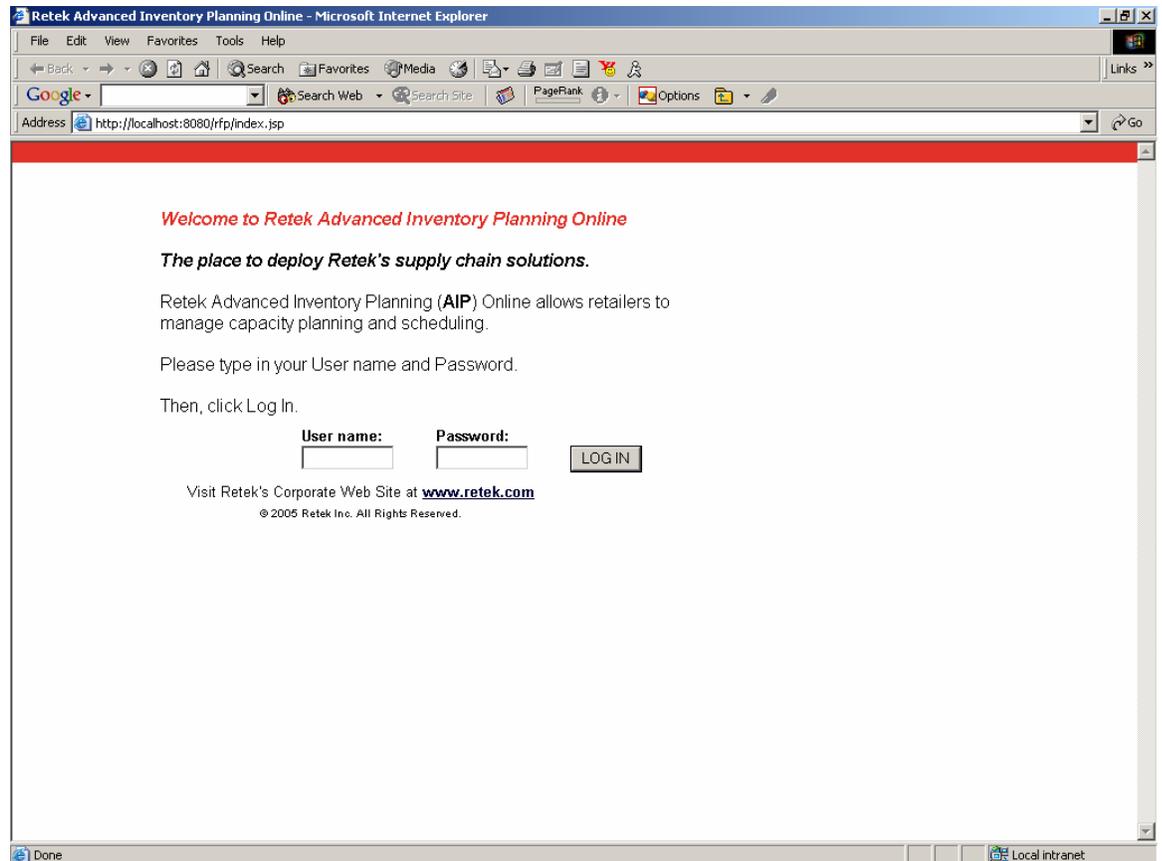
Log on to the AIP Administration Console

AIP administration is secured by an administrator password. Only individuals with an administrator profile and password can log on to the system administration area of AIP.

Procedure

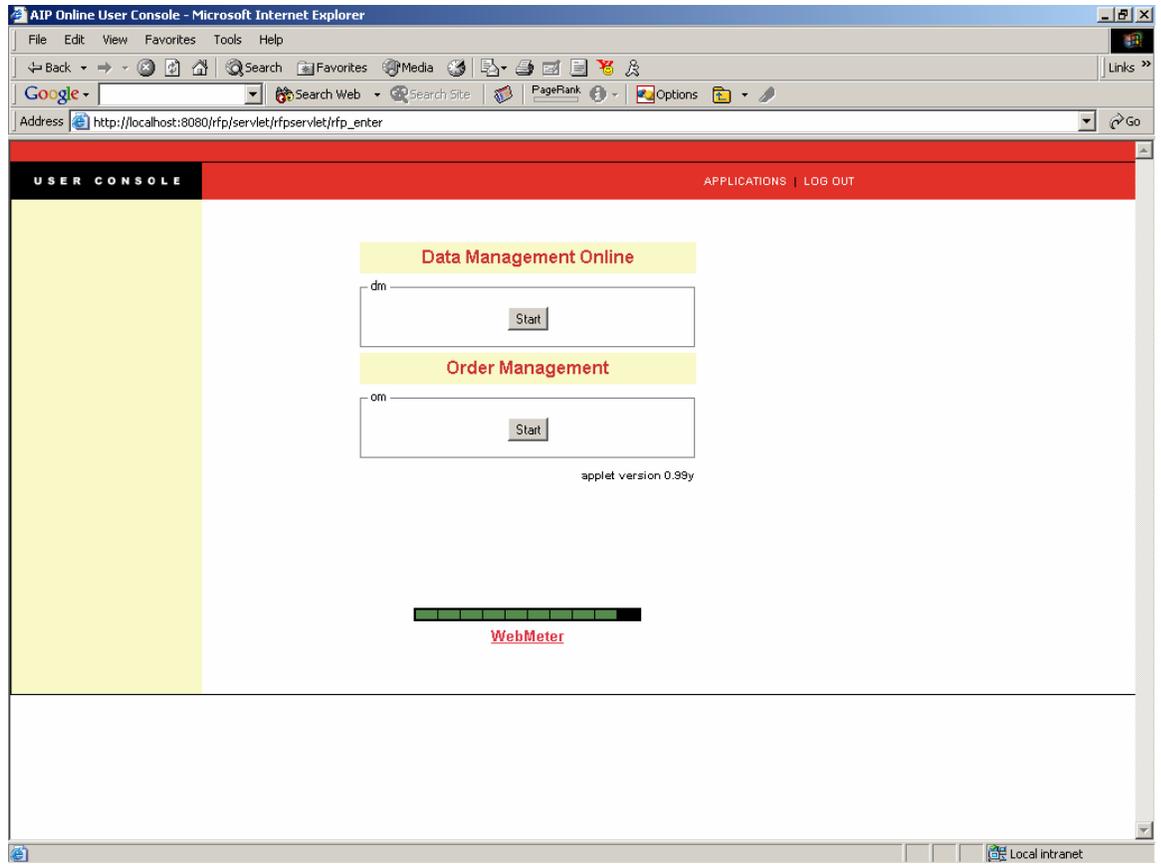
Log onto AIP Administration

1. On the Login window, enter your user ID in the User Name field.



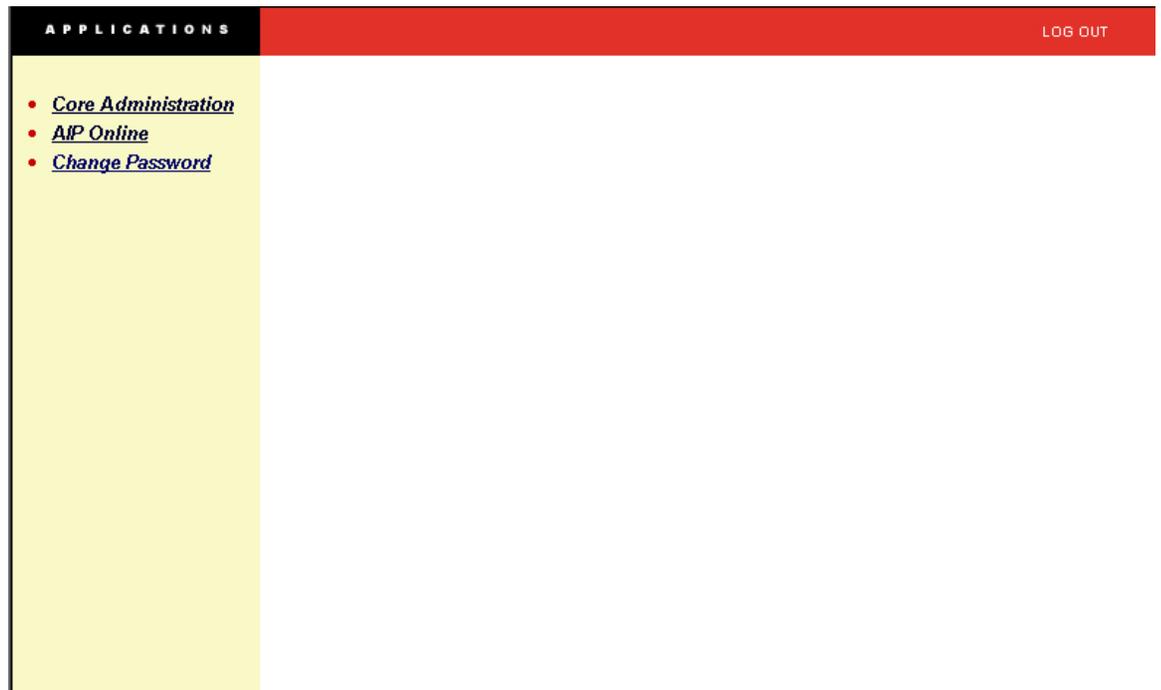
Login window

2. In the Password field, enter your password.
3. Click **Log In**. The User Console opens.

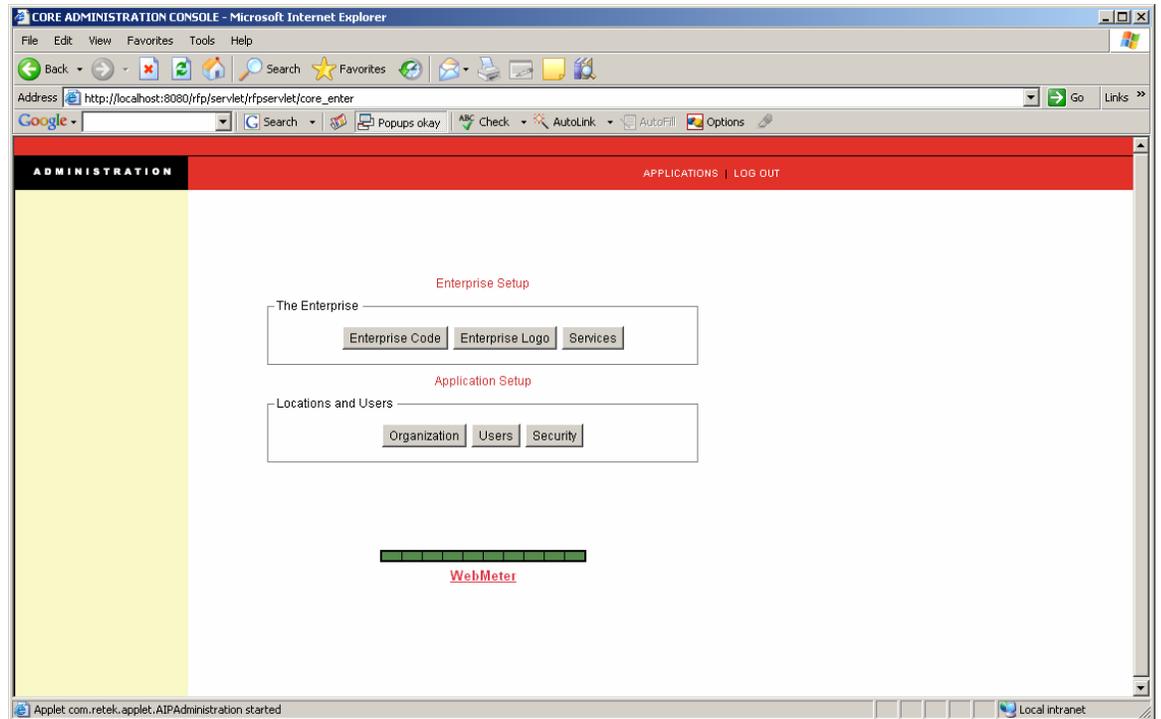


AIP User Console

4. In the Applications area, click **Core Administration**. The Administration Console opens.



AIP Applications area

**AIP Administration Console**

AIP Administration

Set Up Enterprise Code

When your enterprise is established, an enterprise code or enterprise ID is set up to differentiate your organization from other enterprises set up on the exchange. You can update your enterprise code as necessary.

Set Up Enterprise Logo

You can maintain the company logo displayed in the AIP application. When you change the logo in the Set Logo window, the logo will be changed on the Administration Console and on the User Console.

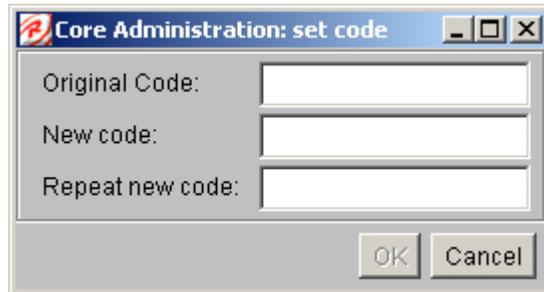
View Services

Your enterprise's e-service license agreement with Oracle Retail defines the number of users you are able to set up in your enterprise. You can view this information in the Services window.

Procedures

Change the Enterprise Code

1. On the Administration Console, click **Enterprise Code**. The Set Code window is displayed.



Set Code window

2. In the Original Code field, enter the code assigned to your organization by Oracle Retail.
3. In the New Code field, enter the new code.
4. In the Repeat New Code field, reenter the new code.
5. Click **OK** to save the new Enterprise code.

Add the Company Logo

1. On the Administration Console, click **Enterprise Logo**. The Set Logo window dialog box is displayed.
2. Click **Choose Logo**.
3. Navigate to and select the file containing the image of your logo.

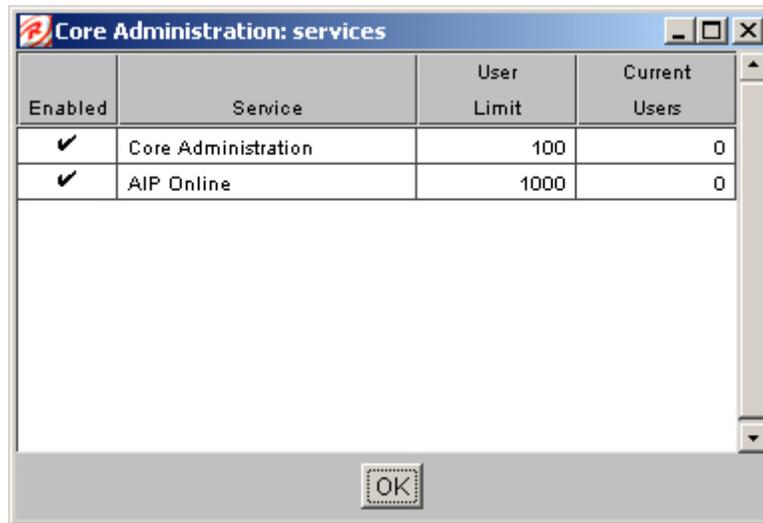
Note: The logo image file must be a .gif, .jpeg, or .jpg.

4. Click **Open**.
5. Click **Update Logo**.

Note: After you click Update Logo, you cannot cancel your changes.

View e-services Subscription Information

Navigate: On the Administration Console, click Services. The read-only Services window is displayed.



Enabled	Service	User Limit	Current Users
✓	Core Administration	100	0
✓	AIP Online	1000	0

Services window

1. On the Services window, you can:
 - a. View the subscription information for your enterprise. A check mark in the Enabled column indicates that you can access that e-service in your current subscription agreement.
 - b. View the number of users at your Enterprise that can use each e-service.
 - c. View the current number of users at your Enterprise configured for each e-service.

Note: The software license counts each user once. If an administrator also configures a user account for him or herself, both accounts are counted.

2. To change your service user limit, contact Oracle Retail Customer Support.
3. After viewing the information, click **OK** to close the window.

Set Up the Application

You can set up information pertaining to two main areas:

- **Organization:** Allows you to view or maintain the foundation information used in AIP.
- **Security and Users:** Allows you to define who is using AIP.

Log on to the System Administration Console

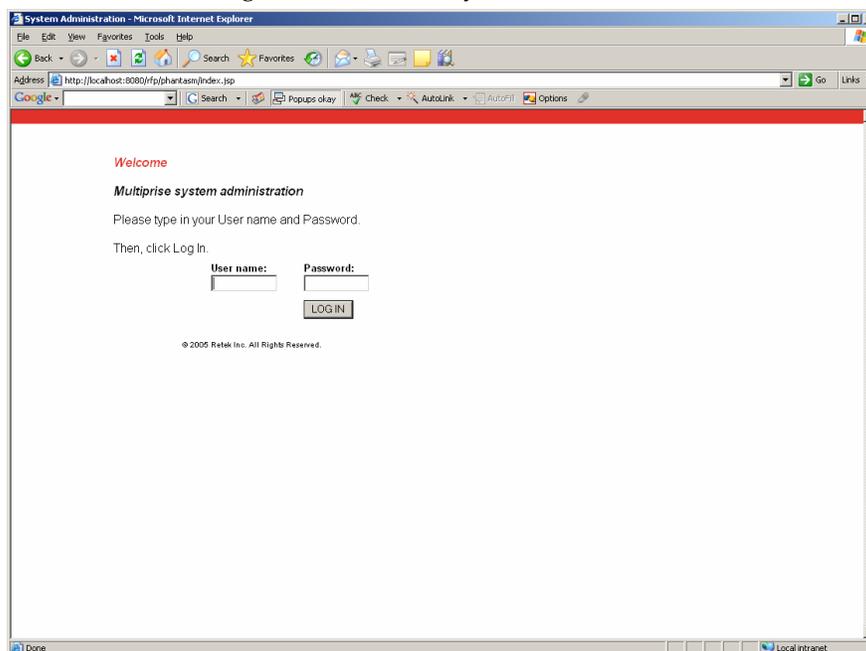
Overview

System administration is secured by an administrator password. Only individuals with an administrator profile and password can log on to the system administration area of AIP.

Procedure

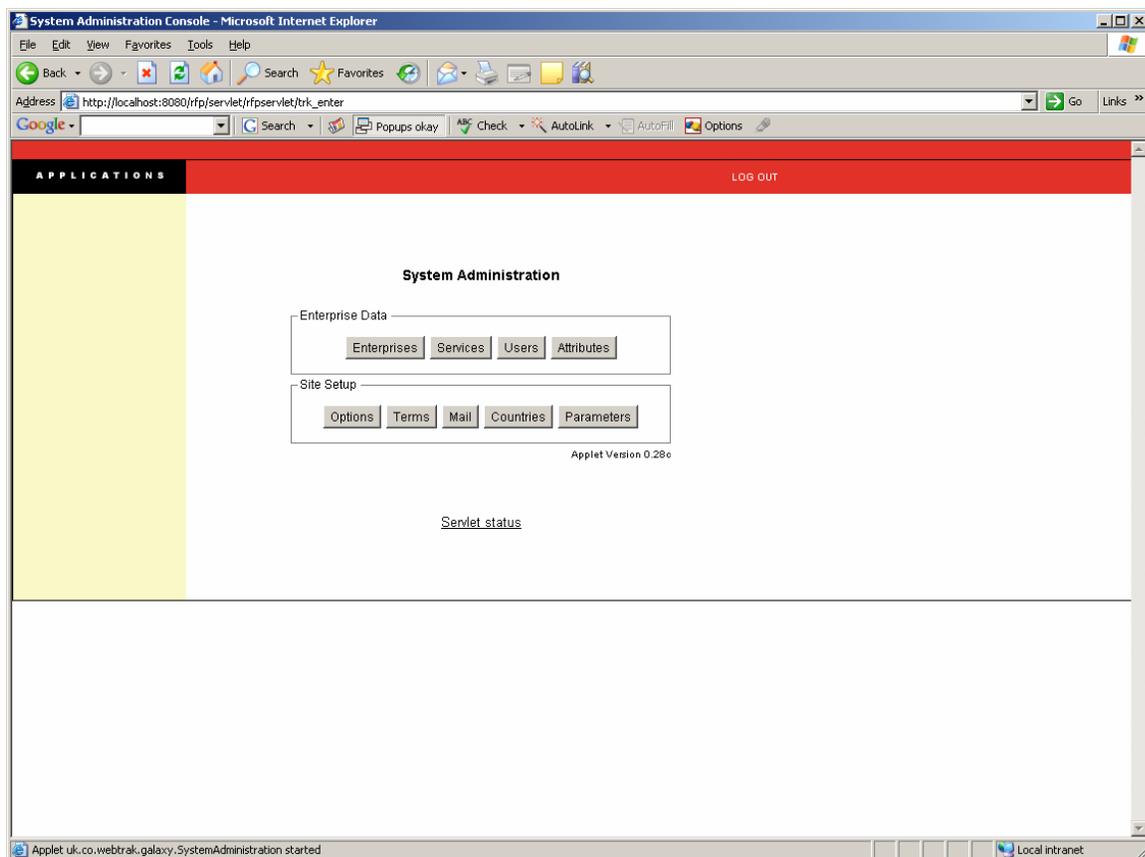
Log onto System Administration

1. At the standard application login the 'address' or URL should be modified to include 'phantasm' after the AIP online location:
<http://servername:port/aiponline/phantasm>
2. On the Oracle Retail Login window, enter your user ID in the User Name field.



Oracle Retail Login window

3. In the Password field, enter your password.
4. Click **Log In**. The System Administration Console opens.



AIP System Administration Console

Set Up Organization and User Types

Overview

The Organization Administration function allows you to identify the divisions and departments in your enterprise that use AIP. Additionally, you can define the local user types your organization uses. A local user type is a way to group users with similar responsibilities in the system.

When you set up a user, you assign the departments, and local user types that a user has access to throughout AIP.

Adding New Classes

Adding or removing classes to the available list occurs automatically as they are taken directly from the DEPARTMENTS table. The ENTERPRISE_ID column in the DEPARTMENTS table must be set to the appropriate ID from the WT_ENTERPRISES table for the data to appear as choices when assigning class privileges. Classes assigned are saved in the DEPARTMENT_LIST column in the ENT_USERS table. The trigger DEPARTMENT_SCOPE_TRIGGER then copies that data to the DEPARTMENT_SCOPE table, which is used in the joins to filter data.

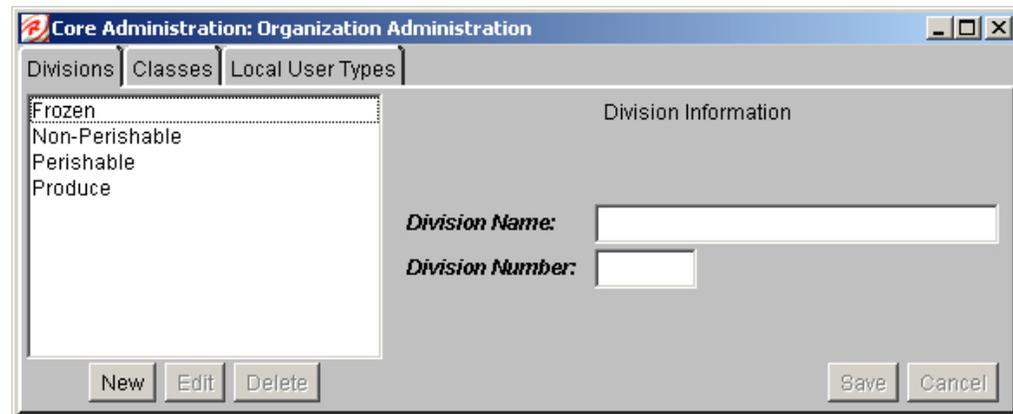
Data Restriction

The queries for populating the SKU, SKU Pack-size, Demand Group, and Classes lists of values (LOVs) in DMO join with the DEPARTMENT_SCOPE table to restrict their data display.

Procedures

Add a Division

Navigate: On the Administration Console, click Organization. The Organization Administration window opens.



Organization Administration window – Divisions tab

1. On the Divisions tab, click **New**.
2. In the Division Name field, enter the name of the new division.
3. In the Division Number field, enter the number that identifies this division
4. Click **Save**. The database is updated with the new entry.
5. Click the close window  button to return to the Administration Console window.

Edit a Division

Navigate: On the Administration Console, click Organization. The Organization Administration window opens.

1. On the Divisions tab, select the name of the division in the list that you want to edit.
2. Click **Edit**.
3. Modify the information in the entry fields.
4. Click **Save**. The database is updated with the new entry.
5. Click the close window  button to return to the Administration Console window.

Delete a Division

Navigate: On the Administration Console, click Organization. The Organization Administration window opens.

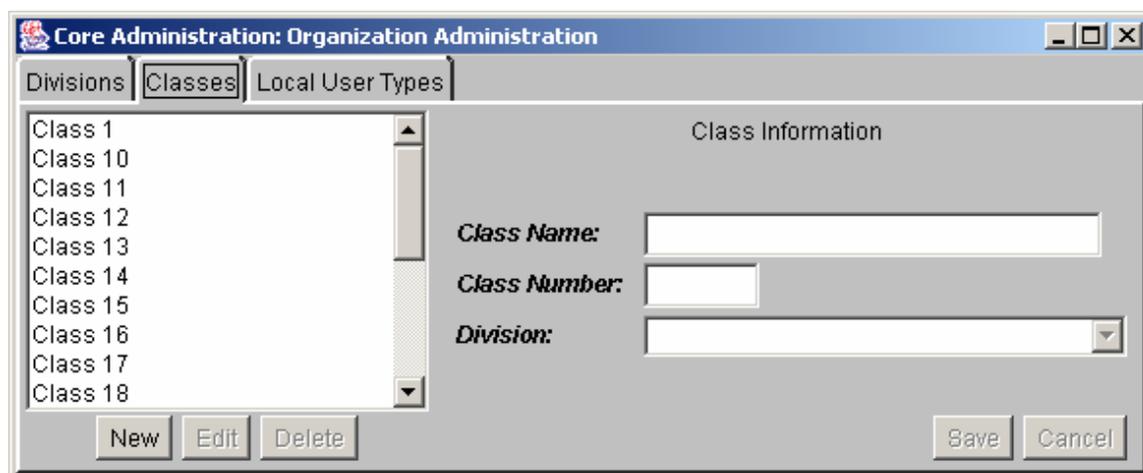
1. On the Divisions tab, select the name of the division in the list that you want to delete.

Note: You cannot delete a division that is currently in use.

2. Click **Delete**. A dialog box is displayed to confirm your decision.
3. To proceed, click **OK**. The division is deleted from the list
4. Click the close window  button to return to the Administration Console window.

Add a Class

Navigate: On the Administration Console, click Organization. The Organization Administration window opens.



Organization Administration window – Classes tab

1. Click on the **Classes** tab. A list of classes and class information fields are displayed.
2. Click **New**.
3. In the Class Name field, enter the name of the new class.
4. In the Class Number field, enter the number that will be used to identify this new class.
5. In the Division field, select the division associated with this new class from the drop-down list.
6. Click **Save**. The database is updated with the new entry.
7. Click the close window  button to return to the Administration Console window.

Edit a Class

Navigate: On the Administration Console, click Organization. The Organization Administration window opens.

1. Click on the **Classes** tab. A list of classes and class information fields are displayed.
2. Select the class you want to edit.
3. Click **Edit**. The fields are enabled.
4. Edit the details as is necessary.
5. Click **Save**. The database is updated with the new entry.
6. Click the close window  button to return to the Administration Console window.

Delete a Class

Navigate: On the Administration Console, click Organization. The Organization Administration window opens.

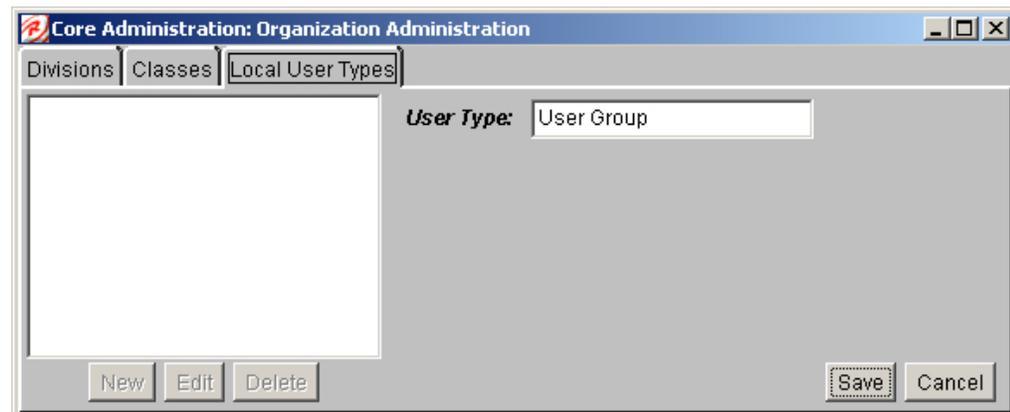
1. Click on the **Classes** tab. A list of classes and class information fields are displayed.
2. Select the class you want to delete.

Note: You cannot delete a class that is currently in use.

3. Click **Delete**. A dialog box is displayed to confirm your decision.
4. To proceed, click **OK**. The class is deleted from the list.
5. Click the close window  button to return to the Administration Console window.

Add a Local User Type

Navigate: On the Administration Console, click Organization. The Organization Administration window opens.



Organization Administration window – Local User Types tab

1. Click on the Local User Types tab.
2. Click **New**.
3. In the User Type field, enter the role you want to assign to users.
4. Click **Save**. The database is updated with the new entry.
5. Click the close window  button to return to the Administration Console window.

Edit a Local User Type

Navigate: On the Administration Console, click Organization. The Organization Administration window opens.

1. Click on the Local User Types tab.
2. Select the user type to edit.
3. Click **Edit**.
4. Edit the enabled fields as necessary.
5. Click **Save**. The database is updated with the new entry.
6. Click the close window  button to return to the Administration Console window.

Delete a Local User Type

Navigate: On the Administration Console, click Organization. The Organization Administration window opens.

1. Click on the Local User Types tab.
2. Select the user type you want to delete.
3. Click **Delete**. A dialog box is displayed to confirm your decision.
4. To proceed, click **OK**. The local user type is deleted from the list.
5. Click the close window  button to return to the Administration Console window.

Set Up System Security

Overview

Each user must have their application permissions granted by the administrator. The administrator can choose to set up default selections, remove options, or create new security roles. The security setup will be used during the set-up and maintenance of each user's security permissions.

The creation of screen privileges will be provided in the installation. Application upgrades may also provide new screen privileges when necessary. The table for the permission list is WT_SRVUSERTYPES. Permission groups will be defined only by the client, either during implementation or later.

Setting a privilege as a default will cause the privilege to be defaulted as a "selected" security option when the security privileges are displayed for a new user.

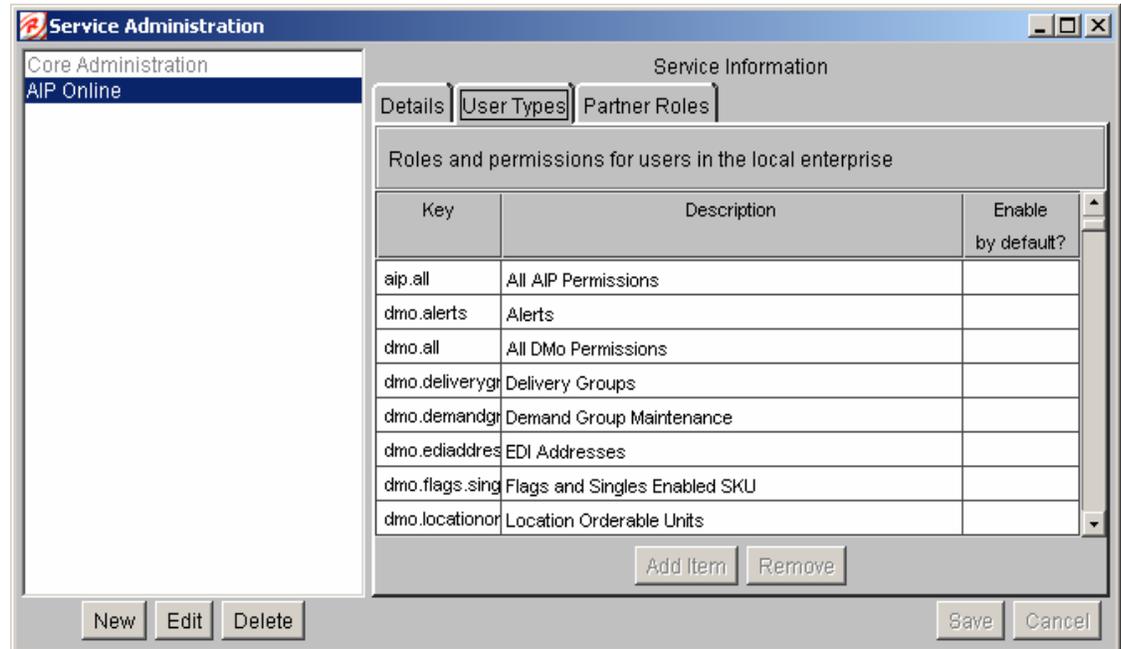
Adding a new permission group will allow you to set up groups of screen privileges which can be assigned to users. Assigning a permission group to a user grants them permission to all privileges assigned to the permission group. This provides a way to mass assign privileges. The permission group must first be created in the System Administration console before screen privileges can be assigned to the group.

Removing a privilege or permission group will prevent the privilege from being displayed as a user security privilege. This will prevent you or other administrators from assigning the privilege to any users.

Procedures

Create a Default Privilege

Navigate: On the System Administration Console, click Services. The Services Administration window opens.



Services Administration window –User Types tab

1. Select 'AIP Online' in the services list.
2. Click on the User Types tab.
3. Click **Edit**.
4. Click in the 'Enable by Default' column next to the desired permission.
5. Click **Save**.

Delete a Default Privilege

Navigate: On the System Administration Console, click Services. The Services Administration window opens.

1. Select 'AIP Online' in the services list.
2. Click on the User Types tab.
3. Click **Edit**.
4. Click on the check mark in the 'Enable by Default' column next to the defaulted permission.
5. Click **Save**.

Create a Permission Group

Navigate: On the System Administration Console, click Services. The Services Administration window opens.

1. Select 'AIP Online' in the services list.
2. Click on the User Types tab.
3. Click **Edit**.
4. Click **Add Item**.
5. Enter a key in the field.

Note: The key must start with **sec:** to be recognized as a permission group.

6. Enter a description.
7. Determine the desired default option.
8. Click **Save**.

Delete a Permission Group

Navigate: On the System Administration Console, click Services. The Services Administration window opens.

1. Select 'AIP Online' in the services list.
2. Click on the User Types tab.
3. Click **Edit**.
4. Select the permission group to be deleted.
5. Click **Remove**.
6. Click **Save**.

Set Up Permission Groups

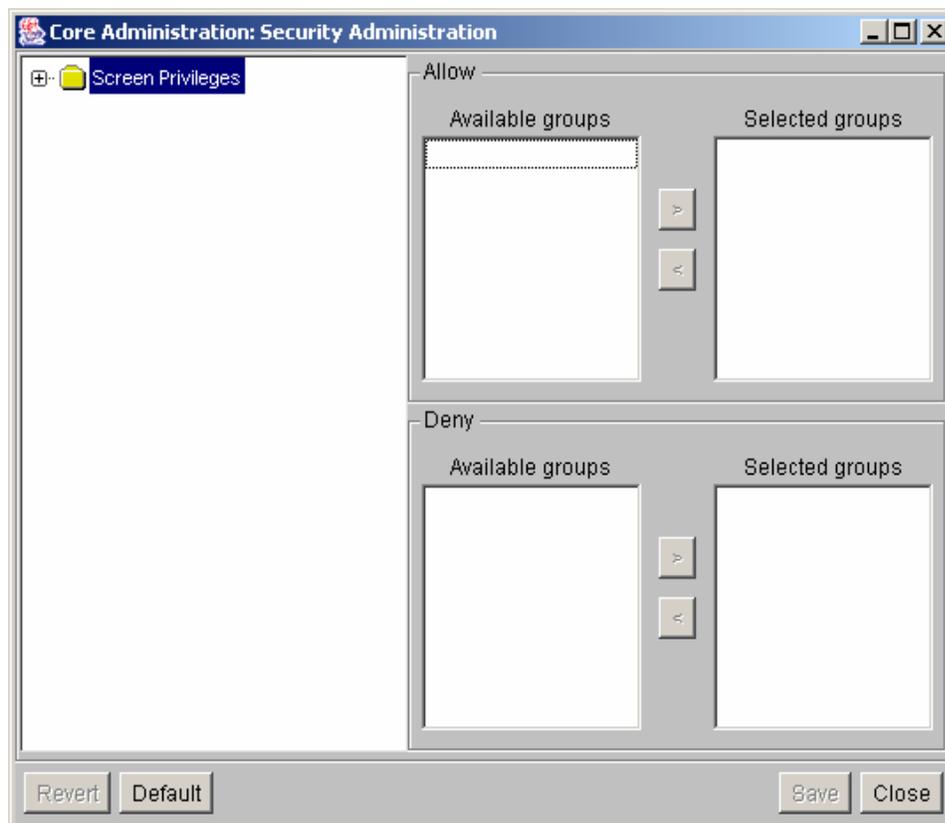
Overview

Permission groups are created in the System Administration console. Once created, you can assign privileges to them. By assigning privileges you are creating groupings of privileges that can be assigned to a user en masse rather than individually picking each privilege and assigning it to the user. This also provides a type of mass maintenance capability. By adding a privilege to a permission group you are automatically assigning the privilege to every user which is assigned the permission group. Similarly, removing a privilege from the permission group denies that privilege to all users which are assigned the permission group.

Procedures

Assign Privileges to a Permission Group

Navigate: On the AIP Administration Console, click Security. The Security Administration window opens.



Core Administration window

1. Click + to display the screen privileges
2. Select a screen privilege
3. In the Allow Available groups select a permission group to be assigned to the screen privilege.
4. Click > to move the permission group to the Allow Selected groups list.
5. Click **Save**.

Delete Privilege from Permission Group

Navigate: On the AIP Administration Console, click Security. The Security Administration window opens.

1. Click + to display the screen privileges
2. Select a screen privilege
3. In the Allow Selected Groups select a permission group to be removed from the screen privilege.
4. Click < to move the permission group to the Allow Available groups list.
5. Click **Save**.

Set Up Users

Overview

Each user must be set up by an administrator. There are two types of users, administrators and users. Administrators have access to and can maintain the administration console. There must be at least one system administration user. This user is created during implementation and has the access to create new privilege types as described below.

Users have access to the User Console of AIP. They cannot maintain any of the system level settings. A user's permissions may be further limited by scope set by the administrator. Scope defines which departments a user has access to maintain tracks for.

Note: When you set up the users, you assign local user types.

User Definition

User Name Restrictions

- Must be a minimum of 1 and a maximum of 16 characters in length
- May contain any characters, which means that symbols, including spaces, are allowed
- Must be unique

Password Restrictions

- Must be a minimum of 6 and a maximum of 128 characters in length
- Must have at least five different characters
- Must not be simple; The following are not allowed:
 - Sequences (ABCDE or ABCXYZ)
 - Four consecutive characters as this results in “pairing” (ABCDEF results in give pairs AB, BC, CD, DE, EF)
- Must not be easily derivable from the user name or full name
- Must not be easily derivable from the previous password
- Must not be derivable from a dictionary entry (the dictionary is configurable)

The rules are defined via the `opt/rfp/properties/security.properties` file. The format of this is:

- Password:
- `trackeradmin.prop.pwrules.code=uk.co.webtrak.security.passwords.rules.simple.Checker`
- `trackeradmin.prop.simplepw.dictionary=pw_dictionary`

Failed Login Lockout

Three invalid entries of a password for a given user ID within twenty-four hours turns off that user ID for five days. The password must be reset using the enterprise administrator screen shown above.

The properties for setting the parameters, the number of failed login tries, and the number of days locked out can be set in the `opt/rfp/properties/security.properties` file:

Lockout Parameters

```
trackeradmin.prop.password.lockout.count=3
trackeradmin.prop.password.lockout.interval=20m
trackeradmin.prop.password.lockout.wait=3d
```

Auditing

Security changes and session activity are recorded in an audit table (ENT_AUDIT).

Note: Password cycling, failed logins, and so on are driven from this table. It is important to recognize the impact of clearing this table too frequently.

`opt/rfp/properties/security.properties` file setting:

Auditing (On or Off)

```
trackeradmin.prop.audit=1
```

Password Cycling

A password may be set to NOT be reused within 'N' changes or 'M' days. For example:

- If an "N" change is set to 5, the first password cannot be used on turns 2, 3, 4, or 5; however, the first password can be used again in turn 6.
- If an "M" change is set to 3, the same password cannot be used again in the space of days.

These parameters are specified via the `opt/rfp/properties/security.properties` file.

Note: The history used to validate these parameters is the audit table (ENT_AUDIT). See the Auditing section above.

Uniqueness parameters:

```
trackeradmin.prop.password.uniqueness=1
trackeradmin.prop.password.uniqueness.interval=120d
```

Here the password can be reused every time or after 120 days.

Password Aging

The aging of passwords can be set to be seconds, minutes, hours, or days. The settings are specified via the `opt/rfp/properties/security.properties` file. See the following format:

Password Expiry

```
trackeradmin.prop.passwordexpiry=300s
```

In this example the password expires in five minutes.

Tables Referenced

ENT_ATTRS
ENT_AUDIT
ENT_LOCATIONS
ENT_LOCKS
ENT_MCLDATA
ENT_MCLHEADINGS
ENT_PARAMETERS
ENT_PARAMVALUES
ENT_PARTNERDEPTS
ENT_PARTNERS
ENT_PHASES
ENT_RESOURCES
ENT_SEASONS
ENT_SRVUSERTYPES
ENT_STAMPS
ENT_USERS

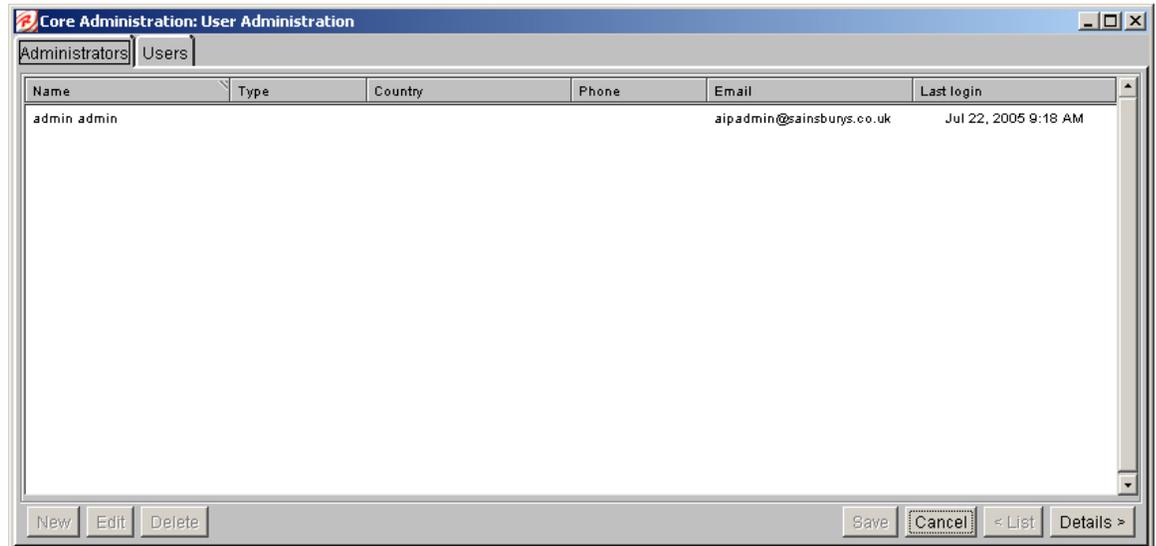
Properties Files

opt/rfp/properties/security.properties

Procedures

Add an Administrator

Navigate: On the Administration Console, click Users. The User Administration window opens.



User Administration window – Administrators tab list view

1. Click **New**. The details view of the Administrators tab is displayed.

The screenshot shows the same window as above, but now in the "Details" view. The "Administrators" tab is still active. The form contains the following fields:

First Name:	<input type="text"/>	Phone:	<input type="text"/>
Last Name:	<input type="text"/>	Country:	<input type="text"/>
Email:	<input type="text"/>	Location:	<input type="text"/>
Username:	<input type="text"/>	Preferred Language:	<input type="text" value="system default"/>
New Password:	<input type="text"/>		
Retype New Password:	<input type="text"/>		
Password Status:	<input type="text" value="Normal"/>		
Account Status:	<input type="text" value="Normal"/>		
New Status:	<input type="text" value="No change"/>		

At the bottom of the window, there are buttons for "New", "Edit", "Delete", "Save", "Cancel", "< List", and "Details >".

User Administration window – Administrators tab detail view

2. Enter necessary information in the fields. Required fields are:
 - First and last Name
 - E-mail
 - Username
 - New Password
 - Retype New Password

Save is not enabled until all required entries are made.

3. Click **Save** to save the changes.
4. Click the close window  button to return to the Administration Console window.

Edit an Administrator

Navigate: On the Administration Console, click Users. The User Administration window opens.

1. Select the name of an administrator.
2. Click **Edit**. The details list is displayed.
3. Update the information as necessary.
4. Click **Save** to commit the changes.
5. Click the close window  button to return to the Administration Console window.

Delete an Administrator

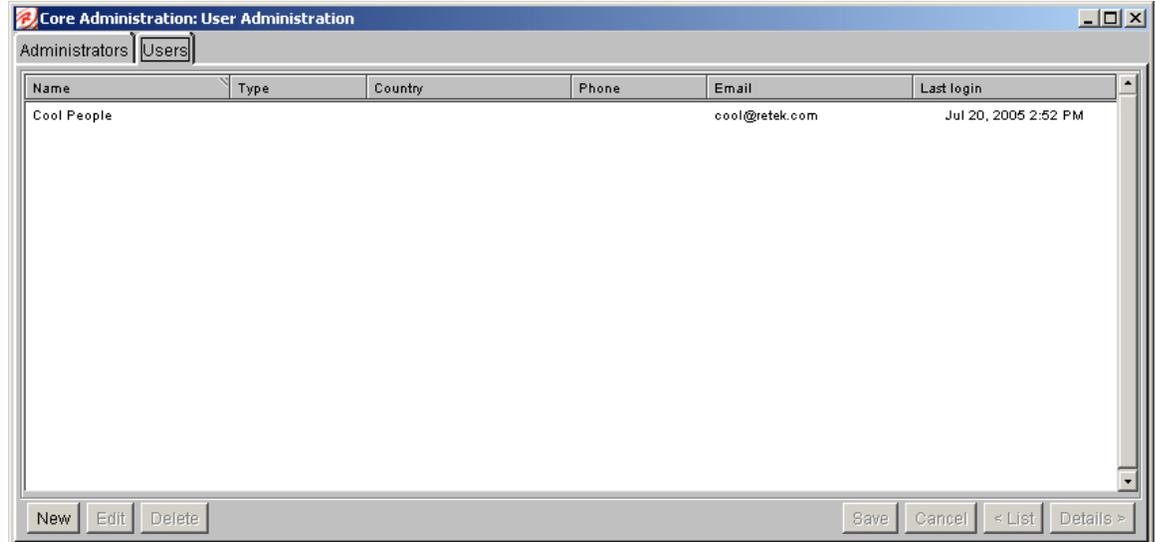
Navigate: On the Administration Console, click Users. The User Administration window opens.

1. Select the name of an administrator. All contact information is highlighted.
2. Click **Delete**. A dialog box is displayed to confirm your decision.
3. To proceed, click **OK**. The administrator's name is deleted from the list.
4. Click the close window  button to return to the Administration Console window.

Add a User

Navigate: On the Administration Console, click Users. The User Administration window opens.

1. Click on the **Users tab**. The Users list is displayed.



User Administration window – Users tab list view

2. Click **New**. The details view of the Users tab is displayed.

The screenshot shows the 'Core Administration: User Administration' window with the 'Users' tab selected and the 'Details' sub-tab active. The form contains the following fields and controls:

- First Name:
- Last Name:
- Email:
- Username:
- New Password:
- Retype New Password:
- Password Status:
- Account Status:
- New Status:
- Account Manager:
- Review only:
- Type:
- Phone:
- Country:
- Location:
- Preferred Language:

At the bottom of the window, there are buttons for 'New', 'Edit', 'Delete', 'Save', 'Cancel', '< List', and 'Details >'.

User Administration window – Users tab details view

3. Add user details:
 - a. On the Details tab, enter necessary information about the new user. Entries are required in these fields:
 - First Name
 - Last Name
 - E-mail
 - Username
 - New Password
 - Retype New Password
 - b. Select or clear the Account Manager check box.

Note: When selected, trading partners can see this user in your Enterprise and assign tracks to them. When the check box is cleared, the trading partner is unable to see or assign tracks to this user.

- c. Select or clear the Review Only check box.

Note: When selected, the user has read-only access, and cannot edit or update in AIP. If the check box is cleared, this user can edit and update in AIP.

 - d. Select items for Type, Country, and Location from the drop-down lists.
4. Define a user's scope
 - a. Select the Scope tab. The Scope tab is displayed.
 - b. In the Available Classes list, click on a class name to be assigned to the user. At least one Class is required to create a user.
 - c. Click > to move the class to the Selected Class list.
 - d. To remove a class from the Selected Classes list, select the class name. The Left Arrow at the center of the window is enabled. Click < to return the class to the Available Classes list.

Note: Save is not enabled until there are entries in all required fields.

5. Define a user's system permissions
 - a. Select the **Permissions** tab. The Permissions tab is displayed.
 - b. In the Enabled column, select AIP from the list of Services. The Available Types column lists the user roles for your enterprise.
 - c. In the Available Types list, select the role that applies to this user.

Note: The permission groups are listed along with each individual screen privilege. The selected individual screen privileges along with the screen privileges assigned to any selected permissions groups comprise the list of the users security permissions.

- d. Click > to move the role to the Selected Types list.

6. Click **Save** to commit your changes.
7. Click the close window  button to return to the Administration Console window.

Edit User Information

Navigate: On the Administration Console, click Users. The User Administration window opens.

1. Select the **Users tab**. The Users list is displayed.
2. Select the user name you wish to edit.
3. Click **Edit**. The Details tab is displayed with the entry fields enabled.
4. Change the information in any or all of the entry fields.
5. Click **Save** to save the changes.
6. Click the close window  button to return to the Administration Console window.

Delete a User

Navigate: On the Administration Console, click Users. The User Administration window opens.

1. Select the **Users tab**. The Users list is displayed.
2. Select the name you wish to delete.
3. Click **Delete**. You are prompted to confirm your decision.
4. Click **OK**. The selected user is deleted from the list and the database.
5. Click **List** to return to the Users tab list view. The user's name is deleted from the list.
6. Click the close window  button to return to the Administration Console window.

Privileges

Access Control

Rights are assumed to be denied unless explicitly assigned. Permissions exist for granting all rights within a given application or across the AIP suite.

For Data Management and Order Management, all fields within the windows in inaccessible tabs are disabled. An alert message displays when a user attempts to access an unassigned or denied tab. The message indicates that this area is not accessible for the user.

Note: This alert message will not display if the tab is the default selection in a selected area.

Message: The security privileges of the current user do not grant access to this functionality.

Table for permission list is WT_SRVUSERTYPES.

Privileges

Key	Description
aip.all	All AIP Permissions
dmo.alerts	Alerts
dmo.all	All DMO Permissions
dmo.deliverygroups	Delivery Groups
dmo.demandgroupmaintenance	Demand Group Maintenance
dmo.ediaddresses	EDI Addresses
dmo.flags.singles.enabled.sku	Flags and Singles Enabled SKU
dmo.locationorderableunits	Location Orderable Units
dmo.nonordernondelivery	Non Order/Non Delivery Days
dmo.nonrelease	Non Release/Non Receipt Days
dmo.onsupplyoffsupply	On Supply/Off Supply
dmo.ordercyclecreation	Order Cycle Creation/Maintenance
dmo.ordercycle	Order Cycle
dmo.ordergroups	Order Groups
dmo.pallet.order.multiples	Pallet Order Multiples
dmo.planninghorizon	Planning Horizon
dmo.profilecopyexceptions	Copy Profile Exceptions
dmo.profilereleaseplacement	Profile Release and Placement Schedule Exceptions
dmo.profiles.department	Class to Profile Assignment

Key	Description
dmo.profiles.planninggroup	Planning Group Maintenance
dmo.profiles.supplyprofiles	Supply Profiles
dmo.promstartenddates	Promotional Start and End Dates
dmo.push.singles	Push Singles Flag
dmo.rangingwarehouse	Ranging
dmo.receive.avail.leadtimes	Receipt to Availability Lead Time
dmo.receivingwindows	Receiving Windows
dmo.release.placement.schedule	Release And Placement Schedule Exceptions
dmo.release.profile.store	Profile - Store Schedule Exceptions
dmo.siteandchamber	Site and Chamber Maintenance
dmo.skukeeptogether	SKU Keep Together
dmo.skureleaseschedule	SKU Release Schedule Exceptions
dmo.slotsandshifts	Slots and Shifts
dmo.sourcesplits.timebalanced	Time Balanced Supply Source Splits
dmo.stockless.ind.exceptions	Stockless Indicator Exceptions
dmo.storeformatpacksize	Store Format Packsize Defaults
dmo.storepriority	Store Priority
dmo.storereceivingcalendar	Store Receiving Calendar
dmo.storereconflag	RDC to Store Reconciliation Flag Exceptions
dmo.storesource	Store Source
dmo.storesource.massmaintenance	Store Source Mass Maintenance
dmo.supplierlocks	Supplier Locks
dmo.supplierreleaseplacement	Supplier Release and Placement Schedule Exceptions
dmo.two.stage.ordering	Two Stage Ordering
dmo.warehouse.coupled	Warehouse Coupled Flag
dmo.warehousecalendar	Warehouse Calendar
dmo.whstoreorderingschedules	WH and Store Ordering Schedules
dmo.withindayswitching	Within Day Switching

Caching

Data objects that are used in more than one screen are usually cached. Those that are used in a single screen are not usually cached. The data cache resides on the client layer, so the contents are specific to the data that is requested by a given user. When cached data is updated, all attributes are updated, such as name, flags, and so on.

Cached Data

Commodity
CommodityPackSize
Communication
DeliveryGroup
DemandGroup
Class
NetworkGroup
OrderCycle
OrderGroup
PlanningGroup
ProductType
Profile
ReceivingWinow
Shift
Slot
StockingPoint
StockingPointStatus
Store
StoreFormat
StoreOrderCycle
Supplier
SupplierCommodityPackSize
SupplierLocation

Cached Data Update

In the following table:

- The first column defines cached data status.
- The first row defines how data are retrieved.
- The second row defines retrieved data status.
- Each cell defines whether the cached data is updated.

	Data retrieved by querying		Data retrieved by refreshing	
	No timestamp change	Timestamp changed	No timestamp change	Timestamp changed
Cached data unmodified	Do not update cached data	Update cached data	Do not update cached data	Update cached data
Cached data modified	Update cached data	Update cached data	Update cached data	Update cached data