



How-To... Add Sensitive Content into an Area

For Web Page Composer in SAP NetWeaver Portal 7.3

Applicable Releases:

SAP NetWeaver 7.3

Version 1.0

Jun 2011



HOW-TO GUIDE

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Document History

Document Version **Description**

1.00	First official release of this guide
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Typographic Conventions

Type Style	Description
<i>Example Text</i>	Words or characters quoted from the screen. These include field names, screen titles, pushbuttons labels, menu names, menu paths, and menu options. Cross-references to other documentation
Example text	Emphasized words or phrases in body text, graphic titles, and table titles
Example text	File and directory names and their paths, messages, names of variables and parameters, source text, and names of installation, upgrade and database tools.
Example text	User entry texts. These are words or characters that you enter in the system exactly as they appear in the documentation.
<Example text>	Variable user entry. Angle brackets indicate that you replace these words and characters with appropriate entries to make entries in the system.
EXAMPLE TEXT	Keys on the keyboard, for example, F2 or ENTER.

Icons

Icon	Description
	Caution
	Note or Important
	Example
	Recommendation or Tip

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1. Business Scenario

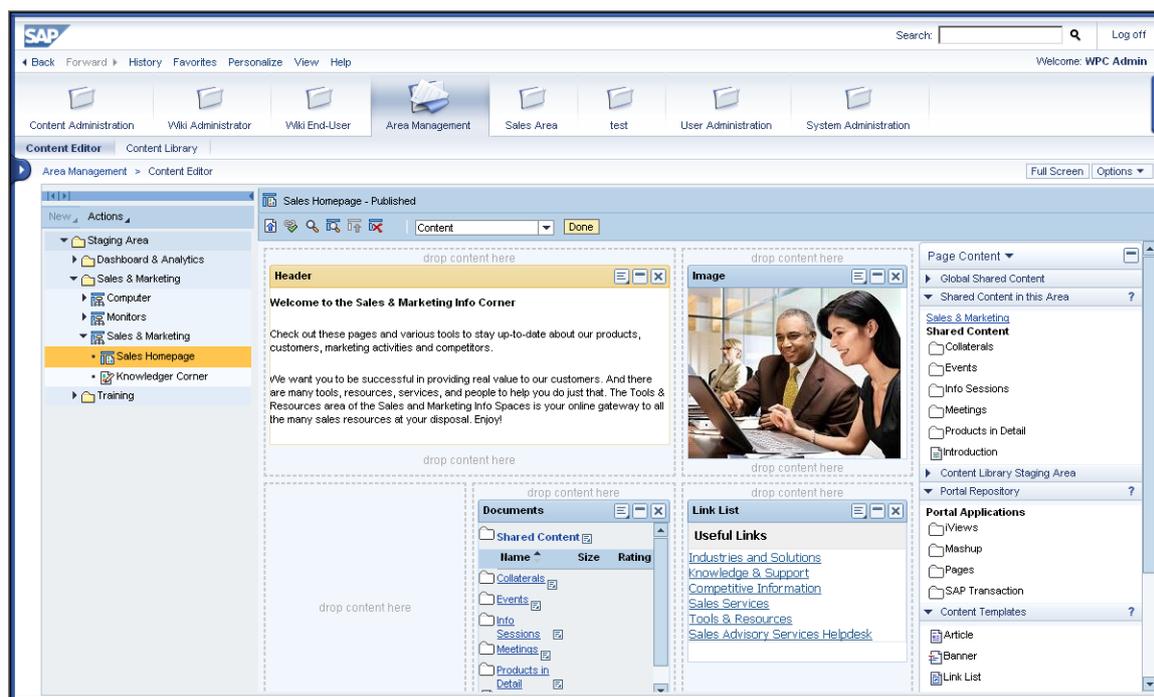
With the new version of Web Page Composer in SAP NetWeaver, 7.3 authors can easily create contextual areas of content that can be exposed to set of users defined by roles, groups or users. This How-to Guide explains how to add sensitive content to an area, for viewing only by a defined subset of users (such as a group of managers).

2. Background Information

2.1 Background

Web Page Composer is a tool that enables business to easily create and manage portal pages. These pages can combine business applications with user-generated Web content and static content. In this way, major content-creation activities can be performed directly by business users, enabling IT personnel to focus on core tasks.

Web Page Composer provides an intuitive work environment that is fully based on standard portal capabilities. Applications and content can be integrated from SAP and non-SAP sources. Portal pages can be enriched with applications and user-generated, unstructured content such as articles, news, documents, and banners.



2.2 Proposed Solution

Content areas in portal pages are not defined by role. Instead, access is enabled by setting role-based permission to each defined area.

In addition, by combining end-user permissions and shortcuts, an author can manipulate the area content structure in such a way that only authorized users will be exposed to the source content.

Important

- Using this solution excludes the sensitive content from the navigation cache (portal mechanism for performance improvement). For more information about navigation cash refer to online help:
http://help.sap.com/saphelp_nw73/helpdata/en/4a/1c7a9539e11b42e1000000a42189c/frameset.htm
- Any other solution (such as KM shared content) might be visible and will not ensure secure content (e.g. If KM shared content is linked to a page the permissions defined on resource level has to be maintained accordingly).

3. Prerequisites

3.1 Software

- SAP NetWeaver 7.3 with NetWeaver portal installed
- Web Page Composer environment used and configured as described in:
http://help.sap.com/saphelp_nw73/helpdata/en/08/3abbc0a75743d2b075f4fc140a16f3/frameset.htm

For more information about Web Page Composer, refer to the online help:

http://help.sap.com/saphelp_nw73/helpdata/en/1e/013f420e09b26be10000000a155106/frameset.htm

3.2 Content

- An existing portal area published and connected to a role
- End-user permissions assigned to the area
- The following previously-defined permissions:
 - "Full Control" – on the existing portal area
 - "Owner" – on the folder that will contain the new area for the sensitive content

4. Step-by-Step Procedure

The overall process for adding sensitive content to a portal area includes the following procedures:

1. Create and publish a new area with sensitive content.
2. Grant end-user permissions only to authorized users who may view the sensitive content
3. Connect the sensitive content to your content structure:
 - Connect the sensitive content to a role by defining a new connection
 - Connect the sensitive content to another area using a shortcut

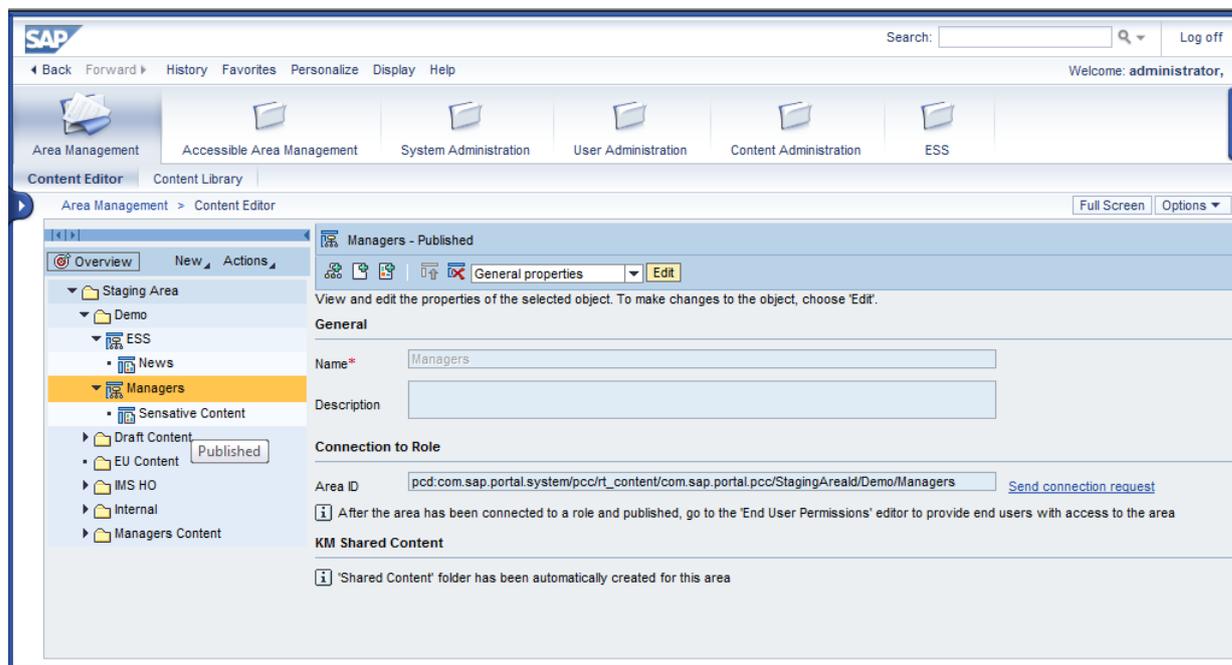
4.1 Create and Publish the Sensitive Content

1. In the portal, navigate to *Area Management* → *Content Editor*.
2. Select the folder that contains the "Owner" permissions and which will contain the new area.
3. Create the new area and call it "Managers".
4. Create a page in the new area and call it "Sensitive Content".
5. Add content to the page.

Note

Shared content may be exposed to other users in different pages

6. Publish the page.
7. Publish the area.



4.2 Grant End-User Permissions

1. From the "Staging Area" tree, select the "Managers" area.
2. From the dropdown list in the toolbar of the area, select "End user permissions".
3. Click "Edit".
4. Manually assign permissions to your authenticated users

Assignment of End User Permissions to Area

Select users, groups, and roles to which you want to grant runtime access to the area:

- Assign all roles: grant permission to all users and groups assigned to any role connected to the area
- Manual: grant permission by assigning specific users, groups, and roles to the area
 - This option does not apply navigation cache capabilities to content in this area at runtime. End users can expect less than optimal performance when viewing content in this area.

5. Select "New" to add new user, groups, or roles.
6. From the Find list, choose the principals, and run a search (you can use asterisks).
7. Add the selected entry by clicking the Add button.

Manually Assigned Permissions

New Remove

Type	Name	ID
No permissions assigned		

Find: Group Go

Add Performs the search

Name	ID
managers	GRUP.PRIVATE_DATASOURCE.un:managers

8. Save.

Managers - Published

End user permissions Save Cancel

Note

The selected users should be a subgroup of the users who have access to the original role or the area to which the content will be connected. Otherwise, those users will not have access to the sensitive content.

4.3 Connect the Sensitive Content to Your Structure

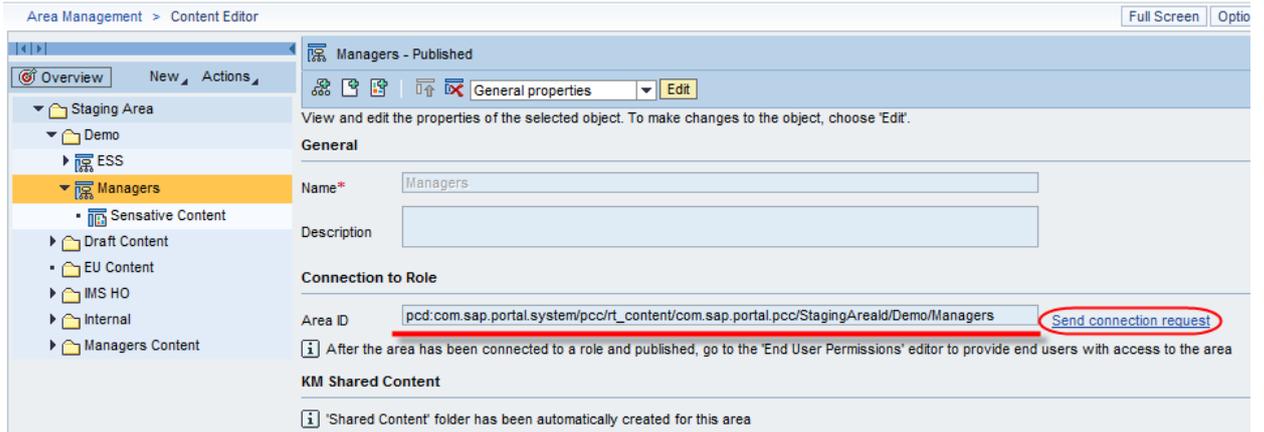
You can connect the sensitive content to an area in one of two ways:

- Connect the Content to a Rule Using a New ConnectionBusiness Scenario (4.3.1)
- Connect the Content to another Area Using "Copy as Link" 4.3.2)

4.3.1 Connect the Content to a Rule Using a New Connection

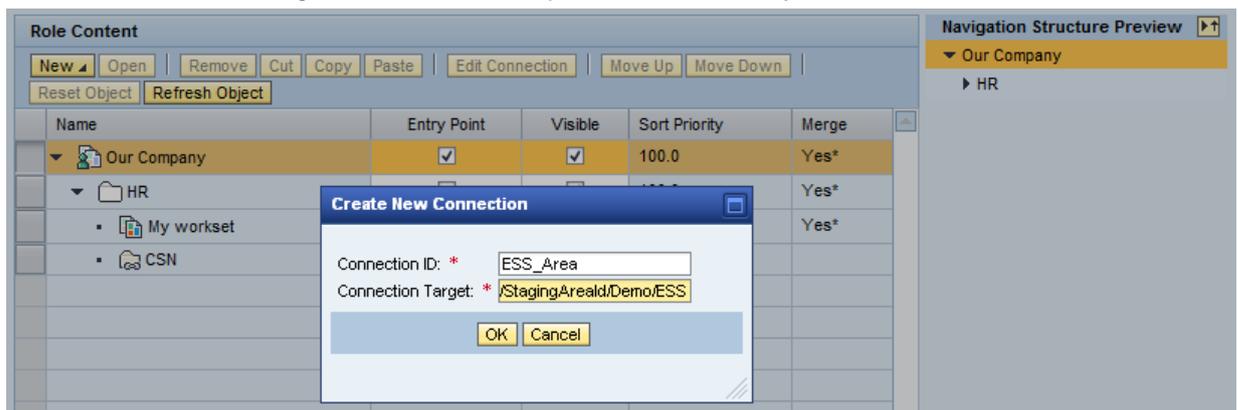
Author: send connection request caption

1. From the "Staging Area" tree, select the area that contains the sensitive content (in our example, the "Managers" area).
2. Click "Send connection request" or just copy the link and send it to your content administrator.



Administrator: connect the relevant role to the area

3. In the portal, navigate to Content Administration → Portal Content Management.
4. Form the *Portal Content* tree, open a role for editing.
5. Select the node to which you want to add the area.
6. Select *New* → *Connection*.
7. In the popup dialog box, enter the following information:
 - a. *Connection ID*: a unique name for the connection
 - b. *Connection Target*: the link to the requested area, sent by the author



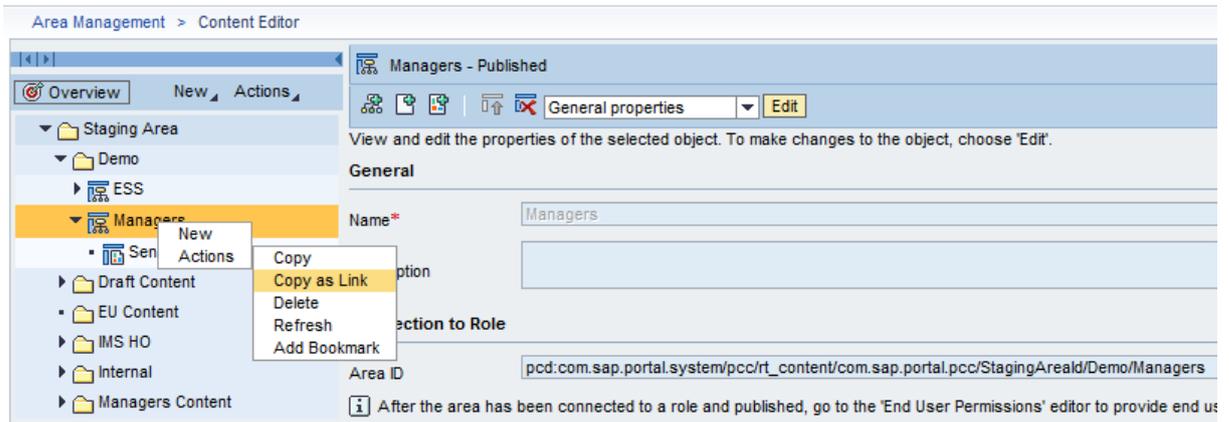
8. Click "OK" to activate the connection.

Result

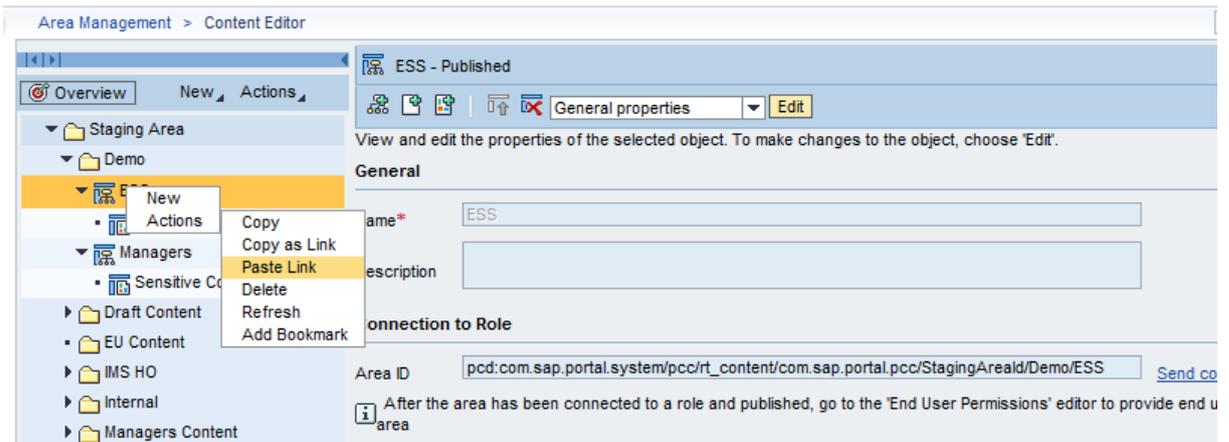
Although all users assigned to this role will be able to view all the role content, the "sensitive" content will be visible only to those users defined in [section 4.2](#).

4.3.2 Connect the Content to another Area Using “Copy as Link”

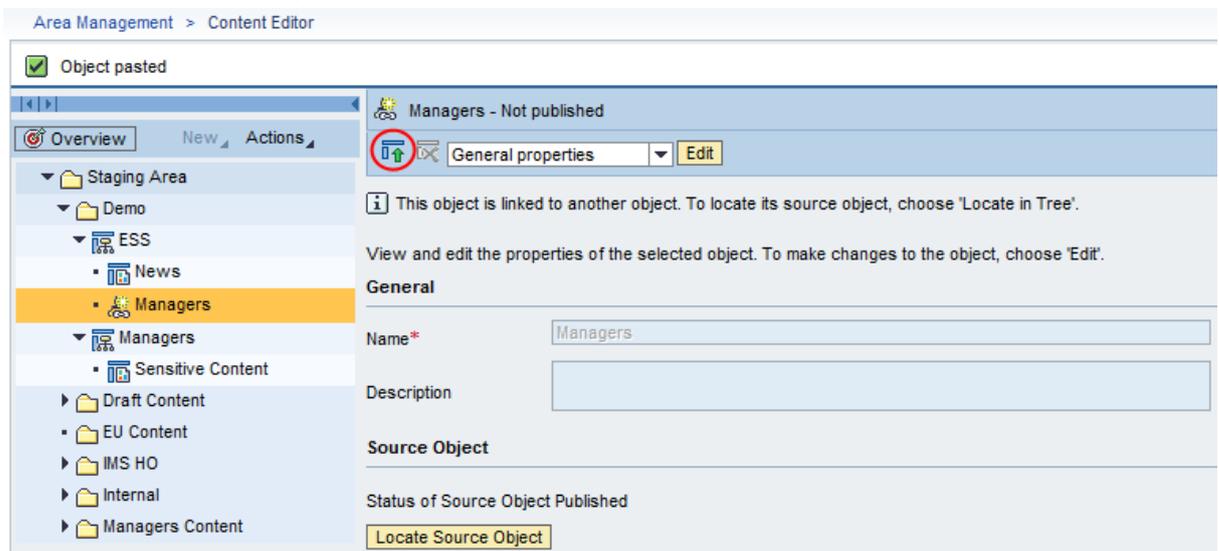
1. Select the sensitive content that you want to add to your area. You can either select the entire area (in our example, the "Managers" area) or you can select a specific page within the area.
2. Right click and choose Actions → *Copy as Link* from the context menu.



3. Select the area that the content should be linked to.
4. Right click and choose *Actions* → *Paste as Link* from the context menu.



5. Publish the shortcut object.

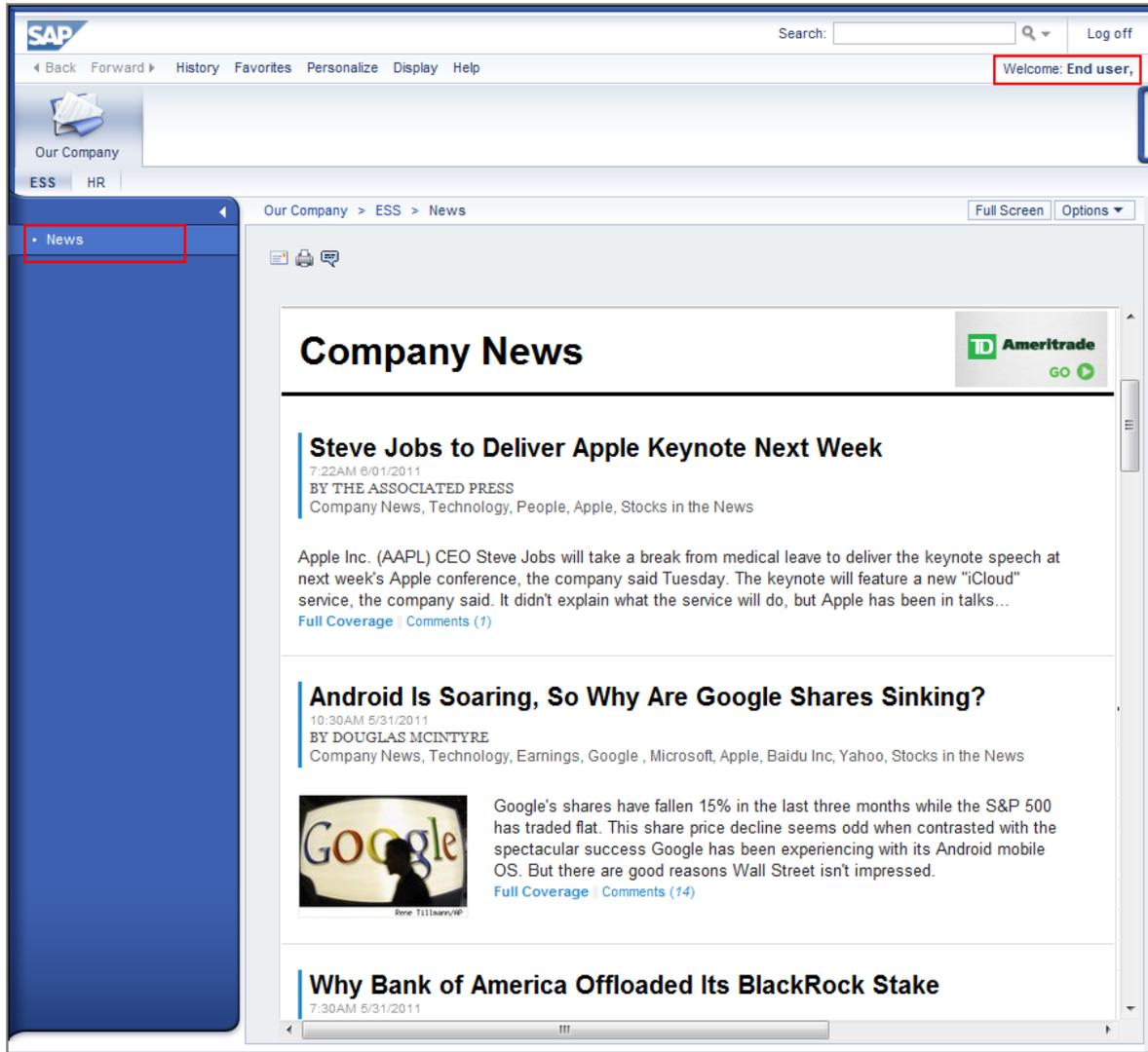


Result:

Although all users with access to the original area (assigned to the role and with end-user permissions) will be able to view the area content, the "sensitive" content added by a shortcut will be visible only to those users which defined in [section 4.2](#).

5. Result

End Users' View: Sensitive Content is Invisible



Managers' View: Sensitive Content is Visible

The screenshot shows the SAP Manager's View interface. At the top, there is a search bar and a 'Log off' button. Below the navigation bar, a 'Welcome: Manager,' message is displayed in a red-bordered box. The left sidebar contains a menu with 'Managers' expanded, and 'Sensitive Content' is highlighted in a red-bordered box. The main content area displays the title 'Planning of the Next Org Changes' with a red warning: 'Important! for all managers' and 'This is in progress - do not share it with any employee.' Below this is an organizational chart for the Department of Transportation.

Department of Transportation

```
graph TD
    Governor[Governor] --- RA[Railroad Authority]
    Governor --- RB[Railroad Board]
    Governor --- ST[Secretary of Transportation]
    Governor --- TC[Transportation Commission]
    Governor --- AC[Aeronautics Commission]
    ST --- Admin[Administration]
    ST --- Legal[Legal]
    Admin --- DFMD[Division of Finance & Management]
    Admin --- DPE[Division of Planning & Engineering]
    Admin --- DO[Division of Operations]
    DFMD --- DFMD_Admin[Administration]
    DFMD --- DFMD_FS[Financial Services]
    DFMD --- DFMD_LTP[Local Transportation Programs]
    DPE --- DPE_TIM[Transportation Inventory Management]
    DPE --- DPE_ROW[Right of Way]
    DPE --- DPE_MAS[Materials and Surfacing]
    DPE --- DPE_RD[Road Design]
    DO --- DO_OA[Operations Administration]
    DO --- DO_OS[Operations Support]
    DO --- DO_FRO[Four (4) Regional Offices]
    DO --- DO_IS[Internal Services]
```

www.sdn.sap.com/irj/sdn/howtoguides