

## HPI (High Performance Interface)

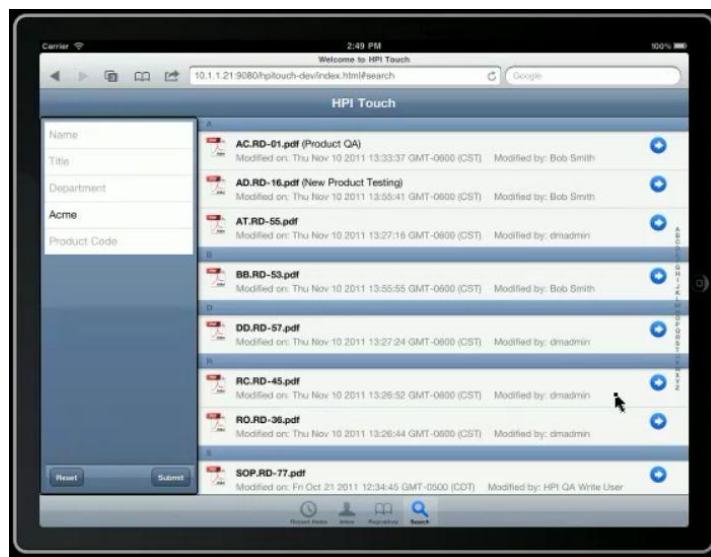
- Search Interface
- Alternative Document Management Interface

### Key Features of HPI (High Performance Interface)

- **New Mobile Interface** - HPI now has a mobile offering that allows users to search and view the same repositories from your browser with HPI on a tablet or phone.
- **Configurable User Interface** - HPI allows for configuration of views, documents, departments, groups and other common interface components. Coding and re-validation can be eliminated or significantly reduced when business process changes or a new department needs to come on board.
- **Minimize Upgrade Impact** – HPI's use of web services isolates the application from upgrade impacts thus reducing upgrade costs.
- **Increases User Productivity** – The stream-lined interface significantly reduces user training, user errors, and increases output capacity.
- **Dual-Documents/Subfolder Display** – Users can compare documents side-by-side without launching new windows.
- **Open Source Model** – if some unique business process requires customization outside of the configuration available, HPI is available as Open Source to allow clients to customize the code.

### New Mobile Interface

HPI mobile was developed as a browser based mobile application in HTML5 (a browser-based framework) rather than as a native application.



It is demoed in its website: <http://www.tsgrp.com/LearningZone/#>. This video only talk about document searching and content view.

More details in “[Documentum Mobile and Alfresco Mobile – HPI Offering –Feedback From Our Clients](#)”

## Configurable User Interface

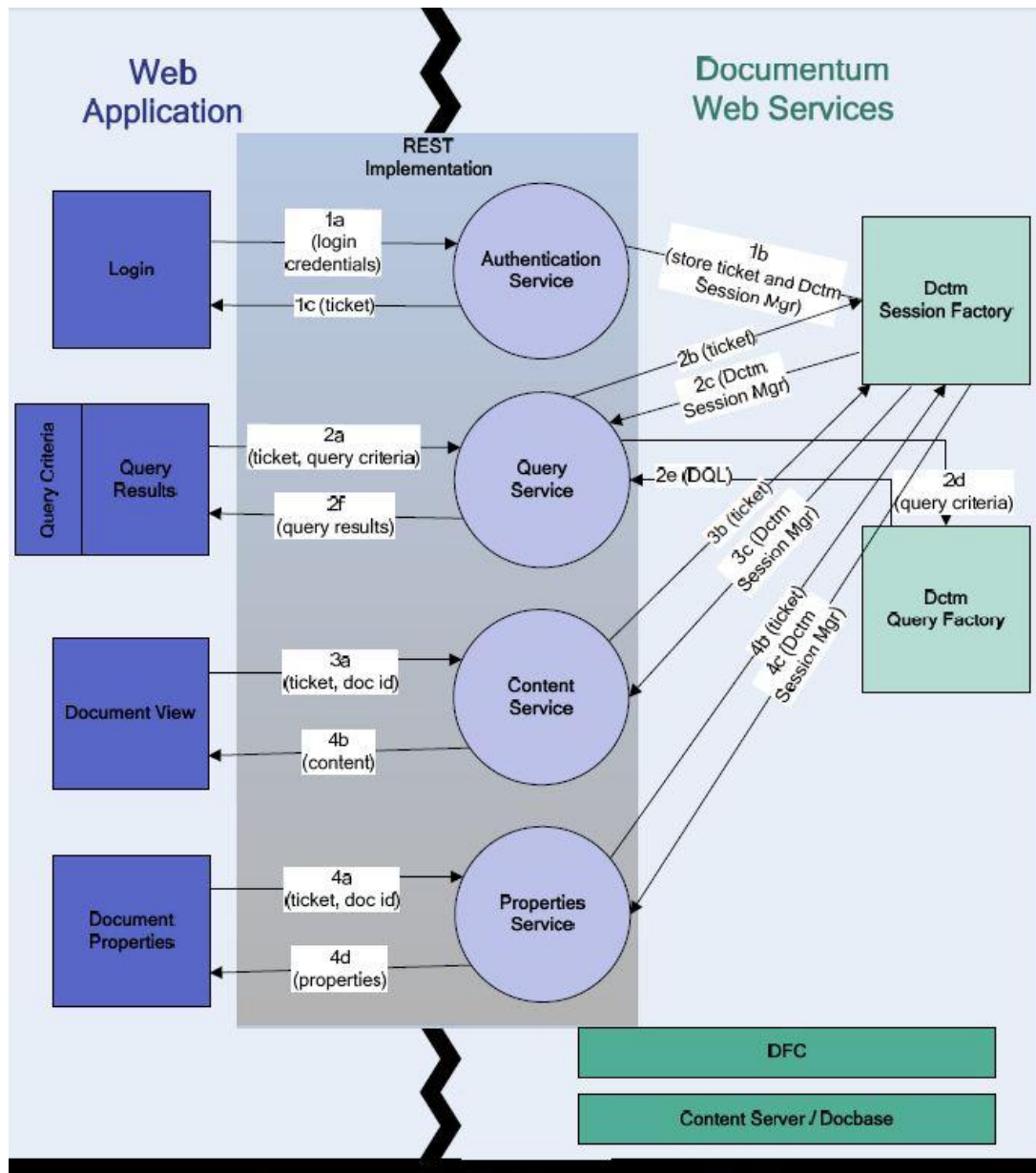
### Config-detail.xml

Header
Trac Attribute
Group Configuration
Relationships
Allowable Content Type Streaming
Global Types
Base Types
Trac Configuration
Security
Document Type
Document Attributes
Document Search Results
Document Query Criteria
Folder Type
Folder Attributes
Folder Search Results
Folder Query Criteria
Related Folder Query Criteria
▪ queryQualificationBean
▪ joinQualification
▪ queryQualificationSet
Document Actions
Folder Actions

More details in [HPI - Configuration Guide v1.1.5.pdf](#).

## Minimize Upgrade Impact

It uses **OpenContent** Web Services to communicate with a back-end content management system. This isolates the application from a specific version of content management software or database, allowing for painless upgrades.



Overview of TSG Web Services Architecture

OpenContent: Separating the Application from the Software.

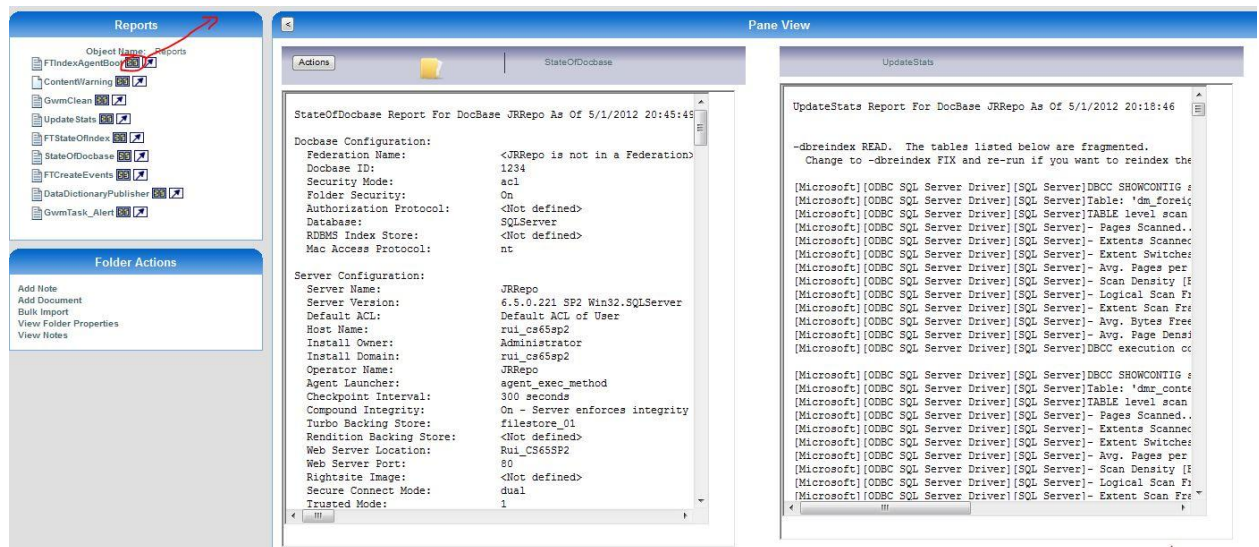
Authentication Service	Login
Query Service	Query/Search
Content Service	Show Document
Properties Service	Document properties(id, title, etc.)

## Increases User Productivity

The stream-lined interface significantly reduces user training, user errors, and increases output capacity.

## Dual-Document/Subfolder Display

You can click the “red circle” to display the document in the right.



Besides, when a document has different versions, you can view every version and can view the difference between the newest versions with special versions. (Version control)

## Open Source Model

Open Source to allow clients to customize the code. But I cannot get HPI code.

Now you can download the Active Wizard source code.

Active Wizard 4.0 is built on top of the Documentum platform. The documentation will step you through application deployment and usage. After the application is deployed, the Easy Install process will walk you through the rest of the installation.

Please fill out our [public license agreement](#). You can e-mail or fax the agreement back to us and we will send you the Active Wizard source code.

Download High Performance Interface (HPI):

- [Install Video](#)
  - View the Easy to Install Video for Core HPI and Webtop connectors
- [HPI Documentation](#)
  - Download HPI Documentation
- Core HPI - 1.4
  - [Download Core HPI](#)
- HPI Indexer - 1.4
  - [Download HPI Indexer](#)
- OpenContent for Documentum - Compatible with HPI 1.4
  - [Download Required OpenContent version](#)
- HPI Search for Alfresco - 1.4
  - [Download the HPI 1.4 for Alfresco](#)
- OpenContent for Alfresco - Compatible with HPI 1.4
  - [Download Required OpenContent version](#)

## Other features

Version Check out/Check in --This is one of the document actions.

The screenshot shows a window titled "DataDictionaryPublisher Report For DocBase JRRepo As Of 05/07/2012 04:41:16". The window has a "Pane View" header and a "DataDictionaryPublis..." tab. The main content area displays the following text:

```
#####
##
##          dm_DataDictionaryPublisher
##          -----
##
## The dm_DataDictionaryPublisher publishes all Data Di
## information.
## The dm_DataDictionaryPublisher publishes informatio
## types and attributes in each of the dd_locales speci
## dm_docbase_config object for the docbase.
##
##      Start Time: 05-08-2012 04:41:16
##
#####

DataDictionaryPublisher utility syntax: apply,c,NULL,RE
Executing DataDictionaryPublisher...
The DataDictionaryPublisher job was successful.

Publish Job Statistics:
```

On the right side of the window, there is a list of job statistics:

1.380	05/07/2012
1.381	05/07/2012
1.382	05/07/2012
1.383	05/07/2012
1.384	05/07/2012
1.385	05/07/2012
1.386	05/07/2012
1.387	05/07/2012
1.388	05/07/2012
1.389	05/07/2012
1.390	05/07/2012
1.391	05/07/2012
1.392	05/07/2012
1.393	05/07/2012
1.394	05/08/2012
1.395	05/08/2012
1.396	05/08/2012
1.397	05/08/2012
1.398	05/08/2012
1.399	05/08/2012
1.400	05/08/2012
1.401	05/08/2012
1.402	05/08/2012
CURRENT,1.403	05/08/2012

A "Close" button is located at the bottom right of the window.

The image shows two side-by-side screenshots of the DataDictionaryPublisher utility report window. Both windows have a "Pane View" header and a "DataDictionaryPublis..." tab.

The left window displays the following text:

```
#####
##
##          yPublisher
##          -----
##
## lishes all Data Dictionary
##
## lishes information for all
## e dd_locales specified in the
## docbase.
##
## 7
##
#####

x: apply,c,NULL,RESYNC_DATA_DICTIONARY,RETRY_COUNT,1,10
successful.
```

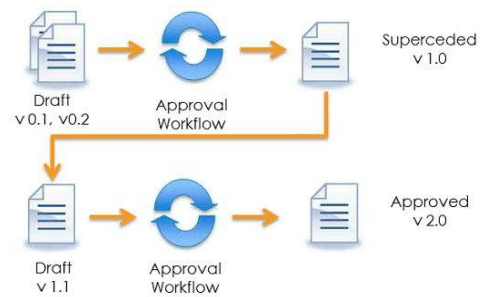
The right window displays the following text:

```
#####
##
##          yPublisher
##          -----
##
## lishes all Data Dictionary
##
## lishes information for all
## e dd_locales specified in the
## docbase.
##
## 6
##
#####

x: apply,c,NULL,RESYNC_DATA_DICTIONARY,RETRY_COUNT,1,10
successful.
```

## Versioning Rules

Ability to Denote Document State / Status



## Bulk Import

The 'Bulk Import' window has a title bar and a 'Select Files' button. Below is a table with two columns: 'File Name' and 'Upload progress'. The table lists several files, including '133530163718645.gif', 'asa.JPG', '12345.JPG', '222.JPG', '12312.JPG', '123.JPG', '3333.JPG', '333.JPG', 'Acknowledgement-Form.pdf', '88.JPG', '12.JPG', '44.JPG', '111.JPG', '12.JPG', '1.JPG', and '134.JPG'. Each file has a corresponding red progress bar. An 'Uploading Documents, please wait...' dialog box with a loading spinner is overlaid on the table. At the bottom are 'Upload Files' and 'Cancel' buttons.

## Add document & Add Rendition for a document

The 'Add Document' form has a title bar and four input fields: 'Object Name', 'Title', 'File Upload', and 'Add Rendition'. Each field has a 'Browse...' button next to it. At the bottom are 'Add' and 'Cancel' buttons.

## Full text indexer

The user can reassign the workflow item to any trac for which the user is a member, or the user can re-file the workflow item to another trac or user with Write privileges in the current system.

## Appendix --Main Functions

You can try these functions below in 10.37.10.204. User name/ Password is Administrator/Pass123 or xup /Pass123. <http://10.37.10.204:8080/hpi>

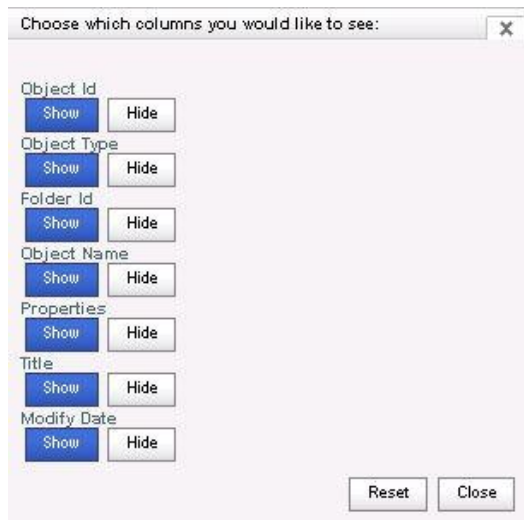
### Folder Search Criteria

Object Id, Folder Id, Object Type, Object Name, Creation Date: (Before\On\After\Between), Modify Date, Title.

### Document Search Criteria

Object Id, Object Type, Object Name, Folder Id, Version Label, Modify Date(Before\On\After\Between), Lock Owner, Chronicle Id, Content Type, Title, Creation Date.

Besides, you can Export Search Results as SearchResults.xls and you can set attributes to show or hide in the result table.



### Folder Actions

Add Note; Add Document; Bulk Import; View Folder Properties; View Notes.

### New Folder

### Dashboard

My Inbox Items, Recent Folders, Group Items.











Workflow tasks which mean workflow template running activity instances are created by Process Builder. Then we can see items in Inbox of DA, but we still get no items without job failure in Dashboard of HPI.

### Full text indexer

3 steps: Confirm trac, Folder search, Apply Content.



# HPI Around

	<p><b>High Performance Interface</b></p> <p>Provides a streamlined, configurable web interface that simplifies the user experience with your ECM solution</p>		<p><b>Active Wizard</b></p> <p>Provides intelligent form and dynamic workflow extensions for your ECM system or as a standalone form tool</p>
	<p><b>OpenMigrate</b></p> <p>Provides a high-performance and configurable migration utility. Supports Alfresco, SharePoint, Documentum &amp; many more</p>		<p><b>OpenCapture</b></p> <p>Provides a configurable web-based solution to scan paper documents into an ECM repository</p>
	<p><b>OpenOverlay</b></p> <p>Provides an Open Source alternative for managing PDF files including Watermarks, Electronic Signatures, Controlled Print, PDF Manipulation</p>		<p><b>OpenAnnotate</b></p> <p>Provides an Open Source alternative for annotating content stored in Documentum Webtop using a 100% thin annotation tool</p>
	<p><b>OpenContent</b></p> <p>Provides high performance Web Services for Documentum, Alfresco and SharePoint. Built on both Java and .NET platforms with support for REST and SOAP Web Services.</p>		<p><b>OpenContentURL</b></p> <p>Generates and resolves dynamic yet permanent URL links to documents from and to any content management system.</p>
	<p><b>OpenDashboard</b></p> <p>Assists in proactive monitoring of your Documentum repositories and environments.</p>		<p><b>OpenInterchange</b></p> <p>Highly configurable lightweight solution to import documents into Documentum or Alfresco through any e-mail inbox.</p>



	Webtop, xCP	D2	HPI
	UCF	ActiveX	Adobe Flash Player
Java(JRE)	supported versions		
Browser	IE, Firefox, Chrome, Safari	IE	IE, Firefox, Chrome, Safari
	Most users have grown accustomed to working with web based applications. Some of the desktop-like functionality provided by UCF may go unused (drag and drop) or even confuse users (“I just checked out a document, but where did it go on my hard drive?”)	Same as left	

**High Performance Interface (HPI)** is built almost entirely using web technologies (HTML, JavaScript, and CSS). HPI uses a Flash plugin for multi-file upload only.

### The Good

- With exception of using Adobe Flash Player for multi-file upload, HPI does not require any software or plugin installation
- Adobe Flash Player is supported by most modern browsers (Internet Explorer, Firefox, Chrome, Safari)
- HPI provides a user experience that is aligned with most other web applications
- Multiple files can be imported in a single operation

### The Bad

- Users see an “Open/Save” dialog when checking out content, requiring them to specify a location to save the content to while editing
- Users must browse for a file on their PC when checking in content
- With exception of PDF content that launches in Adobe Reader, users have to go through an “Open/Save” dialog when viewing content
- Drag and drop features are not supported for import

## TSGRP also provide a video named “Documentum Contributor Interface Comparison”

<http://www.tsgroup.com/LearningZone/?video=d3ae21ba-0f19-48ab-9419-25b1757dcd83>

Create new document from a template

Import single/multiple documents

Checkout/Checkin

Viewing Versions

