

Connected Systems

Secure Fields Feature for SharePoint 2010 (Foundation and Server)

User Guide

Version number:	1.0
Release date:	Thursday, 10 March 2011
Pages	6

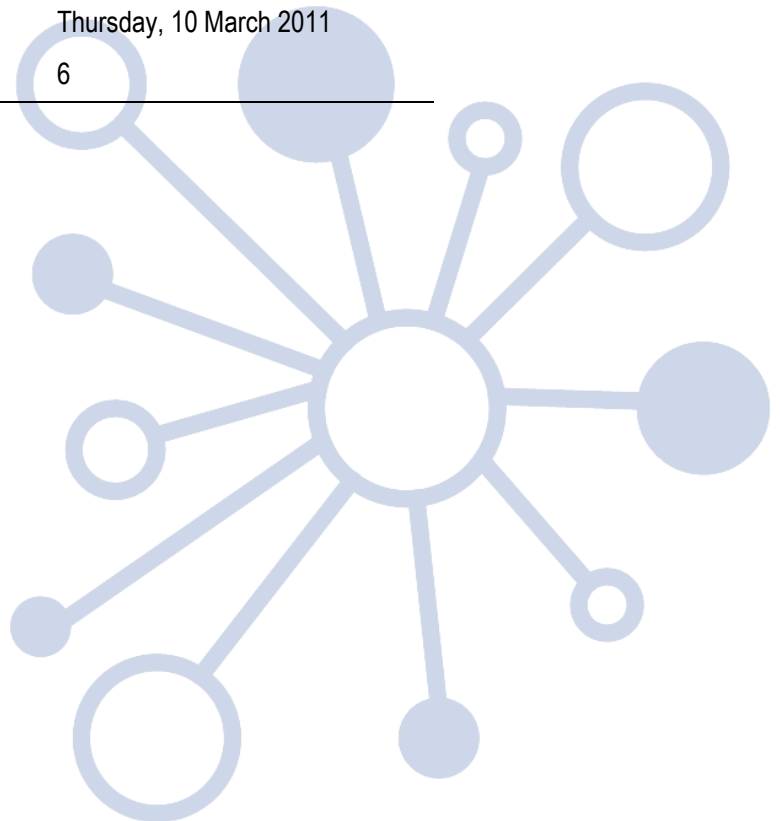


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1 Introduction

The Connected Systems Secure Fields feature for Microsoft SharePoint 2010 gives you the ability to secure the displaying and editing of specific fields within a list or document library. Our easy to use Secure Fields list configurator allows easy access to locking fields. You simply specifying which fields in the list to display and make available for editing and assign granularity security by adding specific user or groups to each field's access privileges.

Field security is the missing piece in SharePoint 2010. SharePoint customers now have the opportunity to have granular field-level security. The Connected Systems Secure Field feature gives you the flexibility of locking down specific fields with Read and Edit privileges.

The aims of the Connected Systems Secure Fields Feature for SharePoint 2010 are to improve on the SharePoint platform by:

- ❖ Field level access control
 - Support for Read and Edit privileges
 - Easy to use dropdown of available fields to choose from.
 - Check box "All" to simplify access for all users
 - User and Group access per privilege
 - People picker support for ease of use.
 - Unlimited number of fields supported.
- ❖ List of library field support
 - Supports List fields
 - Supports Document Library fields
- ❖ Easy configuration and management
 - Easy "enable" feature on list/library to turn access on/off quickly.
 - Easy remove button to remove field configuration
 - Settings stored on the list/library through custom SecurityFilterField column – locked down XML.
 - Fully integrated with the list/library administration
 - Site scoped feature means it can be enabled and disable for specific sites.

The Connected Systems Secure Fields feature for SharePoint 2010 adds significant value to Microsoft SharePoint 2010 by allowing customer to secure individual fields from being viewed and edited in the display and edit forms.

2 How to use the Hierarchy Lookup Field Feature?

2.1 What does it install?

The People Finder feature installs the following components:

- ❖ Core
 - Security Fields feature (Globally or to a specific site)
 - List/Library Configuration page

2.2 List/Library configuration

This step is the configuration of the field(s) on the List/Library. Enter the List/Library settings, you will be presented with the following screen. Under General Settings, the Security Filter configuration option is now available for this List or Library. Select Security Filter.

Document Workspace > Document1 > Document Library Settings

Home ▾

Libraries
Lists
Discussions

Recycle Bin
All Site Content

List Information

Name: Document1
Web Address: http:// /Document1/Forms/AllItems.aspx
Description:

General Settings Permissions and Management Communications

[Title, description and navigation](#) [Delete this document library](#) [RSS settings](#)
[Versioning settings](#) [Save document library as template](#)
[Advanced settings](#) [Permissions for this document library](#)
[Validation settings](#) [Manage files which have no checked in version](#)
[Security Filter](#) [Workflow Settings](#)

Columns

A column stores information about each document in the document library. The following columns are currently avail library:

Column (click to edit)	Type	Required
Title	Single line of text	
Created By	Person or Group	
Modified By	Person or Group	
Checked Out To	Person or Group	

[Create column](#)
[Add from existing site columns](#)
[Column ordering](#)
[Indexed columns](#)

The following screen will appear. Under General Configuration, you have the availability to toggle the Security Filter.

Document Workspace > Document1 > List Settings > Security Filter

Home ▾ People ▾

Libraries
Lists
Discussions

Recycle Bin
All Site Content

General Configuration
List level configuration options.

Secure Fields
Set permissions on individual fields.

Enable Security Filter for this list:
 Enabled

Add Secure Field

General Configuration

Field Configuration

Secure Field: **--- Select ---**

Read All:

Edit All:

Remove

Save Cancel

Select from the Secure Field dropdown box, the field you would like to secure. This dropdown will list all available fields from the List/Library that can be secured.

In the screen below, we've added the Title field as a Secured Field.

Document Workspace > Document1 > List Settings > Security Filter

Home ▾ People ▾

Libraries
Lists
Discussions

Recycle Bin
All Site Content

General Configuration
List level configuration options.

Secure Fields
Set permissions on individual fields.

Enable Security Filter for this list:
 Enabled

Add Secure Field

General Configuration

Field Configuration

Secure Field: **Title**

Read All: **2222 Visitors ; 2222 Owners ;**

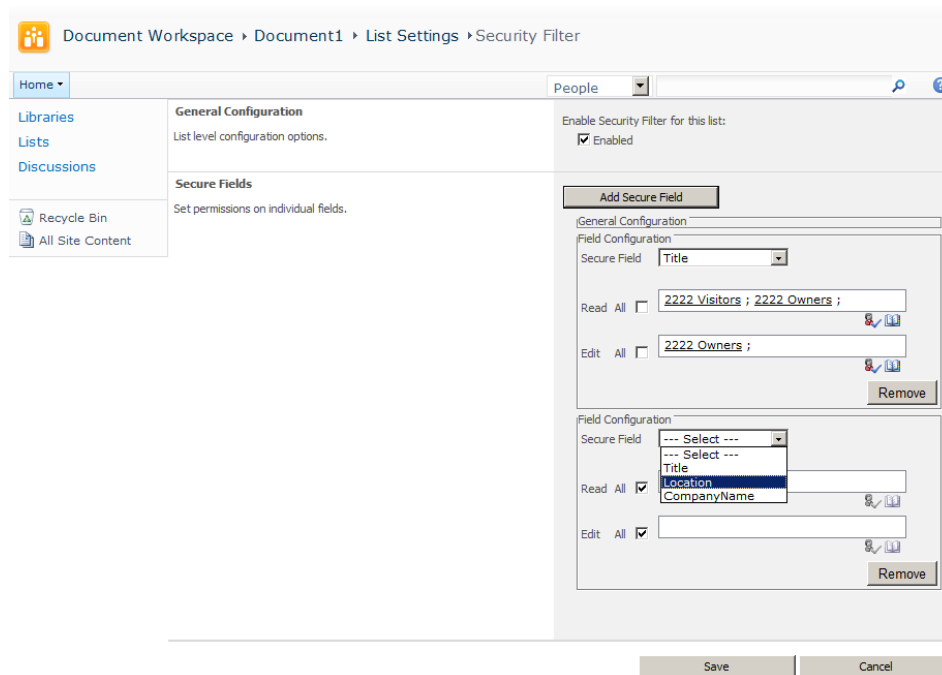
Edit All: **2222 Owners ;**

Remove

Save Cancel

The Visitor's group and Owners group have been given Read access to the field. When the user views or edits the properties of the List/Library item, unless they are a member of these groups, they will not be able to view the Title field.

The screen below shows a second field being added as a Secured Field. This demonstrates that the Secure Field feature supports many fields in a List/Library.



Please note: When the “Read All” or “Edit All” check boxes are ticked, the People Picker control is disabled as all users retain these privileges.

2.3 How List/Library Security affects the Secure Fields?

Essentially, the Secure Fields adds another level of granularity to the List/Library security model.

Any potential users or groups must be set to the minimum level of access on the List/Library for the Secure field to be effective. Without the minimum access, the users/groups assigned Read or Edit access will not be able to display or edit any of the List/Library data.

The Secure Field does not elevate privileges if the user does not have fundamental access to the List/Library content. For example, in the screen above, the Visitor and Owner group must have at least Read access to the Library for the Read access to work on the Title field. If Visitors had Contribute rights (which include the ability to Edit) the Secure Field would prohibit the editing of the Title field for users in the Visitors group.