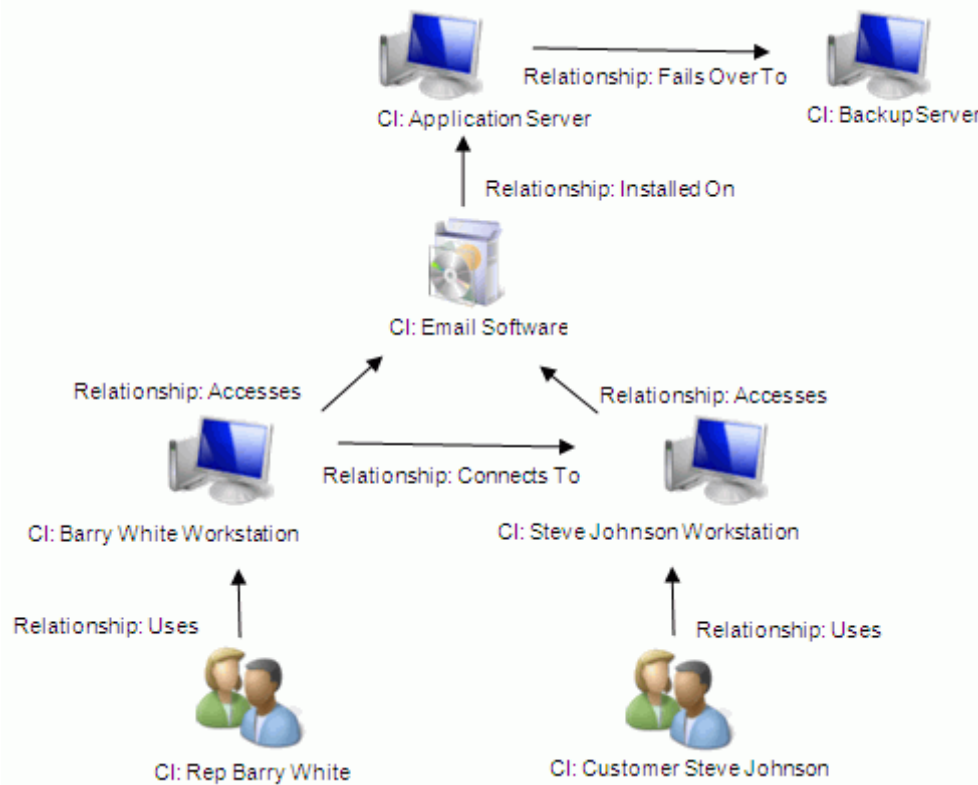




Configuring iSupport CMDB Functionality

Configuration Management functionality is included if you have the Service Desk edition. iSupport's Configuration Management Database (CMDB) functionality tracks the assets, services, and other resources that are crucial to your organization's operation and the relationships between these components. To create your CMDB, you'll create configuration items (CIs) for the resources you want to track and define the relationships between CIs. Because CMDB functionality is highly configurable, it is useful to chart the resources you wish to track, the relationships between them, and the status labels that could apply. See ["CMDB Hierarchy Example" on page 3](#) for step-by-step instructions on creating an example hierarchy of configuration items.



Configuration Overview

Basic Configuration

- Use the **Enable Features tab** in Feature Basics to enable Configuration Management functionality.
- Use the Configuration Management tab in Core Settings | Feature Basics to create:
 - **Configuration item types** for classifying CIs and defining the custom status labels, optional/custom fields, notifications, relationships available, and maintenance/warranty information for those types. See ["Configuring CMDB Types" on page 7](#) for more information.

You can associate existing assets, companies, customers, support representative profiles, customer groups, and support representative groups for views, reports, and correspondence. Enable associated items via the CMDB Type screen if you wish to:

- Automatically create configuration items for existing asset, company, customer, support representative profile, or members of a customer group or support representative group.

- Synchronize customer and support representative group relationships.
- Utilize the data on an asset, company, customer, support representative profile, customer group, or support representative group for views, reports, and correspondence. For example, if a group is included on an associated asset record, you can send a correspondence to that group from the Configuration Item screen.
- View and open related asset records and perform asset scans on non-Windows SNMP-enabled devices in your network, computers with Windows 98 and above, or any other WMI-compliant machine (WMI must be installed and active).
- **Configuration item relationships** between CIs. See [“Configuring CMDB Relationships” on page 14](#) for more information.
- Go to Core Settings | **Groups** to define and associate a collection of CIs for access, views, and reports. You can utilize iSupport's Group Access functionality to restrict access and display of a configuration item to members of a support representative group. See [“Creating CMDB Groups” on page 15](#) for more information.

Creating Configuration Items

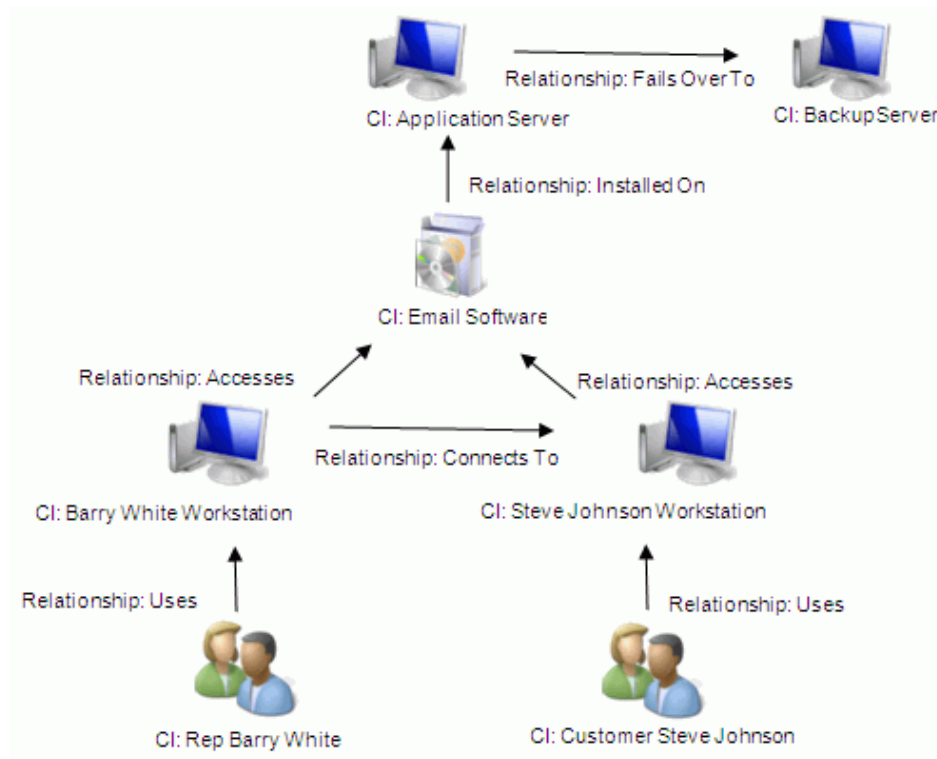
- If your configuration items are in one or more Microsoft SQL Server source databases, go to Options and Tools | Integrate | Data Source Integration to **import** CI data from one or more Microsoft SQL Server source databases into iSupport, and **synchronize** with those source databases on an interval basis. See [“Using the Data Source Integration Feature” on page 16](#) for more information.
- Use the Configuration Item screen (accessed via the Desktop menu) to create individual configuration items. See [“Using the Configuration Item Screen” on page 44](#) for more information.
- Use the Configuration Item Auto Create agent in Feature Basics | Configuration Management to **automatically create** a CI record for each Asset, Customer, Company, and or Support Representative Profile record that is not already associated with a CI. See [“Creating Configuration Items Automatically” on page 27](#) for more information.

Optional Customization

- Go to the Options and Tools | Customize | Custom Fields screen to set up global **custom fields** for configuration items. See [“Configuring Custom Fields” on page 21](#).
- Go to the Options and Tools | Customize | Custom Status Labels screen to define labels for **status levels** that can be assigned to configuration items. The associated labels will appear for selection when a type is selected in the Configuration Item entry screen. See [“Configuring Custom Status Labels for Configuration Items” on page 26](#).
- Enable and customize **notifications** for CI-related events such as record saves, work history updates, status changes, and maintenance, warranty, and lease **expiration**. You can use or modify iSupport's default notifications or create new notifications. Use an **Others to Notify** list in correspondence and notifications to keep those not directly involved in the process in the loop. See the online help for configuration information.

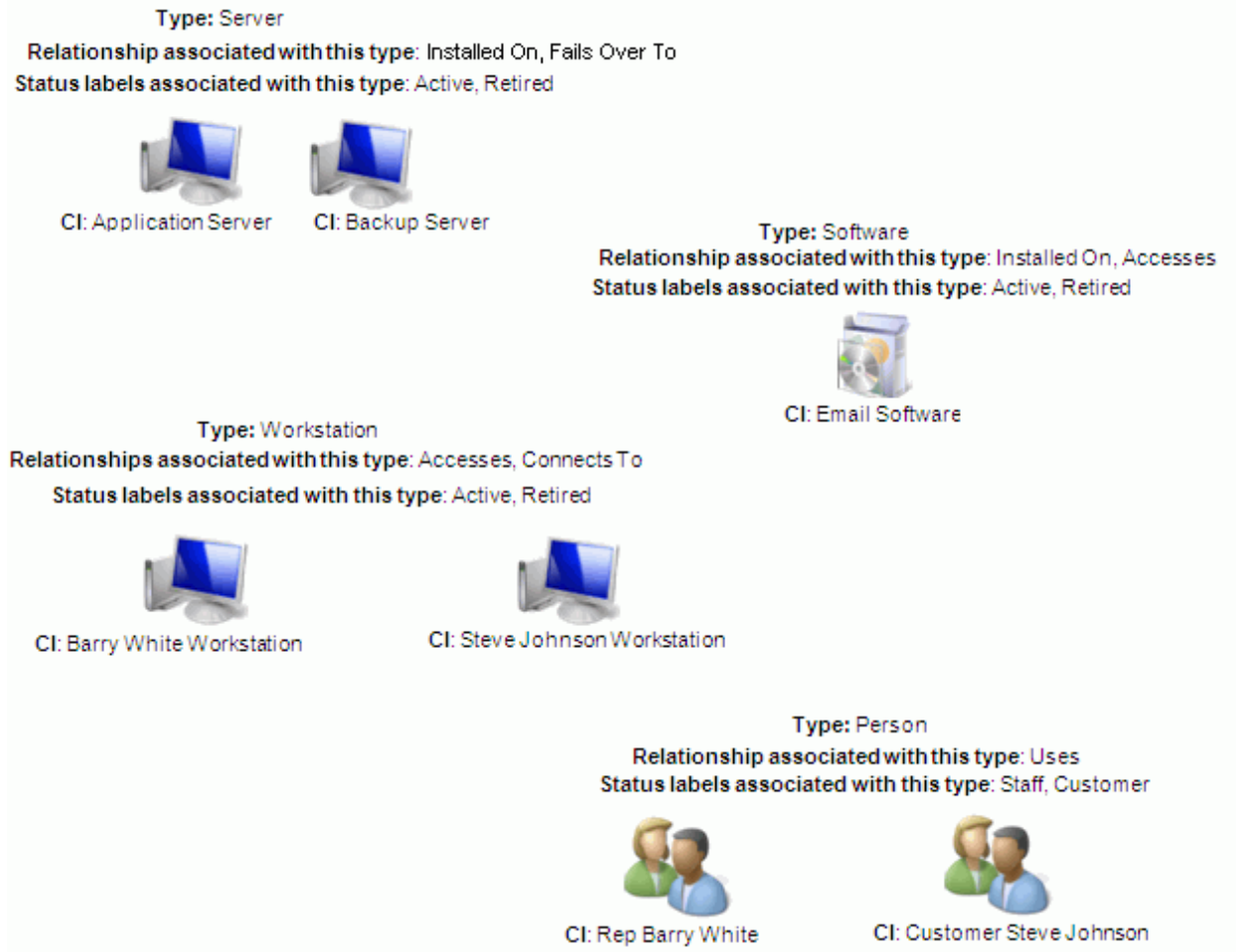
CMDB Hierarchy Example

The steps below contain information on creating the simple CMDB hierarchy shown below.



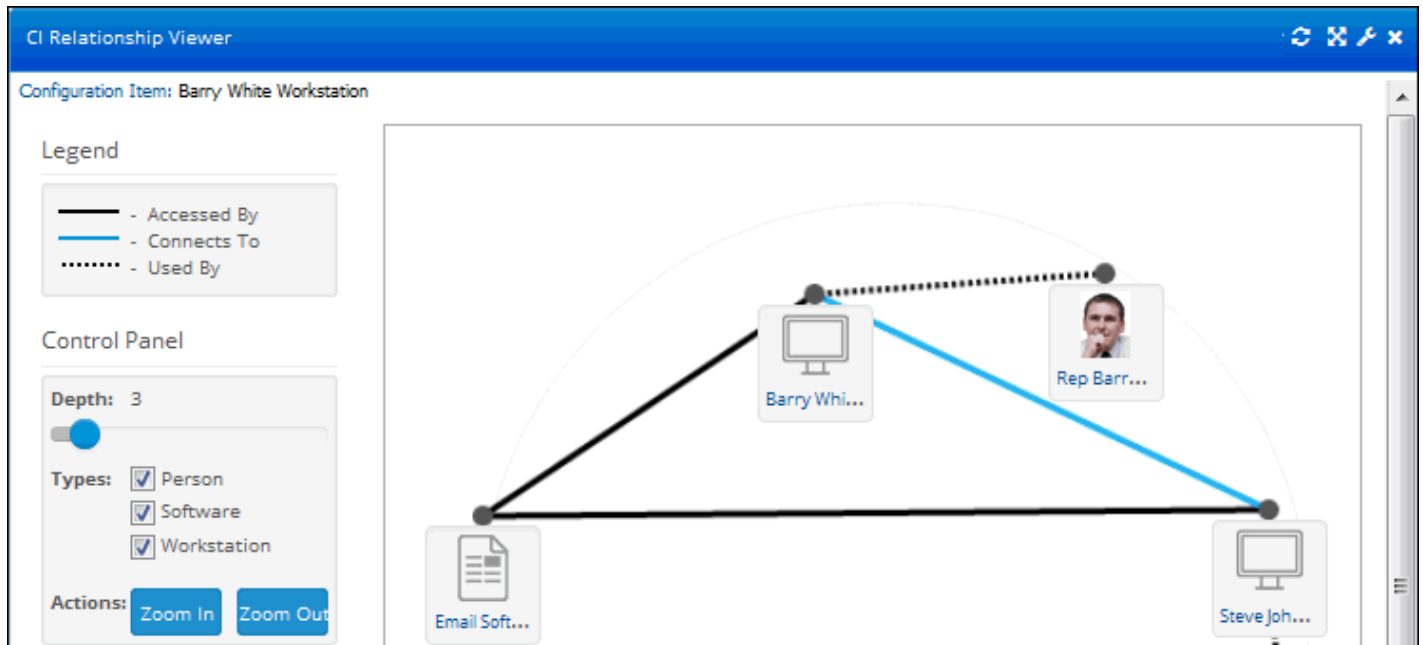
The CMDB types, relationships, and status labels you'll create are shown below. Use CMDB types to classify similar configuration items. You'll specify the optional and custom fields to display when the type is selected in the Configuration Item entry screen as well as the notifications, relationships available, and maintenance/warranty

information. You'll also create and assign custom status labels such as Active and Retired to designate the status of a configuration item.



- 1 Use the Options and Tools | Customize | **Custom Status Labels** screen to define labels for status levels that can be assigned to configuration items. Labels in this example: Active, Retired, Staff, Customer.
- 2 Use the Configuration Management | Relationship tab in Core Settings | Feature Basics to define **relationships** between CIs. Relationships in this example: Fails Over To/Supports Fail Over, Installed On/Contains, Accesses/Accessed By, Connects To/Connected To, Uses/Used By.
- 3 Use the Configuration Management | Relationship tab in Core Settings | Feature Basics to define **configuration item types** for classifying CIs and defining the optional/custom fields and relationships available. Types in this example: Server, Software, Workstation, Person. For each type, select the Status checkbox in the Optional Fields section to display the Statuses tab and add the labels listed in the diagram above, and then select the Relationships tab and add relationships listed above.
- 4 Create the following configuration items via the **Configuration Item screen (accessed via the Desktop Create menu)**: Application Server, Backup Server, Email Software, Rep Barry White, Customer Steve Johnson, Barry White Workstation, and Steve Johnson Workstation configuration items. Be sure to select the applicable type as shown in the diagram above. Don't complete the Relationships tab; you'll add the relationships in step 5.
- 5 Add a Configuration Item view to a dashboard on the Desktop. Following the steps below, use the Configuration Item screen to add relationships between configuration items as shown in the diagram at the beginning of this section. Start at the bottom of the diagram and work your way up.
 - a Open the Rep Barry White CI record; on the Relationships tab, click Add, select Uses, and then select the Barry White Workstation CI. Save and close the window.
 - b Open the Customer Steve Johnson CI record; on the Relationships tab, click Add, select Uses, and then select the Steve Johnson Workstation CI. Save and close the window.

- c Open the Barry White Workstation CI; on the Relationships tab, click Add, select Connects To, and then select the Steve Johnson Workstation CI. Click Add, select Accessed By-Accesses, and then select the Email Software CI. Save and close the window.
 - d Open the Steve Johnson Workstation CI; on the Relationships tab, click Add, select Accessed By-Accesses, and then select the Email Software CI. Save and close the window.
 - e Open the Email Software CI; on the Relationships tab, click Add, select Installed On, and then select the Application Server CI. Save and close the window.
 - f Open the Application Server CI; on the Relationships tab, click Add, select Fails Over To, and then select the Backup Server CI. Save and close the window.
- 6 To view the relationships, add the **CMDB Relationship Viewer** to a Desktop dashboard as shown below. Click on an item to display related items below it.





- 7 Associate a configuration item with an incident. In the example below, customer Steve Johnson cannot access email; an incident is created with that customer and the Email Software configuration item is added to the Configuration Items tab.


Configuration Items		
Add Remove		
<input type="checkbox"/> Name ▲	Type	Open Work Items
<input type="checkbox"/> Email Software	Software	No


You can associate a configuration item with an incident, problem, or change, and then click on the link to display the Configuration Item screen for viewing details and relationships with other items.


Configuration Item


 Save


 Save and Close


 Delete


 Print


 Counters

 Work History

 Correspondence

 Meeting

 Previous

 Next

File

Display

Actions

Navigation

Name: Steve Johnson Workstati

Type: Workstation

Source: Direct Entry

Details

History

Custom Fields

Others To Notify

Groups

Relationships

Attachments

Owner: Unassigned

Vendor: Unassigned

Associated Item: PC 14

Location: Computer

Status: Active

Maintenance: 4/30/2015

Lease: 4/30/2015

Warranty: 4/30/2015

Hours of Operation:

☒ 24/7

Comments:

Basic configuration installed.

Description:

Workstation used by Steve Johnson when in the office.

iSupport Software
Page 6

Configuring CMDB Types

Use the Configuration Management | Configuration Types tab in Core Settings | Feature Basics to configure types for classifying configuration items. Several predefined types are included in iSupport, but you can rename or create any type applicable to your environment such as Device, Data Store, People, Service, Documents, Software, or Locations. Use the Basics tab in the Type screen to specify the optional and custom fields to display when the configuration type is selected in the Configuration Item entry screen, the image to appear when CIs of this type appear in the Relationship Viewer, and associated item settings.

The screenshot shows the configuration interface for a CMDB type named 'Workstation'. The interface is divided into several sections:

- Name:** A text field containing 'Workstation'.
- Require Work History on Save:** A toggle switch currently set to 'Off'.
- Default Image for Relationship Viewer:** A placeholder image of a computer monitor with a 'Choose' button next to it.
- Optional Fields:** A grid of checkboxes for various fields: Hours of Operation, Location, Warranty, Owner, Status, Lease, Vendor, Maintenance, and Comments. All are checked.
- Default Status:** A dropdown menu set to 'Active', with '+' and '-' icons to its right.
- Associated Item Settings:**
 - Use Associated Items:** A toggle switch currently set to 'On'.
 - Require Associated Item on Save:** A toggle switch currently set to 'Off'.
 - Documents to use as Associated Items:** A grid of checkboxes for 'Asset', 'Company', 'Customer', 'Support Representative', 'Customer Group', and 'Support Representative Group'. 'Asset' is checked.

Name - Enter a name for the CMDB type.

Require Work History on Save - Select Yes to require an entry in the Work History field before records of this type can be saved.

Default Image for Relationship Viewer - Select an image to designate records of this type in the Relationship Viewer. You can select an image included by default in iSupport or click the Add New Image link to select your own image. The image will appear as an 80x80 pixel thumbnail.

Use Associated Items - Enable associated items if you wish to:

- Automatically create configuration items for existing asset, company, customer, support representative profile, or members of a customer group or support representative group.
- Synchronize customer and support representative group relationships.
- Utilize the data on an asset, company, customer, support representative profile, customer group, or support representative group for views, reports, and correspondence. For example, if a group is included on an associated asset record, you can send a correspondence to that group from the Configuration Item screen.

If associated items are enabled for a CMDB type (via the CMDB Types screen), the Associated Item link appears when the type is selected in the Configuration Item screen for associating an asset, company, customer, support representative profile, customer group, or support representative group.

Require Associated Item on Save - If associated items are enabled, select Yes to require a selection in the Associated Item field in the Configuration Item screen before a record of this type can be saved.

Documents to Use as Associated Items Asset/Company/Customer/Support Representative/Customer Group/Support Representative Group - If associated items are enabled, select the type of record or group to appear for selection in the Configuration Item screen when the Associated Item link is clicked.

If you will be automatically creating, importing, or synchronizing configuration items for asset, company, customer, support representative profile records or members of a customer group or support representative group, select the type of record to create/synchronize.

Entering Optional and Custom Fields

You can set up custom fields and optional fields such as Owner and Location to display when this type is selected in the Configuration Item screen. These fields can be used with view, report, and correspondence functionality.

Details Tab in the Configuration Item Screen

The screenshot shows the 'Configuration Item' screen with the 'Details' tab selected. The top navigation bar includes 'Save', 'Save and Close', 'Delete', 'Print', 'Counters', 'Work History', and 'Correspondence'. Below this, the 'File' section contains 'Save', 'Save and Close', 'Delete', and 'Print'. The 'Display' section contains 'Counters'. The 'Actions' section contains 'Work History' and 'Correspondence'. The main form area includes fields for 'Name' (Laptop - Windows), 'Type' (Workstation), and 'Source' (Direct Entry). Below these are tabs for 'Details', 'History', 'Custom Fields', 'Others To Notify', 'Groups', 'Relationships', and 'Attachments'. The 'Details' tab is active, showing fields for 'Owner' (Steve Johnson), 'Vendor' (Office Supply Depot), 'Associated Item' (Laptop 1), 'Location' (Building A), 'Status' (Active), 'Maintenance' (7/28/2015), 'Warranty' (7/28/2015), 'Lease' (7/28/2015), 'Hours of Operation' (24/7), and 'Comments'.

Set up in the Optional Fields section in the CMDDB Type screen

Hours of Operation - Enables selection of either 24/7 or one or more designated days/times. Note that this is not related to the Hours of Operation definitions configured via the Global Settings menu.

Owner - Enables selection of a customer or support representative.

Maintenance - Enables display of the Maintenance/Warranty/Lease tab and configuration of expiration notifications.



Warranty - Enables display of the Maintenance/Warranty/Lease tab and configuration of expiration notifications.

Lease - Enables display of the Maintenance/Warranty/Lease tab and configuration of expiration notifications.

Vendor - Enables selection from a list of customers, support representatives, or companies that have been designated as vendors in iSupport.

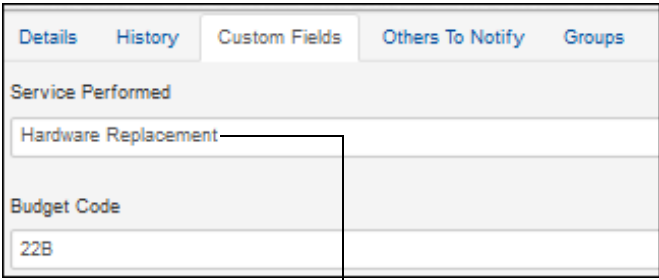
Location - Enables entry of a location. This field is not affiliated with iSupport's Location functionality that is used with location-based routing.

Comment - Enables display of a Comment field.

Status/Default Status - Enables display of the Statuses tab, on which you can select the predefined custom status labels that will be available in the Configuration Item screen. Once those status labels are selected, you can select the default status to appear in the Configuration Item screen when the type is selected. Use the Create New  and View/Edit  icons to access the Custom Status Label screen.

Use the Custom Fields section on the CMDB Type screen to define the fields that will display on the Custom tab in the Configuration Item screen when this type is selected. The custom fields will display as shown in the example below in the Configuration Item screen. Custom fields for a CMDB type will display **below** any global custom CMDB fields.

Custom Fields in the Configuration Item Screen



The screenshot shows a web interface with five tabs: Details, History, Custom Fields, Others To Notify, and Groups. The 'Custom Fields' tab is selected. Below the tabs, there is a section titled 'Service Performed' with a dropdown menu showing 'Hardware Replacement'. Below this, there is a 'Budget Code' field with the value '22B'. A line from the text 'Set up via the Custom Fields tab in the Type screen' points to the 'Budget Code' field. Another line from the text 'Global custom field set up via the Configuration Item tab in the Custom Fields screen' points to the 'Hardware Replacement' dropdown.

Set up via the Custom Fields tab in the Type screen

Global custom field set up via the Configuration Item tab in the Custom Fields screen

Configuring Maintenance, Warranty, and Lease Notifications

If the Maintenance, Warranty, and/or Lease optional fields are enabled for the type, use the Maintenance/Warranty/Lease tab to set up notifications associated with expiration dates. Expiration notifications are enabled on the Notifications tab.

Track Maintenance Information	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off
Number of Days After Creation to Default Maintenance Expiration Date	<input type="text" value="355"/>
Who to Notify of Maintenance Expiration	<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Other
Email Addresses of Other Recipients	<input type="text"/>
Number of Days Prior to Maintenance Expiration to Send Reminder	<input type="text" value="1"/>
Track Warranty Information	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off
Number of Days After Creation to Default Warranty Expiration Date	<input type="text" value="355"/>
Who to Notify of Warranty Expiration	<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Other
Email Addresses of Other Recipients	<input type="text"/>
Number of Days Prior to Warranty Expiration to Send Reminder	<input type="text" value="1"/>
Track Lease Information	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off
Number of Days After Creation to Default Lease Expiration Date	<input type="text" value="355"/>
Who to Notify of Lease Expiration	<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Other
Email Addresses of Other Recipients	<input type="text"/>
Number of Days Prior to Lease Expiration to Send Reminder	<input type="text" value="1"/>

Track Maintenance Information - Select Yes to enable maintenance notification functionality for configuration items of this type. Use the Notifications tab to designate the recipients and notifications to be sent on the schedule of the Configuration Item Reminder agent.

Who to Notify of Maintenance Expiration/Email Addresses of Other Recipients - If tracking maintenance information, select the person to whom the maintenance expiration reminder email should be sent.

- If Owner is selected on the Basics tab, select Owner to send the maintenance reminder email to the owner assigned to the configuration item (in the Configuration Item entry screen). The notification will contain configuration item details (for example, the name, type, and expiration date.)
- Select Other to send the maintenance expiration reminder to someone other than the owner. In the Email Addresses of Other Recipients field, enter the email address of this person. The notification will contain a link to the Configuration Item record.

Number of Days After Creation to Default Maintenance Expiration Date - Enter the number of days after a Configuration Item record of this type is created to display as default for the maintenance expiration date.

Number of Days Prior to Maintenance Expiration to Send Reminder - Enter the number of days before the expiration date in which the maintenance notification should be sent.

Track Warranty Information - Select Yes to enable warranty notification functionality, which sends notifications when a warranty expiration date is near. Use the Notifications tab to designate the recipients and notifications to be sent on the schedule of the Configuration Item Reminder agent.

Who to Notify of Warranty Expiration/Email Addresses of Other Recipients - If tracking warranty information, select the person to whom the warranty expiration reminder email should be sent.

- If Owner is selected on the Basics tab, select Owner to send the warranty reminder email to the owner assigned to the CI (in the CI entry screen).
- Select Other to send the warranty expiration reminder to someone other than the owner. In the Email Addresses of Other Recipients field, enter the email address of this person.

Number of Days After Creation to Default Warranty Expiration Date - Enter the number of days after the CI record is created to display as default for the warranty expiration date.

Number of Days Prior to Warranty Expiration to Send Reminder - Enter the number of days before the expiration date in which the warranty notification should be sent.

Track Lease Information - Select Yes to enable lease notification functionality for configuration items of this type.

Who to Notify of Lease Expiration/Email Addresses of Other Recipients - If tracking lease information, select the person to whom the lease expiration reminder email should be sent. Use the Notifications tab to designate the recipients and notifications to be sent on the schedule of the Configuration Item Reminder agent in the Agents screen.

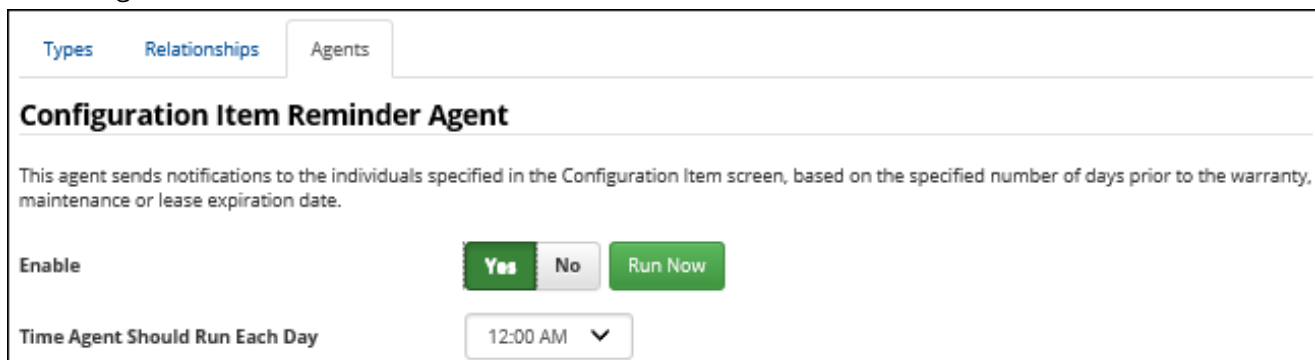
- If Owner is selected on the Basics tab, select Owner to send the lease reminder email to the owner assigned to the configuration item (in the Configuration Item entry screen). The notification will contain configuration item details (for example, the name, type, and expiration date.)
- Select Other to send the lease expiration reminder to someone other than the owner. In the Email Addresses of Other Recipients field, enter the email address of this person. The notification will contain a link to the Configuration Item record.

Number of Days After Creation to Default Lease Expiration Date - Enter the number of days after a Configuration Item record of this type is created to display as default for the lease expiration date.

Number of Days Prior to Lease Expiration to Send Reminder - Enter the number of days before the expiration date in which the lease notification should be sent.

Scheduling the Configuration Item Reminder Agent

If you enabled maintenance, warranty, and/or lease expiration functionality, enable the Configuration Item Reminder agent in the Agents screen.



The screenshot shows the 'Agents' tab in a software interface. Under the 'Configuration Item Reminder Agent' section, there is a description: 'This agent sends notifications to the individuals specified in the Configuration Item screen, based on the specified number of days prior to the warranty, maintenance or lease expiration date.' Below this, there are controls for enabling the agent. An 'Enable' label is followed by two buttons: 'Yes' (highlighted in green) and 'No' (greyed out). To the right of these is a green 'Run Now' button. At the bottom, there is a label 'Time Agent Should Run Each Day' followed by a dropdown menu currently set to '12:00 AM'.

Associating Relationships with a CMDB Type

Use the Relationships tab to add all of the predefined relationships available for use with CIs of the specified type. For example, you could utilize a relationship called “Uses” to designate the relationship between a support representative CI and a software CI.

The screenshot shows a dialog box titled "Add Relationships". At the top, there are "Add" and "Remove" buttons. Below them is a header row with a checkbox, "Name", "Corresponding Name", and "Position". The main area has a blue header "Add Relationships" and a "Create" button. Below this is a table with the following rows:

<input type="checkbox"/>	Name ▲	Corresponding Name
<input checked="" type="checkbox"/>	Accesses	Accessed By
<input checked="" type="checkbox"/>	Connects To	Connected To
<input type="checkbox"/>	Fails Over To	Supports Fail Over
<input type="checkbox"/>	Installed On	Contains
<input type="checkbox"/>	Uses	Used By

Assigning Statuses



If Status is selected on the Basics tab, use the Statuses tab to associate status labels with the specified type. Select Create to use the Custom Status Labels screen to define these status labels. These status labels are different from other status labels in iSupport in that there are no fixed status levels; you can modify or delete any of the status labels included by default as well as enter new ones. The associated labels will appear for selection when a type is selected in the Configuration Item entry screen. Note you must have at least one custom status label.

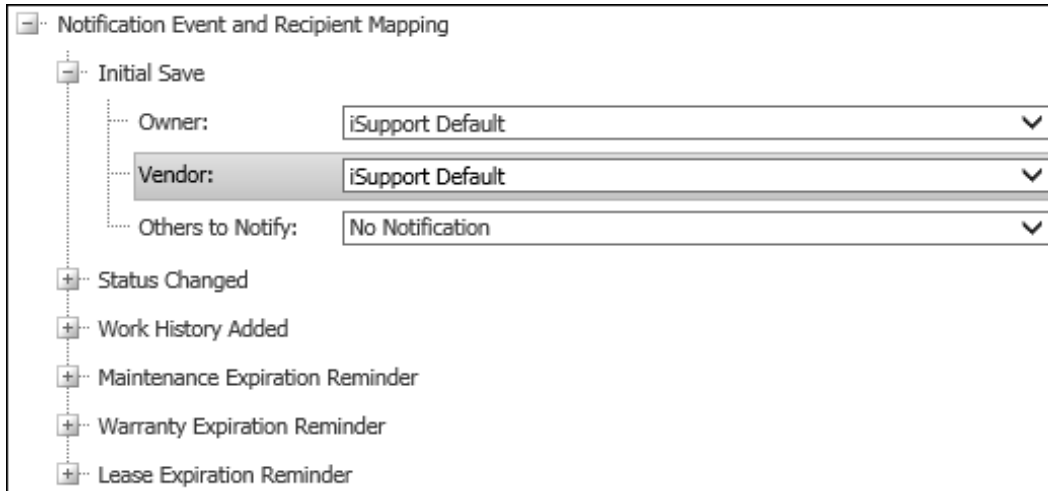
In addition to status labels such as Active and Retired, you can create status labels to designate stages in the life cycle of a configuration item; for example, Designed, Ordered, Under Development, In Test, Implemented, In Production, and Under Maintenance.

The screenshot shows a dialog box titled "Add Statuses". At the top, there are "Create", "Add", and "Remove" buttons. Below them is a header row with a checkbox, "Label", and "Position ▲". The main area has a blue header "Add Statuses". Below this is a table with the following rows:

<input type="checkbox"/>	Label ▲
<input checked="" type="checkbox"/>	Active
<input type="checkbox"/>	Customer
<input checked="" type="checkbox"/>	Retired
<input type="checkbox"/>	Staff

Configuring Notifications for Configuration Item Events

Use the fields on the Cmdb Types | Notifications tab to select notifications to be sent when a configuration item is initially saved or when the status changes or work history is added. You can select no notification, the default notification, or use the Create New  and View/Edit  icons to access the Custom Notifications screen.



Notification Event and Recipient Mapping

Initial Save

Owner: iSupport Default

Vendor: iSupport Default

Others to Notify: No Notification

Status Changed

Work History Added

Maintenance Expiration Reminder

Warranty Expiration Reminder

Lease Expiration Reminder

Initial Save - Select the recipients and notifications to be sent when a Configuration Item record is initially saved. The notifications will be sent on the schedule of the Configuration Item Reminder agent. The notifications will be sent on the schedule of the Notification agent (enabled via the Options and Tools | Administer | Agents screen).

Status Changed - Select the recipients and notifications to be sent when a selection is made in the Status field in the Configuration Item screen.

Work History Added - Select the recipients and notifications to be sent when an entry is made in the Work History field in the Configuration Item screen and the record is saved.


Maintenance Expiration Reminder - Select the recipients and notifications to be sent according to the settings on the Maintenance/Warranty/Lease tab. The notifications will be sent on the schedule of the Configuration Item Reminder agent (enabled via the Configuration Management | Agents tab in the Feature Basics screen).

Warranty Expiration Reminder - Select the recipients and notifications to be sent according to the settings on the Maintenance/Warranty/Lease tab. The notifications will be sent on the schedule of the Configuration Item Reminder agent (enabled via the Configuration Management | Agents tab in the Feature Basics screen).

Lease Expiration Reminder - Select the recipients and notifications to be sent according to the settings on the Maintenance/Warranty/Lease tab. The notifications will be sent on the schedule of the Configuration Item Reminder agent (enabled via the Configuration Management | Agents tab in the Feature Basics screen).

Configuring CMDB Relationships

Use the Configuration Management | Relationships tab in the Feature Basics screen to define relationships between CIs; for example, Runs On, Hosts, Connects To, Manages, Located At, Relies On, Used By, Backed Up To, or Custom. Use the Line Style and Line Color fields to define the appearance of relationships in the Relationship Viewer that can be displayed on a Desktop tab or the Relationships tab in the Configuration Item screen.



Name	<input type="text" value="Uses"/>	Corresponding Name	<input type="text" value="Used By"/>
Line Style	<input type="text" value="Dotted"/>	Line Style	<input type="text" value="Dotted"/>
Line Color	<input type="text" value="Black"/>	Line Color	<input type="text" value="Black"/>
Preview			



Name - Enter the name for one end of the relationship between two configuration items.

Corresponding Name - Enter the name for the other end of the relationship between two configuration items.

Line Color - Select a color for the line designating the relationship. The selected color will appear in the Preview area.

Line Style - Select a style for the line designating the relationship in the Relationship Viewer: Solid, Dotted, Dashed, or Double. The selected style will appear in the Preview area.

Use the Assignment tab to assign CMDB types to the relationship. The Not Assigned field includes predefined CMDB types; click the right arrow  icon to assign a type to the relationship. To unassign a type, select the type under Assigned to These Types and click the left arrow  icon. Note that each CMDB type must be associated with at least one relationship.

Not Assigned	Assigned to These Types
<div>Company Server Software Workstation</div>	<div>Person</div>
<div> </div>	
<p>* Denotes a configuration item type that cannot be disassociated with this relationship because there are no other associated relationships defined.</p>	

Creating CMDB Groups

Use the Configuration Management tab in the Core Settings | Groups screen to define and associate a collection of CIs for access, views, and reports. You can utilize iSupport's Group Access functionality to restrict access and display of a configuration item to members of a support representative group. To assign a configuration item to a group, you can use the Membership tab in this screen or on the Groups tab in the CI entry screen. Enter the name and description of the group on the Details tab.

Details >	Name	Workstation Upgrade Project
Membership	Description	Upgrading OS to El Capitan
Group Access		

Use the Membership tab to include configuration items in the group.

Add	Remove	
<input type="checkbox"/>	Name ▲	Type
<input type="checkbox"/>	Barry White Workstation	Workstation
<input type="checkbox"/>	Steve Johnson Workstation	Workstation

Use the Group Access tab to restrict access to CIs in the group to members of support representative groups. Click the Add link to select the groups. After saving, CIs in the group will be available only to members of the selected support representative groups. Note that group access permissions only restrict the ability to open a record (unless a group member is an owner); group access does not filter display of data in views, charts, and reports.

Details	Restricted to the following groups:	
Membership	Add	Remove
Group Access >	Add Group Access	
	Select Support Rep Groups:	
	<input type="checkbox"/>	Name ▲
	<input checked="" type="checkbox"/>	Administrators
		Description
		Administrators group created during application install.

Using the Data Source Integration Feature

Use the Data Source Integration feature to perform a scheduled one-way synchronization between a specified Microsoft SQL Server database and the corresponding table in iSupport. If utilizing multiple data sources, select the Order of Precedence link.

To get started, click the Create link in the Options and Tools | Integrate | Data Source Integration screen.

Create ▼ Delete Order of Precedence					
<input type="checkbox"/>	Name ▲	Type	Active	Source	Synced Record Types
<input type="checkbox"/>	Domino Directory	Domino Directory	Yes		Customers
<input type="checkbox"/>	LDAP Source	LDAP	No	xx.xx.x.xx.xx	Customers
<input type="checkbox"/>	Main AD Sync	Active Directory	No	LDAP://xx.xx.x.xx.xx	Customers
<input type="checkbox"/>	Microsoft CRM	Microsoft CRM	Yes		Customers

Select CMDB RDB, the data source type.

Create ▼ Delete Order of Precedence			
<div>Shared Active Directory LDAP Customer Domino Directory Microsoft CRM Customer RDB Asset Asset RDB CMDB CMDB RDB</div>	Type	Active	Source

You'll enter a connection string and SQL query, and then click the Test Connection button to display columns in the source database on the Field Mappings tab for specific field mapping options. You can schedule synchronization to occur on an interval basis. If a matching field exists in the source database, the record will be updated in iSupport.

Use the Basics tab to specify the connection string, SQL query, authentication information, and synchronization interval.

The screenshot shows a web-based configuration interface for 'Data Source Integration'. The breadcrumb trail at the top is 'Desktop / Configuration / Options and Tools / Integrate / Data Source Integration'. On the left, there is a sidebar with three tabs: 'Basics' (selected and highlighted in blue), 'Field Mappings', and 'Synchronization'. The main area contains the following fields and controls:

- Name:** A text input field containing 'CMDB Source'.
- Connection String:** A text input field containing 'server=server.xxx.com database=active_CIs; trusted connection=yes'.
- SQL Query:** A text input field containing 'select * from RDBCMDBSource'.
- Authentication:** Two radio buttons, 'Windows' and 'SQL Server'. 'SQL Server' is selected and highlighted in green.
- Username:** A text input field containing 'XXX\Admin'.
- Password:** A password input field with masked characters '*****'.
- Test Connection:** A button with the text 'Test Connection'.
- Active:** Two radio buttons, 'On' and 'Off'. 'On' is selected and highlighted in green.
- Synchronization Interval:** A dropdown menu showing '15 minutes'.

At the bottom right of the form, there are three buttons: 'Cancel', 'Sync', and 'Save'.

Name - Enter a name for the SQL Server source definition. This name will appear in the list of integration definitions and in the Source field in the associated CI record.

Connection String - Enter the connection string for accessing the source database.

SQL Query - Enter the SQL query string for accessing the SQL columns in the source database. Click the Test Query button to populate the SQL Columns field on the Field Mappings tab.

Authentication/Username/Password - Select the type of authentication to be used to access the source SQL Server database: Windows Authentication or SQL Server Authentication. If using SQL Server authentication, enter the user name and password for accessing the server. If using Windows Authentication, the database must have both of the iSupport user IDs listed, with the db_owner and public roles.

Active - Select Yes to enable the agent that updates the records in iSupport with the information in the SQL source database.

Synchronization Interval - Select the number of minutes in the interval for the synchronization to be performed.

Specifying Field Mappings

When the query connection is successful, use the Field Mappings tab to specify options for mapping the fields in the source database to the fields in the corresponding iSupport table.

Desktop / Configuration / Options and Tools / Integrate / Data Source Integration

Basics
Field Mappings
Synchronization

Refresh Columns

Name Column from Source Database: NAME

Attempt Type Mapping: On

Type Column from Source Database: ID_TYPE

Create New Type if Mapping Fails: On

Default Type: Workstation

Attempt Status Mapping: On

Status Column from Source Database: Select Column

Create New Status if Mapping Fails: On

Default Status if Mapping or Create Fails: Active

Attempt Owner Mapping: On

Owner Type: Customer Support Representative

Owner First Name Column from Source Database: NAME

Owner Last Name Column from Source Database: Select Column

Owner Email Column from Source Database: Select Column

Create New Customer Profile if Mapping Fails: Off

Default Owner: Barry White Clear

Name Column from Source Database - Select the name column in the SQL database that contains the data to be synchronized.

Attempt Type Mapping - Select:


- On to specify the type column in the source database for mapping to the iSupport type.

Type Column from Source Database - Select the column in the source database to be used for mapping to the iSupport type.



Create New Type if Mapping Fails - Select On to, if the value in the specified type column in the source database does not match, create a new CMDB type and assign it to the record.

Default Type if Mapping or Create Fails - Select the predefined iSupport CMDB type to assign if:

- No type is found on a record.
- The selected Type column contains any NULLs or empty strings for values for the mapped type.

Use the Create New  and View/Edit  icons to access the Configuration Item Type screen.

- Off to assign the predefined iSupport CMDB type in the Default Type field as the CMDB type for all synchronized records.



Default Type - If Off was selected in the Attempt Type Mapping field, select the predefined iSupport type to assign to all synchronized CI records. Use the Create New  and View/Edit  icons to access the Configuration Item Type screen.

Attempt Status Mapping - Select:



- On to specify the status column in the source database for mapping to the iSupport status.

Status Column from Source Database - Select the column in the source database to be used for mapping to the status in iSupport.

Create New Status if Mapping Fails - Select On to, if the value in the specified status column in the source database does not match, create a new CMDB status and assign it to the record.

Default Status if Mapping or Create Fails - Select the predefined iSupport CMDB status to assign if the status value in the source does not match or if a new CI status cannot be created. Use the Create New  and View/Edit  icons to access the Configuration Item Status screen.

- Off to assign the predefined iSupport CMDB status in the Default Status field as the CMDB status for all synchronized CI records.

Default Status - If Off was selected in the Attempt Status Mapping field, select the predefined iSupport status to assign to all synchronized CI records. Use the Create New  and View/Edit  icons to access the Configuration Item Status screen.

Attempt Owner Mapping - Select:

- On to specify the names of the owner First Name, Last Name, and Email columns in the source database and search for a matching customer or support representative in iSupport.
- Off to assign a predefined iSupport customer or support representative (depending on what is selected in the Owner Type field) as the CMDB owner for all synchronized records.

Owner Type -- Select:

- **Customer** to specify the owner column in the source database for mapping to the iSupport owner.
- **Support Representative** to specify the owner column in the source database for mapping to the iSupport owner.

Owner First Name Column from Source Database - If On was selected in the Attempt Owner Mapping field, select the owner first name column in the source database to be used in the search for a matching iSupport customer or support representative (depending on what is selected in the Owner Type field).

Owner Last Name Column from Source Database - If On was selected in the Attempt Owner Mapping field, select the owner last name column in the source database to be used in the search for a matching iSupport customer or support representative (depending on what is selected in the Owner Type field).

Owner Email Column from Source Database - If On was selected in the Attempt Owner Mapping field, select the owner email column in the source database to be used in the search for a matching iSupport customer or support representative (depending on what is selected in the Owner Type field).

Create New Customer Profile if Mapping Fails - Select:

- On to create a new Customer Profile record if a value in the source database does not match.
- Off to assign the customer in the Default Owner field as the owner of all synchronized CI records.

Default Owner - Select the iSupport customer or support representative to assign as the owner for synchronized records if no owner mapping was attempted or Off was selected in the Create New Customer Profile if Mapping Fails field,

When you make an entry in the Connection String and SQL Query fields on the Basics tab and click the Test Query button or Refresh Columns link, the SQL Columns section will be populated with the names of the columns in the source database. The iSupport Columns field contains iSupport's CMDB fields. To map a field, select a field in the SQL Columns field and the corresponding field in the iSupport Columns field. Then click the ➡ button. The associated fields display under Mapping. To remove an entry from the Mapping section, select the entry and click the ⬅ button.

Use the Custom Fields tab to map fields in the source database to the custom fields set up for both CMDB types and the CMDB entry screen. Click Save to save your selections. The synchronization will occur when the Sync button is clicked and/or on the interval set in the Synchronization Interval field on the Basics tab.

Selecting Fields for Synchronization

Use the Synchronization tab to synchronize iSupport's CMDB fields with fields in a Microsoft SQL Server source database; you'll select the mapped fields to be evaluated when the synchronization occurs. If a matching field exists in the source database, the record will be updated in iSupport.

Desktop / Configuration / Options and Tools / Integrate / Data Source Integration

Basics

Field Mappings

Synchronization ➤

Select the mapped fields to be evaluated when the synchronization occurs. If a selected matching field exists in the source database, the record will be updated in iSupport's database. If no selected matching fields exist, a new record will be created.

☒ Name

☐ Location

☐ Maintenance End Date

☐ Type

☐ Status

☐ Lease End Date

☐ Owner

☐ Warranty End Date

☒ Synchronization Key

Configuring Custom Fields

To define fields for entering information specific to your company, go to Options and Tools | Customize | Custom Fields. An unlimited number of text, keyword, hyperlink, date, selection, and date/time fields can be defined. You can do the following with custom fields:

- Require custom fields to be completed before a work item is saved and/or closed
- Configure display based on defined conditions, and pull from a data source
- Map to a SQL data source and populate and synchronize options for list-type custom fields
- Use rules to set a custom field value
- Configure custom fields to appear when an associated asset type, CMDB type (SD Edition)

Note that in addition to these settings you can use the Category entry screen to enter custom fields that will appear only when a category is selected in a work item screen, and use the Asset Type configuration screen to enter custom fields that will appear only when an asset type is selected.

Basics >	Row	1
mySupport Access >	Label	Server OS
Conditional Display Options >	Tooltip	The operating system on the server.
	Required on Save	<input type="radio"/> On <input checked="" type="radio"/> Off
	Required on Close	<input checked="" type="radio"/> On <input type="radio"/> Off
	Type	Check Box
	Data Source	None <input type="button" value="+"/> <input type="button" value="✎"/>
	Options	Mac,Windows,Other <input type="button" value="✓"/> <input type="button" value="❓"/>
	Max Columns	2

Row - Enter the row number for the position of the field. Row one will be the first field, row two will be located under the first field, and so on.

Label - Enter the label for the custom field.

Tooltip - Enter the text to display when a user hovers over the field with the cursor.

Required on Save - Select On to require the field to be completed before the record can be saved. Note: If an inbound email rule uses an auto-close incident template and a required custom field does not have a default value, the required custom field will not have a value in the closed incident.

Required on Close - Select On to require the field to be completed before a Closed status can be selected in a work item.

Type - Select the format of the field. Note that for list-type fields (Checkbox, Multiple Selection List Box, Radio Button, Single Selection Drop-Down, and Type Ahead) you can map to a SQL data source and populate and synchronize options for a field; see ["Pulling From a Data Source" on page 24](#) for more information.

- A **Check Box** field enables multiple selections; use the Max Columns field to enter the number of check boxes to appear before a scroll bar is used.
- A **Currency** field displays a dollar sign next to the field and allows entry of the numbers 0 through 9, a decimal point, and two values after the decimal point. The dollar sign symbol that precedes a currency custom field is controlled by the server's default language, but you can override it via a setting in the web.config file (located in the directories in which the Desktop, mySupport portal, and Survey functionality are installed). The following tag in the web.config file defines globalization settings: `<globalization requestEncoding="utf-8" responseEncoding="utf-8"/>`

You can add a culture/language name setting to this tag to override the currency symbol; in the example below, `culture="en-GB"` was added to change the dollar sign symbol to the English (United Kingdom) pound symbol.
`<globalization requestEncoding="utf-8" responseEncoding="utf-8" culture="en-GB"/>`

Note that the settings in the web.config file should be updated only as directed (via this guide or iSupport Technical Support); failure to do so may result in data loss or corruption. See <http://msdn2.microsoft.com/en-us/library/system.globalization.cultureinfo.aspx> for more information on defined culture settings.

- A **Date** field enables entry or selection of a date in MM/DD/YY format; a **Date Time** field enables entry or selection of a date (MM/DD/YY) and time. To disable manual entry in Date and Date Time fields and require the user to select from the calendar popup, select Yes in the Disable Manual Entry of Date Time Custom Fields field on the Advanced tab in the Custom Fields screen.
- A **Hyperlink** field enables you to specify default text and a URL to appear in the field; the user can change those entries. You can also leave the field blank and allow the user to enter the default text and URL.
- A **Multiple Selection List Box** field enables the user to select multiple entries in a list. Use the Max Rows field to enter the number of selections to appear before a scroll bar is used.
- A **Number Only** field enables entry of the numbers 0 through 9 and a decimal point.
- A **Radio Button** field enables only one selection; use the Max Columns field to enter the number of radio buttons to appear before a scroll bar is used.
- A **Single Selection Drop-Down** field enables selection of one item in a list.
- A **Text Area** field enables text characters to be entered in a resizable field.
- A **Text** field enables text to be entered in a one-line field.
- A **Type Ahead** field initiates a search of matching options after a few characters are typed. This custom field type is only used for fields that are linked with a data source.

Examples are shown below.

Check Box	<input checked="" type="checkbox"/> Option 1 <input checked="" type="checkbox"/> Option 2 <input type="checkbox"/> Option 3	Date Field	03/08/2016
Radio Button	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> I don't know	Date/Time Field	03/07/2016 3:27:00
Text Area	<div></div>	Single Selection Drop-Down	Option 1 ▼
Text Field	<div></div>	Multiple Selection List Box	<div>Option 1</div> <div>Option 2</div> <div>Option 3</div>
Currency Only	\$ 123	Hyperlink	iSupport's Web Site - Edit
Number Only	123		

Options - This field displays when creating a radio button, checkbox, multiple selection list box, or single selection drop-down. Enter or paste items into this field; separate each value with a comma or return and click the Commit Items icon when finished. Select items to specify defaults and drag items to change the order. Options can be populated by and synchronized with a SQL data source; see ["Pulling From a Data Source" on page 24](#) for more information.

Default Value - Enter a value to appear as an option in the custom field by default.

- To display the current date, enter **@today**
- To display the date a specified number of days after the current date, enter **@today+n** (where *n* is the number of days to add after today's date)
- To display the date a specified number of days before the current date, enter **@today-n** (where *n* is the number of days to subtract from today's date)

Max Columns/Max Rows - For Check Box and Radio Button type fields, enter the maximum number of columns to display (the fields will wrap to multiple rows); for a Multiple Selection List Box type field, enter the maximum number of rows to display (causing a scroll bar to appear).

To delete a custom field, click the row number and then click the Delete link. To delete multiple custom fields, select the fields and click the Delete link. To edit a custom field, click the label link.

mySupport Access Options

Available to mySupport - Select On to enable the field to appear on a mySupport portal.

Select mySupport Portals with Access - If the mySupport Access field is enabled, select the predefined mySupport portal interfaces on which the custom field can appear. Note: If custom fields are associated with more than one level of a selected category set, the fields for all levels will display.

The screenshot shows a configuration panel for 'mySupport Access'. On the left is a sidebar with three items: 'Basics', 'mySupport Access' (which is selected and highlighted in blue), and 'Conditional Display Options'. The main area has a title 'Available to mySupport' followed by a toggle switch set to 'On'. Below this is a section titled 'Select mySupport portals with access' with a checked checkbox and a text input field containing 'http://example.com/user'.

Conditional Display Options

Enable Conditional Display - Select On to enable the Conditional Display Options fields for configuring conditions on which to base display of the custom field.

The screenshot shows the 'Conditional Display Options' configuration panel. The sidebar on the left has 'Conditional Display Options' selected. The main area has a title 'Enable Conditional Display' with a toggle switch set to 'On'. Below this is a 'Match' dropdown set to 'All'. There are two condition rows. The first row has a dropdown for 'Department Code', the operator 'is', and a text input '300'. The second row has a dropdown for 'Budget Code', the operator 'is', and a text input '500'. To the right of each row are buttons for '+', '-', and '...'. Above the first row is a '+ ...' button, and above the second row is a '+ - ...' button.

Use the Match *<All/Any>* field to specify whether you want **every** *<field>* is *<value>* search condition to be met, or **any** configured condition to be met. Use the Add Condition and Remove Condition icons to display and remove a *<field>* is *<value>* search condition. Click the Add Condition icon if you wish to include another condition. You can use the Add Condition Group icon to put a set of search conditions to be evaluated together in a group.

In this example, the field will appear if the value in Department Code custom field is 300 and the value in the Budget Code custom field is 500.

Pulling From a Data Source

You can map to a SQL data source and populate and synchronize options for list-type custom fields. Use the Data Sources tab in the Custom Fields screen to create a custom field data source definition, enter a connection string and SQL query, and specify the synchronization interval.

Incident	Name	Asset Types
Problem	Connection String	server=.; database=cSupport; Trusted_Connection=True
Change	SQL Query	select Type from ASSET_TYPES
Customer		
Company		
Asset		
Purchase		
Service Contract		
Configuration Item		
Knowledge Entry		
Opportunity		
Advanced		
Data Sources >	Items	<div>Retrieve Items</div> <div>Cell Phone Copier Desktop Laptop Office Supplies Printer Server Tablet Training Widgets</div>
	Active	<div>Yes No</div>
	Synchronization Interval	15 minute

Name - Enter a name for the SQL Server source definition. This name will appear in the list that can be selected in the Data Source field in the Custom Field Definition dialog (if a list-type format is selected in the Type field).

Connection String - Enter the connection string for accessing the source database.

SQL Query - Enter the SQL query string for accessing the field options in the SQL database. Click the Retrieve Items button to populate the Items field using this string.

Active - Select Yes to enable synchronization and update the Options list for a custom field with the information in the SQL source database.

Synchronization Interval - Select the number of minutes in the interval for the synchronization to be performed.

Using the Data Source for a Custom Field

After saving, the custom field data source definition will be available for selection in the Custom Field Definition dialog. The Options field will be populated and will not be editable after synchronization.

Basics	Row	5
mySupport Access	Label	Affected Item
Conditional Display Options	Tooltip	
	Required on Save	On Off
	Required on Close	On Off
	Type	Multiple Selection List Box
	Data Source	Asset Types +
	Options	<div><input type="checkbox"/> Cell Phone</div> <div><input type="checkbox"/> Copier</div> <div><input type="checkbox"/> Desktop</div> <div><input type="checkbox"/> Laptop</div> <div><input type="checkbox"/> Office Supplies</div>
	Max Rows	2

Configuring Custom Status Labels for Configuration Items

Use the CMDB Custom Status Labels screen to define labels for status levels that can be assigned to configuration items. The associated labels will appear for selection when a type is selected in the Configuration Item entry screen. These status labels are different from other status labels in iSupport in that there are no fixed status levels; you can modify or delete any of the status labels included by default as well as enter new ones. Note you must have at least one custom status label.

In addition to status labels such as Active and Retired, you can create status labels to designate stages in the life cycle of a configuration item; for example, Designed, Ordered, Under Development, In Test, Implemented, In Production, and Under Maintenance.

To define a custom status, access the Custom Status Labels screen and click the Add link.

Change	Create	Delete
Company		
Configuration Item >	Label ▲	mySupport Label
Incident	<input type="checkbox"/> Active	Active
Problem	<input type="checkbox"/> Customer	Customer
Purchase	<input type="checkbox"/> Retired	Retired
	<input type="checkbox"/> Staff	Employee

Label - Enter the name for the status; this name will appear for selection and in views on the Desktop.

Alternate Label on mySupport - Enter the status label to appear on the mySupport. Enable the status label via the CMDB Display tab in the mySupport | Portals | Options configuration screen.

Not Assigned/Assigned to These Types - Use these fields to assign the status to one or more CMDB types. The Not Assigned field includes predefined CMDB types; click the right arrow ➡ icon to assign a type to the status. To unassign a type, select the type under Assigned to These Types and click the left arrow ⬅ icon.

Creating Configuration Items Automatically


You can use the Configuration Item Auto Create Agent in the Agents screen to create a CI for **each** asset, customer, company, support representative profile, and/or member of customer or support representative group that is not already associated with a configuration item. This requires you to select a configuration item to use as a template for populating fields in the newly-created configuration items.

Creating Configuration Items for Assets

Follow these steps to automatically create a CI for each asset that is not already associated with a CI.

- 1 This process requires you to select a CI to use as a template for populating fields in the newly-created CIs. Open the CMDB type associated with that CI and select Yes in the Use Associated Items field. Then Asset in the Documents to Use as Associated Items field.

The screenshot shows a configuration form for a Configuration Item. The form includes sections for general settings, optional fields, and associated item settings. Annotations with lines pointing to specific fields are provided at the bottom.

Name	Workstation
Require Work History on Save	On Off
Default Image for Relationship Viewer	 Choose
Optional Fields	<div><input checked="" type="checkbox"/> Hours of Operation <input checked="" type="checkbox"/> Owner <input checked="" type="checkbox"/> Vendor</div> <div><input checked="" type="checkbox"/> Location <input checked="" type="checkbox"/> Status <input checked="" type="checkbox"/> Maintenance</div> <div><input checked="" type="checkbox"/> Warranty <input checked="" type="checkbox"/> Lease <input checked="" type="checkbox"/> Comments</div>
Default Status	Active + ✎
Associated Item Settings	
Use Associated Items	On Off
Require Associated Item on Save	On Off
Documents to use as Associated Items	<div><input checked="" type="checkbox"/> Asset <input type="checkbox"/> Company</div> <div><input type="checkbox"/> Customer <input type="checkbox"/> Support Representative</div> <div><input type="checkbox"/> Customer Group <input type="checkbox"/> Support Representative Group</div>

Enable Associated Items

Select the type of record for which
you'll create configuration items

- 2 On the CI you'll use as a template, make entries that you wish to be included on the newly-created CIs. **Note that only the names of the newly-created CIs will be taken from the associated Asset records; any entries in custom fields and common fields such as Owner, Location, Maintenance, Warranty, Comments, and Groups will be taken from the CI used as a template.**

The screenshot shows the 'Configuration Item' form. At the top, there's a 'File' menu with 'Save' and 'Save and Close' options. Below this, the 'Name' field is 'Barry White Workstation' and the 'Type' dropdown is 'Workstation'. The 'Source' is 'Direct Entry'. A tabbed interface shows 'Details' as the active tab. Under 'Details', 'Owner' is 'Unassigned', 'Vendor' is 'LBLSoft, Inc.', 'Associated Item' is 'Barry White Workstation', 'Location' is 'Headquarters', and 'Status' is 'Active'.

- 3 In the Agents screen, click on the Configuration Item to Use as a Template link and select the CI to use as a template.

The screenshot shows the 'Configuration Item Auto Create Agent' settings. It includes an 'Enable' toggle set to 'Yes' and an 'Interval' dropdown set to '5 minutes'. Below this is a section 'Create Configuration Items for Assets' with an 'Enable' toggle set to 'No' and a 'Run Now' button. A 'Default Configuration Item to use as Template' dropdown is set to 'Barry White Workstation'. At the bottom, there is a link 'Map Configuration Item Templates per Asset Type'.

Select the configuration item to use as a template

Use this link if creating configuration items for multiple asset types

- 4 If creating CIs for multiple asset types, click the Map Configuration Item Templates per Asset Type link to select a CI for each applicable asset type. In the following example, CIs will be created for all asset records with the type

of Laptop, and the Barry White Workstation CI will be used as a template. CIs will be created for all asset records with a type of Server, and the Application Server CI will be used as a template.

Configure Configuration Item Auto Create Mappings		
Asset Type	Configuration Item Template	
Cell Phone	Default	
Copier	Default	
Desktop	Default	
Laptop	Barry White Workstation	Clear
Office Supplies	Default	
Printer	Default	
Server	Application Server	Clear

- 5 To run the agent immediately and create the CIs on a one-time basis, click the Run Now button. To run the agent on an interval basis, select Yes in the Enable field in the Create Configuration Items for Assets section **and** at the top of the Configuration Item Auto Create Agent section. Then set the agent interval and save.

Configuration Item Auto Create Agent

This agent creates a Configuration Item record for each asset, customer, company, and/or support representative that is not already associated with a configuration item.

Enable Yes No

Interval 5 minutes ▼

Create Configuration Items for Assets

Enable Yes No Run Now

Default Configuration Item to use as Template Barry White Workstation

Map Configuration Item Templates per Asset Type


Creating Configuration Items for Customers

Follow these steps to automatically create a CI for each Customer Profile record that is not already associated with a CI.

- 1 This process requires you to select a CI to use as a template for populating fields in the newly-created CIs. Open the CMDB type associated with that CI and select Yes in the Use Associated Items field. Then select Customer in the Documents to Use as Associated Items field.

Name

Require Work History on Save ☐ On ☒ Off

Default Image for Relationship Viewer  [Choose](#)

Optional Fields

<input type="checkbox"/> Hours of Operation	<input type="checkbox"/> Owner	<input type="checkbox"/> Vendor
<input checked="" type="checkbox"/> Location	<input checked="" type="checkbox"/> Status	<input type="checkbox"/> Maintenance
<input type="checkbox"/> Warranty	<input type="checkbox"/> Lease	<input checked="" type="checkbox"/> Comments

Default Status

Associated Item Settings

Use Associated Items ☒ On ☐ Off

Require Associated Item on Save ☐ On ☒ Off

Documents to use as Associated Items

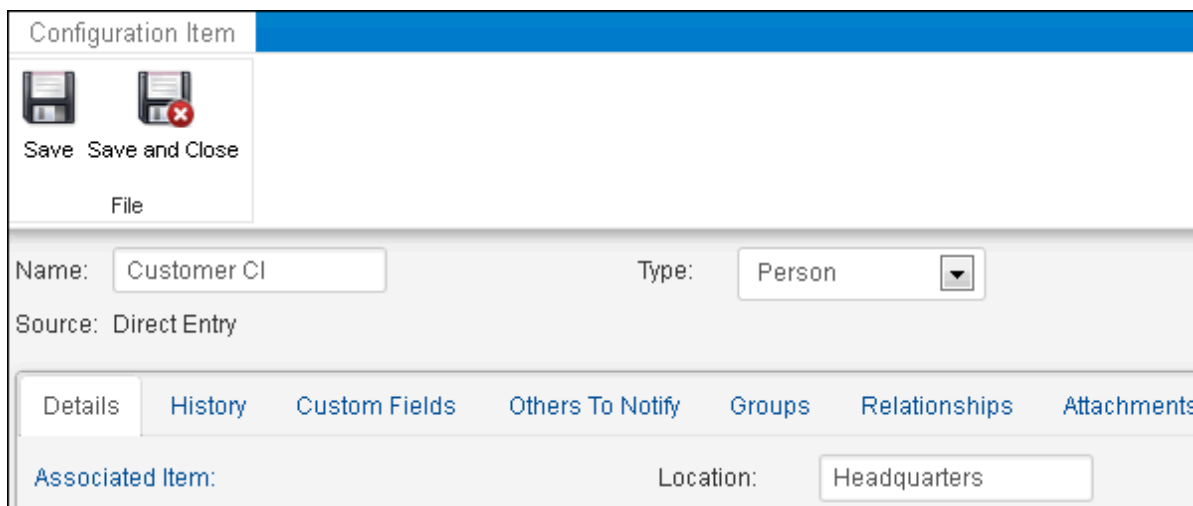
<input type="checkbox"/> Asset	<input type="checkbox"/> Company
<input checked="" type="checkbox"/> Customer	<input type="checkbox"/> Support Representative
<input type="checkbox"/> Customer Group	<input type="checkbox"/> Support Representative Group

Enable Associated Items

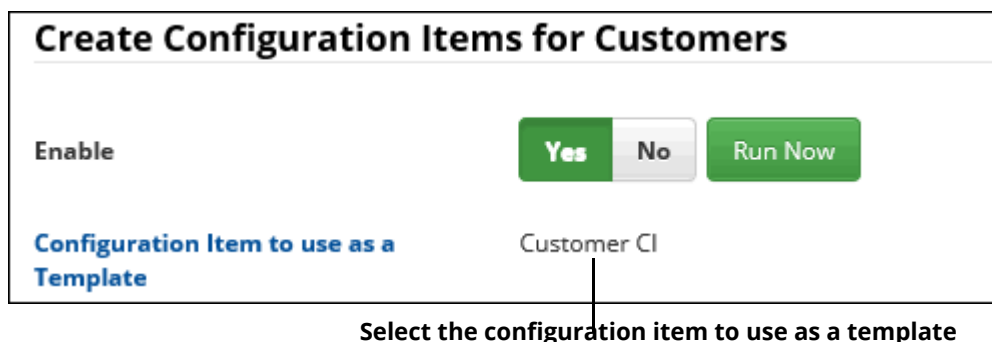
Select the type of record for which
you'll create configuration items

- 2 On the CI you'll use as a template, make entries that you wish to be included on the newly-created CIs. **Note that only the names of the newly-created CIs will be taken from the associated Customer Profile records; any**

entries in custom fields and common fields such as Owner, Location, Maintenance, Warranty, Comments, and Groups will be taken from the CI used as a template.

A screenshot of a web application form titled "Configuration Item". The form has a blue header bar. Below the header, there are two floppy disk icons with labels "Save" and "Save and Close", and a "File" label. The main form area contains fields for "Name" (with the value "Customer CI"), "Type" (with a dropdown menu showing "Person"), and "Source" (with the value "Direct Entry"). Below these fields is a tabbed interface with tabs labeled "Details", "History", "Custom Fields", "Others To Notify", "Groups", "Relationships", and "Attachments". The "Details" tab is active. At the bottom of the form, there is a field labeled "Associated Item:" and a field labeled "Location:" with the value "Headquarters".

- 3 In the Agents screen, click on the Configuration Item Template link and select the CI to use as a template. To run the agent immediately and create the CIs on a one-time basis, click the Run Now button next to the Configuration Item to Use as a Template link. To run the agent on an interval basis, select Yes in the Enable field in the Create Configuration Items for Customers section **and** at the top of the Configuration Item Auto Create Agent section. Then set the agent interval and save.

A screenshot of a web application form titled "Create Configuration Items for Customers". The form has a white header bar. Below the header, there is a section labeled "Enable" with two buttons: "Yes" (green) and "No" (grey). To the right of these buttons is a green button labeled "Run Now". Below the "Enable" section is a section labeled "Configuration Item to use as a Template" with a dropdown menu showing "Customer CI". A line points from the text "Select the configuration item to use as a template" to the dropdown menu.

Creating Configuration Items for Customer Groups and Group Members

Follow these steps to create CIs automatically for both customer groups and the customers in those groups:

- 1 Open the CMDB type associated with CIs you'll designate as a templates (one for customers and one for customer groups) and select Yes in the Use Associated Items field. Then select Customer and Customer Group in the Documents to Use as Associated Items field.


Name

Person

Require Work History on Save

On Off

Default Image for Relationship Viewer



Choose

Optional Fields

☒ Hours of Operation
 ☒ Owner
 ☐ Vendor
 ☒ Location
 ☒ Status
 ☐ Maintenance
 ☐ Warranty
 ☐ Lease
 ☒ Comments

Default Status

Staff

+

Associated Item Settings

Use Associated Items

On Off

Require Associated Item on Save

On Off

Documents to use as Associated Items

☐ Asset
 ☐ Company
 ☒ Customer
 ☐ Support Representative
 ☒ Customer Group
 ☐ Support Representative Group

Select if creating configuration items for customer groups and group members

- 2 On the Relationships tab in the CMDB Type screen, ensure that the relationship to assign to the CIs to be created is included. You'll be selecting the relationship of the group to the members, and you'll be able to use the relationships in both the Name and Corresponding Name columns. (In the example below, you'll be able to select from the Uses-Used By, Used By-Uses, Member Of-Includes, and Includes-Member Of relationships.) In this example, the **Includes-Member Of** relationship will be used.

<div>Add Remove</div>			
<input type="checkbox"/>	Name	Corresponding Name	Position ▲
<input type="checkbox"/>	Uses	Used By	1 ▼
<input type="checkbox"/>	Member of	Includes	2 ▼

- 3 On the CIs you'll use as templates, make entries that you wish to be included on the newly-created CIs. **Note that only the names of the newly-created CIs will be taken from the associated customer and customer**

groups; any entries in custom fields and common fields such as Owner, Location, Maintenance, Warranty, Comments, and Groups will be taken from the CI used as a template.

The screenshot shows a web form titled 'Configuration Item'. At the top left, there is a 'File' section with two icons: a floppy disk labeled 'Save' and a floppy disk with a red 'X' labeled 'Save and Close'. Below these is a 'Name' field containing 'Customer CI' and a 'Type' dropdown menu set to 'Person'. The 'Source' is listed as 'Direct Entry'. A horizontal tab bar contains links for 'Details', 'History', 'Custom Fields', 'Others To Notify', 'Groups', 'Relationships', and 'Attachments'. At the bottom, there is an 'Associated Item' link and a 'Location' field set to 'Headquarters'.

This screenshot is identical in layout to the one above, but the 'Name' field contains 'Customer Group CI'. All other elements, including the 'File' section, 'Type' dropdown, 'Source', tabs, and 'Location' field, are the same.

4 In the Agents screen:

- a** Click the Configuration Item to Use as a Template link in the Create Configuration Items for Customers section and select the CI you are using as a template for populating fields in newly-created customer CIs.
- b** Click the Configuration Item to Use as a Template link in the Create Configuration Items for Customer Groups section and select the CI you are using as a template for populating fields in newly-created customer group CIs.

- c Select the relationship of the group to the members.

Create Configuration Items for Customers

Enable

Yes

No

Run Now

Configuration Item to use as a Template

Customer CI

Create Configuration Items for Customer Groups

Enable

Yes

No

Run Now

Configuration Item to use as a Template

Customer Group CI

Relationship of the Group to the Members

Includes - Member of

Select the configuration item to use as a template for newly-created customer CIs

Select the configuration item to use as a template for newly-created customer group CIs

Select the relationship to assign to the groups and members

- 5 To run the agent immediately on a one-time basis, click the Run Now button next to the Configuration Item to Use as a Template link.

- 6 Review the newly-created CIs on the Desktop. In newly-created customer group CIs, the source will be **Auto Create** and the Relationships tab will display the assigned relationships of the group to the group members.

In newly-created customer CIs, the Associated Item field will contain a link to the existing Customer Profile record from which the CI was created.

Configuration Item

Save

Save and Close

File

Name: Tess French

Type: Person

Source: Direct Entry

Details

History

Custom Fields

Others To Notify

Groups

Relationships

Attachments

Associated Item: Tess French

Location: Headquarters

The Relationships tab on the newly-created customer CI will display the relationship of the member to the group.

- 7 To run the agent on an interval basis, select Yes in the Enable field in the Create Items for Customer Groups section, Create Configuration Items for Customers, **and** at the top of the Configuration Item Auto Create Agent section. Then set the agent interval and save.

Synchronizing Customer Group Relationships

If applicable, you can use the Group Relationship Synchronization agent to monitor existing customer group CIs and update any changes in the associated customer groups. For example, if a customer is added to a customer group, it creates a CI record for that customer and adds a relationship to the customer group CI. You'll need to specify a CI to use as a template and a relationship for the newly-created customer CIs; however, note that **the relationship selected for synchronization will not be available for assignment to any other CI or group**. You may wish to add a relationship to the type of the CI used as a template for this purpose.

To run the agent immediately on a one-time basis, click the Run Now button in the Create Configuration Items for Customer Groups section. To run the agent on an interval basis, select Yes in the Enable field in the Sync Relationships for Customer Groups section **and** at the top of the Group Relationship Synchronization Agent section. Then set the agent interval and save.

Group Relationship Synchronization Agent

This agent synchronizes relationships for Configuration Item records that are associated with a customer group or support representative group.

Enable Yes No


Interval 5 minutes ▼

Sync Relationships for Customer Groups

Enable Yes No Run Now

Configuration Item to use as a Template Customer Group CI

Relationship of the Group to the Members Includes - Member of ▼



Select Yes in these fields to run the agent on an interval basis

Click to run the agent immediately on a one-time basis


Creating Configuration Items for Companies

You can use the Configuration Item Auto Create Agent in the Agents screen to create a CI for each company that is not already associated with a configuration item. This requires you to select a CI to use as a template for populating fields in the newly-created CIs.

- 1 Open the CMDB type associated with CI you'll designate as a template and select Yes in the Use Associated Items field. Then select Company in the Documents to use as Associated Items field.

Name

Require Work History on Save

Default Image for Relationship Viewer  [Choose](#)

Optional Fields

<input type="checkbox"/> Hours of Operation	<input type="checkbox"/> Owner	<input type="checkbox"/> Vendor
<input checked="" type="checkbox"/> Location	<input type="checkbox"/> Status	<input type="checkbox"/> Maintenance
<input type="checkbox"/> Warranty	<input type="checkbox"/> Lease	<input type="checkbox"/> Comments

Default Status

Associated Item Settings

Use Associated Items

Require Associated Item on Save

Documents to use as Associated Items

<input type="checkbox"/> Asset	<input checked="" type="checkbox"/> Company
<input type="checkbox"/> Customer	<input type="checkbox"/> Support Representative
<input type="checkbox"/> Customer Group	<input type="checkbox"/> Support Representative Group

Enable Associated Items **Select the type of record for which you'll create configuration items**

- 2 On the CI you'll use as a template, make entries that you wish to be included on the newly-created CIs. **Note that only the names of the newly-created CIs will be taken from the associated Company records; any entries**

in custom fields and common fields such as Owner, Location, Maintenance, Warranty, Comments, and Groups will be taken from the configuration item used as a template.

- 3 On the Configuration Management | Agents tab, click on the Configuration Item Template link and select the CI to use as a template.

Click to run the agent immediately on a one-time basis

Select Yes in these fields to run the agent on an interval basis

Select the configuration item to use as a template for newly-created company CIs

- 4 To run the agent immediately and create the CIs on a one-time basis, click the Run Now button. To run the agent on an interval basis, select Yes in the Enable field in the Create Configuration Items for Companies section **and** at the top of the Configuration Item Auto Create Agent section. Then set the agent interval and save.


Creating Configuration Items for Support Representatives

You can use the Configuration Item Auto Create Agent in the Agents screen to create a CI for each support representative that is not already associated with a configuration item. This requires you to select a CI to use as a template for populating fields in the newly-created CIs.

- 1 Open the CMDB type associated with CI you'll designate as a template and select Yes in the Use Associated Items field. Then select Support Representative in the Documents to use as Associated Items field.

Name

Require Work History on Save

Default Image for Relationship Viewer  [Choose](#)

Optional Fields

<input type="checkbox"/> Hours of Operation	<input type="checkbox"/> Owner	<input type="checkbox"/> Vendor
<input checked="" type="checkbox"/> Location	<input checked="" type="checkbox"/> Status	<input type="checkbox"/> Maintenance
<input type="checkbox"/> Warranty	<input type="checkbox"/> Lease	<input checked="" type="checkbox"/> Comments

Default Status

Associated Item Settings

Use Associated Items

Require Associated Item on Save

Documents to use as Associated Items



<input type="checkbox"/> Asset	<input type="checkbox"/> Company
<input type="checkbox"/> Customer	<input checked="" type="checkbox"/> Support Representative
<input type="checkbox"/> Customer Group	<input type="checkbox"/> Support Representative Group

Enable Associated Items (points to 'Use Associated Items' toggle)

Select the type of record for which you'll create configuration items (points to 'Support Representative' checkbox)

- 2 On the CI you'll use as a template, make entries that you wish to be included on the newly-created CIs. **Note that only the names of the newly-created CIs will be taken from the associated Company records; any entries in custom fields and common fields such as Owner, Location, Maintenance, Warranty, Comments, and Groups will be taken from the configuration item used as a template.**

Configuration Item

 
Save Save and Close

File

Name: Type:

Details History Custom Fields Others To Notify Groups Relationships Attachments

Associated Item: Location:

- 3 On the Configuration Management | Agents tab, click on the Configuration Item to use as a Template link and select the CI to use as a template.

Select Yes in these fields to run the agent on an interval basis

Create Configuration Items for Support Reps

Enable

Yes

No

Run Now

Configuration Item to use as a Template

Support Rep CI

Click to run the agent immediately on a one-time basis

Select the configuration item to use as a template for newly-created company CIs

- 4 To run the agent immediately and create the CIs on a one-time basis, click the Run Now button next to the Configuration Item to Use as a Template link. To run the agent on an interval basis, select Yes in the Enable field in the Create Configuration Items for Support Reps section **and** at the top of the Configuration Item Auto Create Agent section. Then set the agent interval and save.

Creating Configuration Items for Support Representative Groups and Group Members

You can use an agent to create CIs automatically for both support representative groups and the support representatives in those groups. Follow these steps:


- 1 You'll first need to designate a CI to use as a template for the newly-created support representative group CIs as well as a CI to use as a template for the newly-created support representative CIs. You may wish to create CIs specifically for this purpose. On these items, make entries that you wish to be included on the newly-created CIs.


Note that only the names of the newly-created CIs will be taken from the associated support representative and support representative group records; any entries in custom fields and common fields

iSupport Software
Page 39

such as Owner, Location, Maintenance, Warranty, Comments, and Groups will be taken from the CI used as a template.

Configuration Item

 Save

 Save and Close

File

Name:

Type:

Details

History

Custom Fields

Others To Notify

Groups

Relationships


Attachments


Associated Item:

Location:

Status:

Configuration Item

 Save

 Save and Close

File

Name:

Type:

Details

History

Custom Fields

Others To Notify

Groups

Relationships

Attachments

Associated Item:


Location:

Status:

- 2 Ensure that the CMDB type of both of the configuration items you are using as templates has the Support Representative and Support Representative Group options selected in the Documents to Use as Associated Items section.

Name

Require Work History on Save

Default Image for Relationship Viewer  [Choose](#)

Optional Fields

<input type="checkbox"/> Hours of Operation	<input type="checkbox"/> Owner	<input type="checkbox"/> Vendor
<input checked="" type="checkbox"/> Location	<input checked="" type="checkbox"/> Status	<input type="checkbox"/> Maintenance
<input type="checkbox"/> Warranty	<input type="checkbox"/> Lease	<input checked="" type="checkbox"/> Comments

Default Status

Associated Item Settings

Use Associated Items

Require Associated Item on Save

Documents to use as Associated Items

<input type="checkbox"/> Asset	<input type="checkbox"/> Company
<input type="checkbox"/> Customer	<input checked="" type="checkbox"/> Support Representative
<input checked="" type="checkbox"/> Customer Group	<input checked="" type="checkbox"/> Support Representative Group

Select if creating configuration items for support representative groups and group members

- 3 On the Relationships tab in the CMDB Type screen, ensure that the relationship to assign to the CIs to be created is included. You'll be selecting the relationship of the group to the members in the Agent screen, and you'll be able to use the relationships in both the Name and Corresponding Name columns. (In the example below, you'll be able to select from the Uses-Used By, Used By-Uses, Member Of-Includes, and Includes-Member Of relationships.)
- 4 In the Agents screen:
- Click the Configuration Item to Use as a Template link in the Create Configuration Items for Support Representatives section and select the CI you are using as a template for populating fields in newly-created support representative CIs.
 - Click the Configuration Item to Use as a Template link in the Create Configuration Items for Support Representative Groups section and select the CI you are using as a template for populating fields in newly-created support representative group CIs.

- c Select the relationship of the group to the members.

Create Configuration Items for Support Reps

Enable

Yes
No
Run Now

Configuration Item to use as a Template
Support Rep CI

Create Configuration Items for Support Rep Groups

Enable

Yes
No
Run Now

Configuration Item to use as a Template
Support Rep Group CI

Relationship of the Group to the Members

Includes - Member of

Select the configuration item to use as a template for newly-created support rep CIs

Select the relationship of the group to the members

- d Click the Run Now button next to the Configuration Item to Use as a Template link in the Create Configuration Items for Support Rep Groups section to run the agent immediately and create the CIs on a one-time basis.
- 5 Review the newly-created CIs on the Desktop. In newly-created support representative group CIs, the source will be **Auto Create** and the Relationships tab will display the assigned relationships of the group to the group members.
 - 6 In newly-created support representative CIs, the Associated Item field will contain a link to the existing Support Representative Profile record from which the CI was created.

Configuration Item

Save

Save and Close

File

Name: Jack Sullivan
Type: Person
Source: Direct Entry

Details
History
Custom Fields
Others To Notify
Groups
Relationships
Attachments

Associated Item: Jack Sullivan
Location: Atlanta
Status: Staff

- 7 The Relationships tab on the newly-created support representative CI will display the relationship of the member to the group.

- 8 To run the agent on an interval basis, select Yes in the Enable field in the Create Items for Support Rep Groups section, Create Configuration Items for Support Reps, **and** at the top of the Configuration Item Auto Create Agent section. Then set the agent interval and save.

Synchronizing Support Representative Group Relationships

If applicable, you can use the Group Relationship Synchronization agent to monitor existing support representative group CIs and update any changes in the associated support representative groups. For example, if a customer is added to a support representative group, it creates a CI record for that support representative and adds a relationship to the support representative group CI. You'll need to specify a configuration item to use as a template and a relationship for the newly-created support representative CIs; however, note that **the relationship selected for synchronization will not be available for assignment to any other configuration item or group**. You may wish to add a relationship to the type of the CI used as a template for this purpose.

Create Configuration Items for Support Reps

Enable

YesNo

Run Now

Configuration Item to use as a TemplateSupport Rep CI

Create Configuration Items for Support Rep Groups

Enable

YesNo

Run Now

Configuration Item to use as a TemplateSupport Rep Group CI

Relationship of the Group to the Members

Includes - Member of

To run the agent immediately on a one-time basis, click the Run Now button in the Sync Relationships for Support Rep Groups section. To run the agent on an interval basis, select Yes in the Enable field in the Sync Relationships for Support Rep Groups section **and** at the top of the Customer Support Rep Group Relationship Synchronization Agent section. Then set the agent interval and save.

Using the Configuration Item Screen

Use the Configuration Item entry screen to create Configuration Item records and enter custom information, associate groups, and designate relationships to other configuration items. To access the Configuration Item entry screen, use the Configuration Item option on the Desktop menu.

Entering Configuration Item Details


The fields that appear on the Details tab will depend on the configuration of the selected configuration type.

The screenshot displays the 'Configuration Item' entry screen. At the top, there is a blue header bar with the title 'Configuration Item' and a lock icon. Below the header is a toolbar with icons for 'Save', 'Save and Close', 'Delete', 'Print', 'Counters', 'Work History', 'Correspondence', 'Meeting', 'Previous', and 'Next'. The main form area has a 'Name' field with the value 'Steve Johnson Workstati', a 'Type' dropdown menu set to 'Workstation', and a 'Source' field with the value 'Direct Entry'. Below these fields is a tabbed interface with tabs for 'Details', 'History', 'Custom Fields', 'Others To Notify', 'Groups', 'Relationships', and 'Attachments'. The 'Details' tab is active, showing fields for 'Owner' (Unassigned), 'Vendor' (Unassigned), 'Associated Item' (PC 14), 'Location' (Computer), 'Status' (Active), 'Maintenance' (4/30/2015), 'Warranty' (4/30/2015), 'Lease' (4/30/2015), 'Hours of Operation' (24/7), 'Comments' (Basic configuration installed.), and 'Description' (Workstation used by Steve Johnson when in the office.).

Name - Enter a name for the configuration item.

Source - "Direct Entry" will appear in this field if the item was created via the Configuration Item screen; "Auto Create" will appear if the item was automatically created via an agent in configuration.

Type - CMDB types are created in the Configuration module. The following fields can be configured to appear for each CMDB type:

Owner - Select a customer or support representative to assign to the configuration item. After an entry is made you can click the Information  icon to view the person's contact information and other details.

Vendor - Select from a list of customers, support representatives, or companies that have been designated as vendors in the applicable screen (Customer Profile, Support Representative Profile, or Company Profile).

Associated Item - If one or more associated items are configured for the CMDB type, click this link to associate a specific Asset, Company, Customer, Support Representative Profile record or a member of a customer or support representative group. You can utilize the data on an associated item for views, reports, and correspondence; for example, if a group is included on an associated asset record, you can send a correspondence to that group from the Configuration Item screen.

You can also associate a configuration item via the Associated Configuration Item field on the Miscellaneous tab in the Asset, Company, Customer, or Rep Profile screen.

If a configuration item was automatically created via an agent in the in configuration, an asset, company, customer, or support representative will appear in this field and "Auto Create" will appear in the Source field.

Location - This field is included for informational viewing and reporting; it is not related to the Location field on the Support Representative Profile and Customer Profile screens.

Status - Select the status to assign to the configuration item. In addition to status labels such as Active and Retired, status labels can designate stages in the life cycle of a configuration item (such as Designed, Ordered, Under Development, In Test, Implemented, In Production, and Under Maintenance).

Maintenance - Enter the date on which the maintenance contract ends. Expiration notifications may be configured to be sent before this date.

Warranty - Enter the date on which the warranty for the configuration item ends. Expiration notifications may be configured to be sent before this date.



Lease - Enter the date on which the lease for the configuration item ends. Expiration notifications may be configured to be sent before this date.

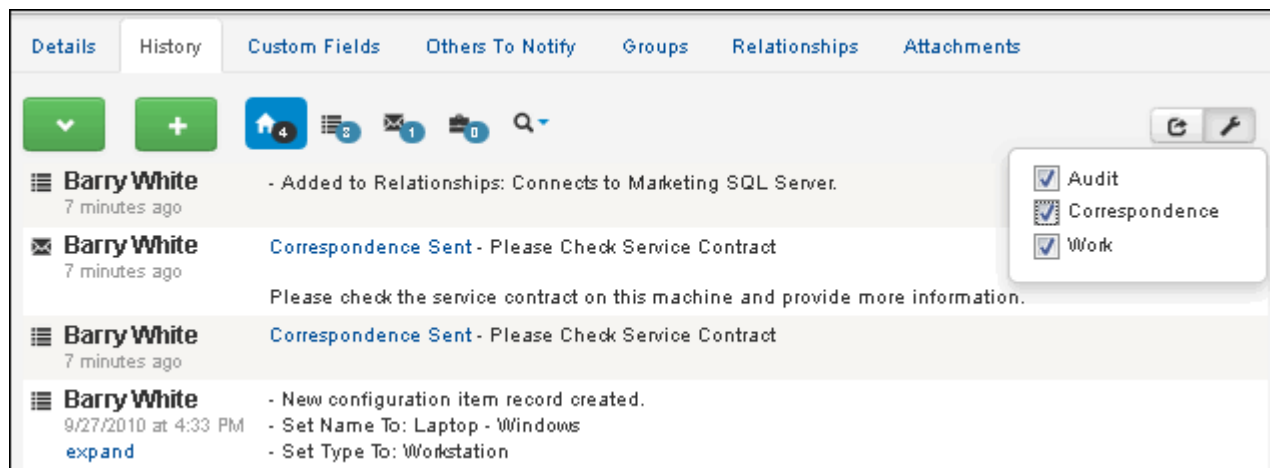
Hours of Operation - This field is used for informational viewing and reporting; it is not related to service contracts or rule group.





Comments - Enter any comments regarding the configuration item.

Description - Enter a description of the configuration item.

Adding Work History and Viewing History

Use the History tab to view notations on all configuration item actions. Click the Incident |  Add History icon or the Add Work History  icon in the History field.



- The Feed  option displays a list of all actions performed on the record; you can filter the content via the Settings  icon.
- The Audit  option includes entries on functions performed by the system and support representatives (for example, field changes), as well as correspondence entries. Work history entries are not included.
- The Correspondence  option displays entries for sent and received correspondence, including the subject line and body of the correspondence. The Correspondence Received and Correspondence Sent links display the Correspondence screen. Note that the Ref ID that appears on expanded correspondence entries is included for reference; it is used by iSupport's email processing engine.

Completing Custom Fields

If custom fields have been set up for the specified CMDB type and/or for the Configuration Item screen, the fields will appear in the Custom Fields section as shown in the example below. You may be required to enter information in these fields.

Details	History	Custom Fields	Others To Notify	Groups
Service Performed				
Hardware Replacement				
Budget Code				
22B				

Specifying Others to Notify

If enabled configuration, you can use the Others to Notify feature to set up a list of customers and/or support representatives to be sent event notifications and other correspondence. For example, notifications could be configured to be sent to a salesperson whenever the status changes for a configuration item.

To add someone to the Others to Notify list for a customer, click the Add link. Use the Remove link to delete anyone from this list.

Details	History	Custom Fields	Others To Notify	Groups	Relationships	Attachments
Add Remove						
<input type="checkbox"/>	Last Name ▲	First Name	Email	Company		
<input type="checkbox"/>	Jones	Bob	bj@example.com	LBLSoft, Inc.		

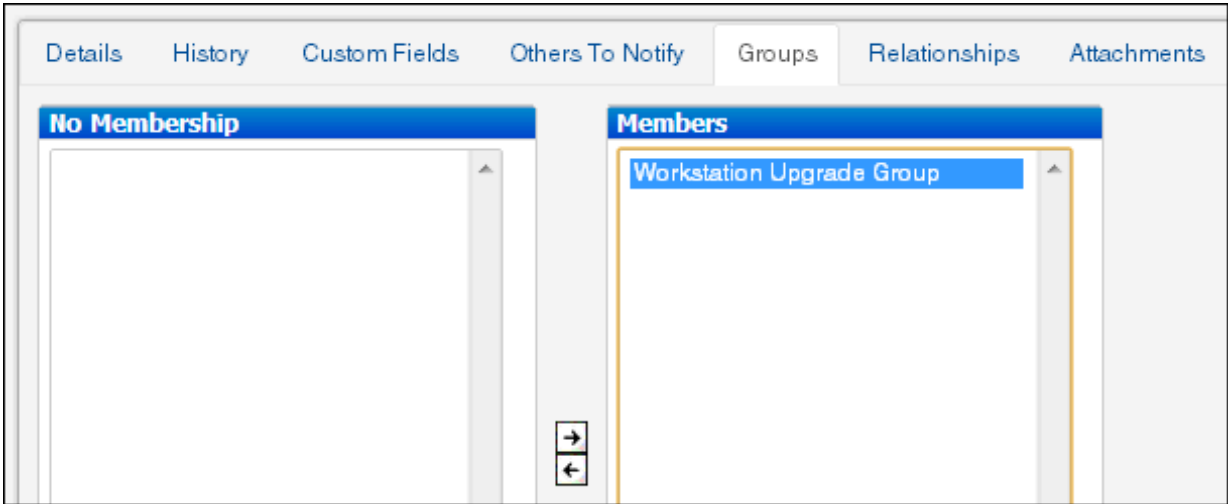
When you create a correspondence document from the CI screen or select a CI on the Desktop, you can choose to copy (CC) those in the selected Others to Notify list.



When event notifications are set up in the Configuration module, Others to Notify lists can be included in the To field or in the CC field. The Others to Notify list will be used for these system-generated notifications.

Assigning to Groups

CMDB groups associate a collection of CIs for access, views, and reports. CMDB groups may be configured to control access; only support representatives in the group will be able to edit CI records in the CMDB group (or any other CMDB record not included in a CMDB group).

Use the Groups tab in the Configuration Item screen to assign a CI to a CMDB group defined in configuration. After you add one or more groups and save, the CI will be available only to members of the selected groups.



No Membership/Membership - The No Membership field includes CMDB groups set up in the Configuration module. To assign the CI record to a group, select the group in the No Membership field and click the right arrow  icon. To remove the CI record from a group, select the group in the Membership field and click the left arrow  icon.

Assigning Relationships

Use the Relationships tab to select relationships (defined in configuration) and configuration items and to be associated with the current CI record.

Details History Custom Fields Others To Notify Groups Relationships Attachments		
Add Remove		
View Mode: <input checked="" type="radio"/> Table <input type="radio"/> Graphical		
<input type="checkbox"/> Related Item ▲	Type	Relationship
<input type="checkbox"/> Barry White Workstation	Workstation	Connects to
<input type="checkbox"/> Email Software	Software	Accesses
<input type="checkbox"/> Steve Johnson	Person	Used by

To add a relationship with another configuration item, click the Add link. Select the relationship and then select the configuration item to be associated with the current CI record.

Add Related Items

Relationship:

Used by - Uses

Name

Contains

*

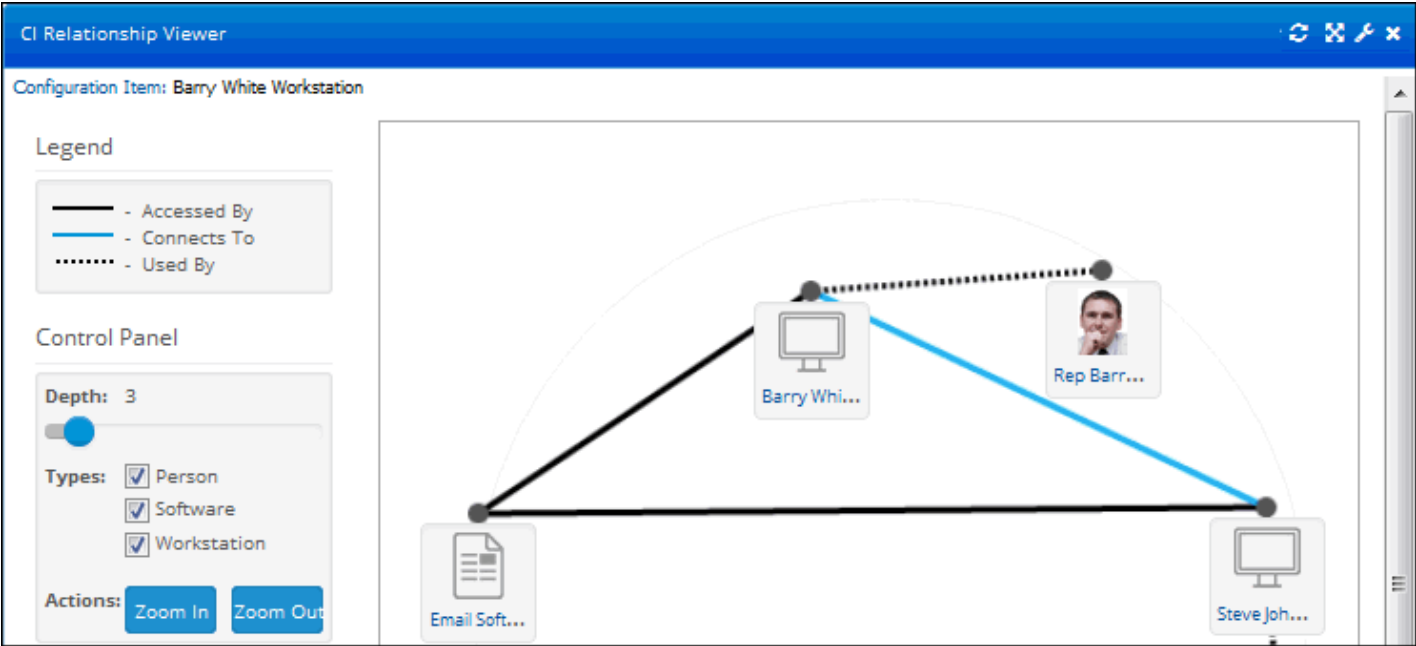
Search

Show All

☐ Search within results

<input type="checkbox"/> Name ▲	Type
<input type="checkbox"/> Alton Brown	Person
<input checked="" type="checkbox"/> Barry White Workstation	Workstation
<input checked="" type="checkbox"/> Email Software	Software
<input type="checkbox"/> Exchange Server 45	Mail Server
<input type="checkbox"/> Laptop - Windows	Workstation
<input type="checkbox"/> Macintosh Laptop	Workstation
<input type="checkbox"/> Marketing SQL Server	DB Server
<input type="checkbox"/> mktg-abrown	Workstation
<input type="checkbox"/> MS SQL Server	Software
<input checked="" type="checkbox"/> Steve Johnson	Person

You can select the Graphical option in the View Mode field to display the Relationship Viewer, which displays the configuration items related to a specified configuration item as shown below. You can click on a different configuration item icon to view its relationships, and refresh to go back to the original configuration item.



Sending Correspondence

To send an email from the Configuration Item screen, click the Correspondence icon. The Correspondence option in the History field displays entries for sent and received correspondence.

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