CM02: Worker Assignment

March 17, 2017

Change History

Release# or Date	CR# or Incident #	Change Description	Author(s)	Section Modified
	CR306 CR042 CR423	Changed the Name of Tickler to Task	FSFN Implementation Team	All sections containing the word “Tickler”
04/09/2013	CR306 CR042 CR423	For specific changes see the Desktop Navigation Functional Specification - sections 3.2.1, 3.2.3, 3.2.4, 3.2.5 http://fsfn.dcf.state.fl.us/ under the System Documentation group box.	FSFN Implementation Team	
06/27/2013		Updated Version to Support FSFN Release R3A System Attributes	FSFN Implementation Team	All Sections
9/23/2013	CR 420	Added sort by Regions and Circuits	FSFN Implementation	Section 1.2.1
11/12/2015		Updates resulting from Supported Platforms	Ibrahim Allison	Throughout
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2/11/2016		Supported Platforms Final Review	Nancy Weglinski	Throughout
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1.1 Introduction

CM02: Worker Assignment supports the creation of case and non-case related worker assignments in the context of business processes (i.e., case management actions). This topic provides a flexible structure to maintain worker assignment information and supports various business processes described below.

Worker Assignment functionality gives users the capability to create an assignment from the Cases, Providers, Workers, and Intakes data areas on the desktop. Categories, types, responsibilities, and roles define the structure of worker assignments. One case, provider, or intake may be assigned to more than one worker at any given point in time. This is accomplished through the use of the various assignment categories, functions, and roles. Depending upon the requirements of various business processes, the structures can be defined in such a manner to provide either generic or detailed assignment information.

The ability to create assignments is set at the user level through the configuration and assignment of job classes to users. The following description of assignment functionality is based on the assumption that the state will implement a typical application of job classes – giving assignment rights to the supervisor level.

Case assignments can be created in several ways:

- Assignments can be made automatically through the creation of some piece of work.
- Workers can create assignments from a business process page. This type of assignment creation prompts the user to create an assignment. Workers can make assignments only to supervisors and only when system prompted from a specific business process.
- Manual creation of assignments can occur when a supervisor needs to assign a case. Once the new assignment is successfully created, Florida Safe Families Network (FSFN) sends automated messages to notify appropriate persons that they have been assigned to a case. Further, FSFN allows the assigning supervisor to reassign selected tasks, if necessary.
- If a supervisor wishes to create case participant specific assignments, the supervisor can indicate a case participant assignment or reassignment, rather than assigning the entire case. In this situation, a supervisor must be assigned to a case participant or must be able to highlight a case participant specific assignment, in order to create another worker's assignment to the same case participant. A case participant assignment appears under the participant icon on the Participant view of the Cases tab of the Outliner.

FSFN aids supervisors in reassigning work. A reassignment of work means that one worker's assignment to a piece of work is closed at the same point in time that an assignment to the same piece of work is given to another worker. When performing a reassignment, FSFN uses the same category, function, and role from the old assignment to create the new assignment.

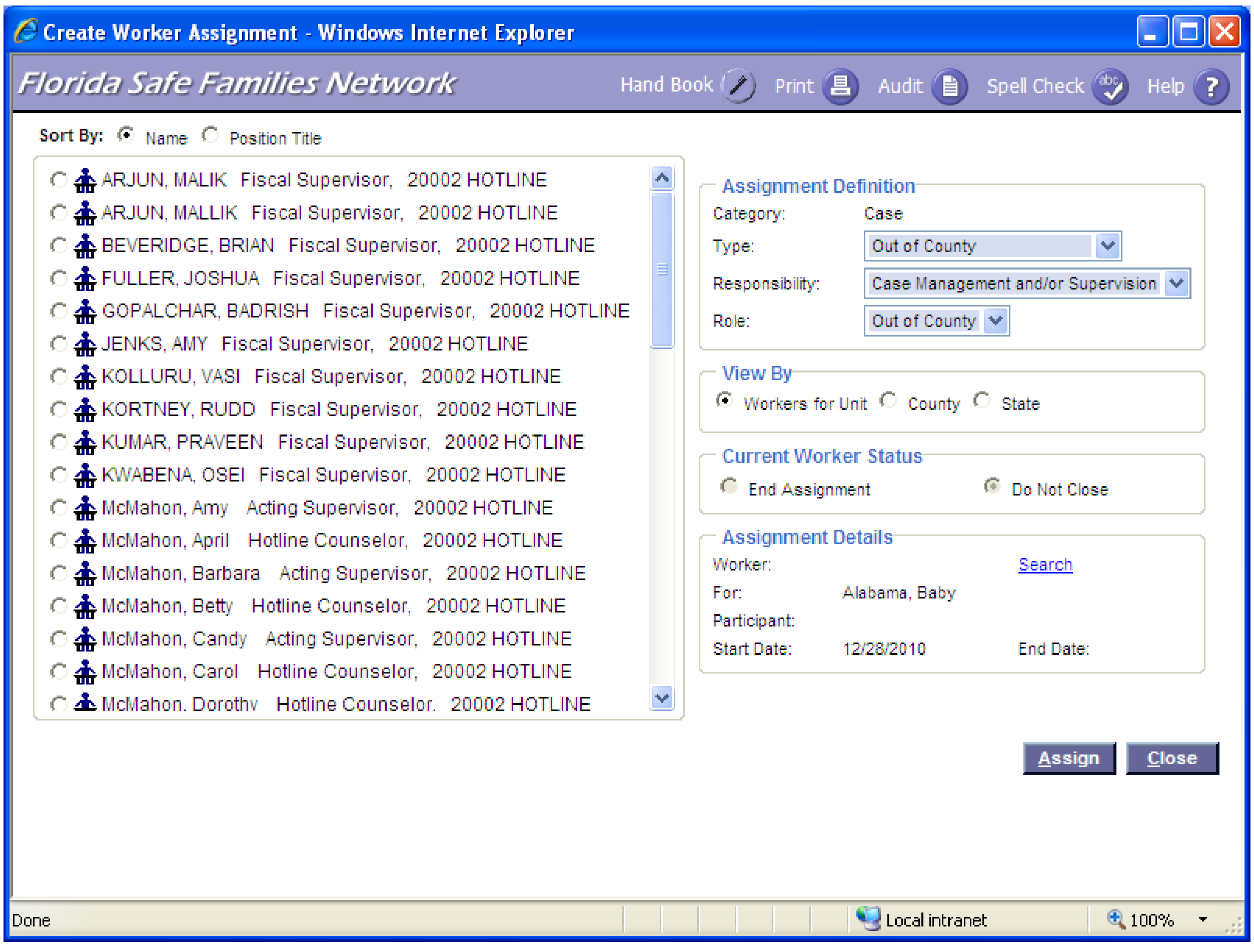
This can be used, for example, when a worker takes a leave of absence. The supervisor reassigns the case by accessing the Maintain Worker Assignment page for the existing assignment. Clicking the Reassign button causes FSFN to access the Create Worker Assignment page. FSFN pre-fills the category, function, and role automatically from the information on the existing assignment. The supervisor only needs to pick the worker to receive the reassigned work. Only supervisors can make reassignments. Reassignments can be made either for a single assignment or for all assignments (global reassignment) to a given worker. Workers can make assignments prompted by certain business processes but cannot use general reassignment functionality.

The Partial Reassignment page gives users with the appropriate security rights the capability to create partial caseload re-assignments within the same unit (worker has moved to part-time or cases need to be divided between different unit workers).

The Worker Assignment function gives authorized users with the appropriate security rights the capability to end an assignment manually. The manual ending of an existing assignment occurs in two ways. In the Create Worker Assignment page, supervisors can select the End Assignment radio button in the Current Worker Status group box. Similarly, on the Worker Assignment page, supervisors can select the End Assignment radio button in the Current Worker Status group box.

1.2 Pages

1.2.1 Page - Create Worker Assignment Pop-Up



1.2.1.1 Page Overview

This page can be accessed through the Worker Assignment Pop-Up page or directly by selecting the Create Assignment action on the Workers, Cases, Providers, or Intakes data area of the Desktop.

It is through the Create Worker Assignment Pop-Up page that the selection of an appropriate worker or supervisor for an assignment or reassignment is made. Work may be assigned from a supervisor to the workers that he or she supervises. With the correct security, supervisors can make assignments to workers that they do not supervise. It is recommended, however, that assignments outside a supervisor's unit, be made to the supervisor of the other unit.

Workers do not make assignments.

The Create Worker Assignment Pop-Up page contains several group boxes, an outliner on the left side of the page, and the Assign and Close buttons.

When any supervisory or management worker accesses this page, the Workers for Unit default view appears in the outliner, showing all the workers for that particular supervisor's unit. For each worker listed on the outliner, the user views the worker's name, position title, and the unit to which the workers belong.

The outliner can be sorted alphabetically by the workers' names or by their position titles. The order is determined by the choice of either the Name or the Position Title radio button under the "Sort By" heading.

The three radio buttons in the View By group box provide additional options to assist in choosing the appropriate worker for the assignment. If an authorized user (supervisor or manager) wishes to assign work to a supervisor outside the user's own unit, the user would switch to another outliner view by selecting the appropriate radio button in the View By group box. For example, a supervisor can use the County radio button to assign work to another supervisor who resides in the same or another county location. Workers may use the Workers for Unit radio button to assign an Intake to a supervisor for review. A supervisor can view supervisors throughout the State by selecting the State radio button.

When a supervisor or worker selects the appropriate outliner for viewing, the worker or supervisor to receive the new assignment is selected by selecting the radio button next to the worker's name. The tab that was used to create the assignment always defines the category field. The supervisor can however define the appropriate type, responsibility, and role for a worker's assignment. In making these selections, he or she must first choose the type from the drop down list box, then the responsibility, and finally the role. This ordering is required because the Type choice determines the filtering of available choices for Responsibility, and in turn, Responsibility determines the choices for Role.

When a single assignment is reassigned to another worker, the original assignment is closed. In this case, all tasks that belonged to the original worker will be automatically routed to the recently assigned worker. In some cases, however, the supervisor needs to keep the case open to two or more workers for units sharing responsibility. In order to achieve this, the supervisor needs to create a new assignment, and keep the current assignments open as well. If the supervisor creating the assignment does not close the existing assignment, the Task Reassignment pop-up appears. This pop-up allows the supervisor to choose those tasks that need to be redirected to the new worker and those that are to remain on the Task tab of the original worker.

When the supervisor clicks the Assign button, the system checks to see if an incomplete approval chain exists for the worker whose assignment is being closed. When an incomplete approval chain exists, a message box is displayed stating the following: "Pending approvals exist for this worker. Approval process must be completed before assignment can be closed."

The assignment closure process terminates allowing the supervisor and worker to complete outstanding approvals. If no incomplete approval chains exist, the assignment is completed. In addition, an e-mail message is automatically generated by the system and sent to the assigned worker, notifying the worker of a new assignment. A separate e-mail is sent to the worker if their assignment is closed for the case.

To reassign all assignments of a particular worker, the Worker Assignment Pop-Up page needs to be accessed. This page is discussed further in section 1.2.3. Page – Worker Assignment Pop Up. This page can be accessed in two ways: 1) the page can be accessed by selecting on the Assignment link under a case or provider on the Cases or Providers data area of the outliner or 2) by selecting a worker on the Workers data of the outliner, selecting to see their assignments, and selecting the Assignment link.

By selecting the Reassign All button, the Global Reassignment Pop-Up page appears. The Global Reassignment Pop-Up page is identical to the Create Worker Assignment Pop-Up page. When a supervisor selects the appropriate outliner for viewing, the worker or supervisor to receive the new assignment is selected by selecting the radio button next to the appropriate worker's name.

When all assignments for a worker are being reassigned, via the "Reassign All" button on the Worker Assignment Pop-Up page, all of the original assignments will be closed for the original worker. The supervisor does not have the option of choosing to leave the assignments open for the original worker. Any tasks assigned to the original worker will be transferred to the new worker via an overnight batch process. Once the supervisor selects the Assign button, all documents will be transferred to the new worker via a batch process. A single e-mail message will be sent to the original worker and to the new worker informing them of the reassignment.

After an assignment is created, the newly-assigned worker will see the case or provider under the appropriate expando on the desktop, and the worker's supervisor will see the worker's caseload under the Worker expando from the Supervisor's desktop. An active assignment to a case or a provider allows a worker to create or update work associated to that case or provider, in accordance with that worker's security access to specific pages. The worker's supervisor also inherits create and update access to the worker's assigned cases and providers by navigating to cases listed under each worker through the Worker expando, if the worker owns the Primary assignment to the case or provider.

1.2.1.2 Page Information

Group Box	**No label**	
Fields	Sort By	Radio buttons that sort outliner of workers by name or position title in an alphabetical order; default value is "Name." Radio buttons are mutually exclusive.
Group Box	**Outliner**	
Fields	None	The outliner is a field which allows the Supervisor to view all of the workers within their unit, based on the View By criteria. For each worker, name, position title, and unit are displayed.
Group Box	**Assignment Definition**	
Fields	Category	Highest level categorization for a worker assignment; values are case, provider, or intake; the category is always defined by the calling page; system derived; required field.
	Type	Specific job description of work to be assigned; the worker selects the appropriate type description from the drop down; this field must be completed before responsibility or role can be selected; system derived; required field.
	Responsibility	The area of responsibility assigned to the particular type of worker. The worker selects the appropriate responsibility description from the drop down; this field must be completed after type and before role; user selected drop down; required field.
	Role	The specific role assigned within area of responsibility; the worker selects the appropriate category description from the drop down; this field must always be completed after type and responsibility for the assignment to be determined; user selected drop down; required field.
Group Box	**View By**	
Fields	Workers for Unit	View of workers within supervisor's unit; default position; user selected radio button.
	County	View of supervisors within County offices; user -selected radio button.

	State	View of supervisors within State offices; sorted by Regions and Circuits, user-selected radio button.
Group Box	**Current Worker Assignment**	
Fields	End Assignment	When selected, the assignment is closed to the presently assigned worker after assignment; selecting this button fills the End Date field with the current date; user selected radio button.
	Do Not Close	When selected, the assignment remains open to the presently assigned worker after assignment; user selected radio button.
Group Box	**Assignment Details**	
Fields	Worker	The name of a newly assigned worker or supervisor from the outliner to this field; user selected.
	For	The case or provider name; values are system derived from the previous page; system derived.
	Participant	The case or for whom the case is being assigned; if no participant was selected from the Outliner, this field is disabled; system derived.
	Start Date	The current date; when the new worker assignment is started, the current processing date fills this field and is stored in the assignment record; system derived.
	End Date	The end date of the assignment; the default is set to null; system derived.
Options	None	
Links	Search	Launches Worker search page
Buttons	Assign	Clicking this button indicates that the assignment is complete. Appropriate automated messages are sent to the newly assigned workers and to the previously assigned workers if their assignments have been closed or reassigned.
	Close	Standard Close processing.

1.2.1.3 Background Processing

- The system performs the following steps to retrieve the necessary data:

- The ID of the case/provider/intake for which the assignment is being created is passed to the Create Worker Assignment Pop-Up page from Cases/Providers/Intakes outliner when the user selects the Create Assignment action. The ID of the case/provider/intake for which an assignment exists is passed in from either the Cases or Providers outliners when the user clicks on the case/provider, selects the Assignment link from the outliner on the existing case/provider assignment name.

Sort By:

- The Sort By radio buttons are mutually exclusive.

Outliner:

- When any supervisory or management worker accesses this page, the Workers for Unit default view appears in the outliner, showing all the workers for that particular supervisor's unit. For each worker listed on the outliner, the user views the worker's name, worker's current caseload, and worker's position title.
- The outliner can be sorted alphabetically by the workers' names or by their position titles. The order is determined by the choice of either the Name or the Position Title radio button under the Sort By heading.

Assignment Definition:

- If the case represents a case participant, then the ID of that person is passed into the page and the name of that case participant is passed into the Participant field in the Assignment Details group box. Please note that, in order to reassign all assignments from one worker to another, only a single case or provider assignment needs to be accessed to proceed.
- If the assignment responsibility is not already passed into the page, the user makes the appropriate selection from the drop down list.
- The Category field will always be pre-filled with "Case," "Provider" or "Intake" values as defined by the calling page when the Create Worker Assignment Pop-Up page is accessed.
- The Type, Responsibility, Role, and Worker fields are required fields that need to be completed before an assignment can be generated.
- The Type, Responsibility, and Role fields cannot be overridden by the user when derived from the system.
- For the Type field, the worker selects the appropriate type description from the drop down list box.
- For the Responsibility field, the value is either pre-filled into the page based on initial

case assignment or the worker selects the appropriate type description from the drop down list box. The value selected in the "Type" field will determine the selectable values in the responsibility field.

- For the Role field, the value is either pre-filled into the page based on initial case assignment or the worker selects the appropriate type description from the drop down list box. The value selected in the "Responsibility" field will determine the selectable values in the role field.
- When making 'Global Reassignments', the Category; Type; Responsibility and Role field will be pre-filled on the "Global Reassignment" Pop-Up page.

View By:

- The radio buttons in the "View By" group box are mutually exclusive.

Current Worker Status:

- The Current Worker Status group boxes are mutually exclusive.
- Selecting the End Assignment button fills the End Date field with the current date.

Assignment Details:

- The Worker field in the Assignment Details group box is pre-filled when the radio button next to the outliner item is selected.
- The Participant field in the Assignment Details group box is system derived. If no participant was selected from the outliner, this field will be disabled.
- Upon initial assignment, the system enters the current date into the Start Date field and into the Assignment table.
- The Workers for Supervisor field is only enabled for supervisors.

1.2.1.4 Save Processing

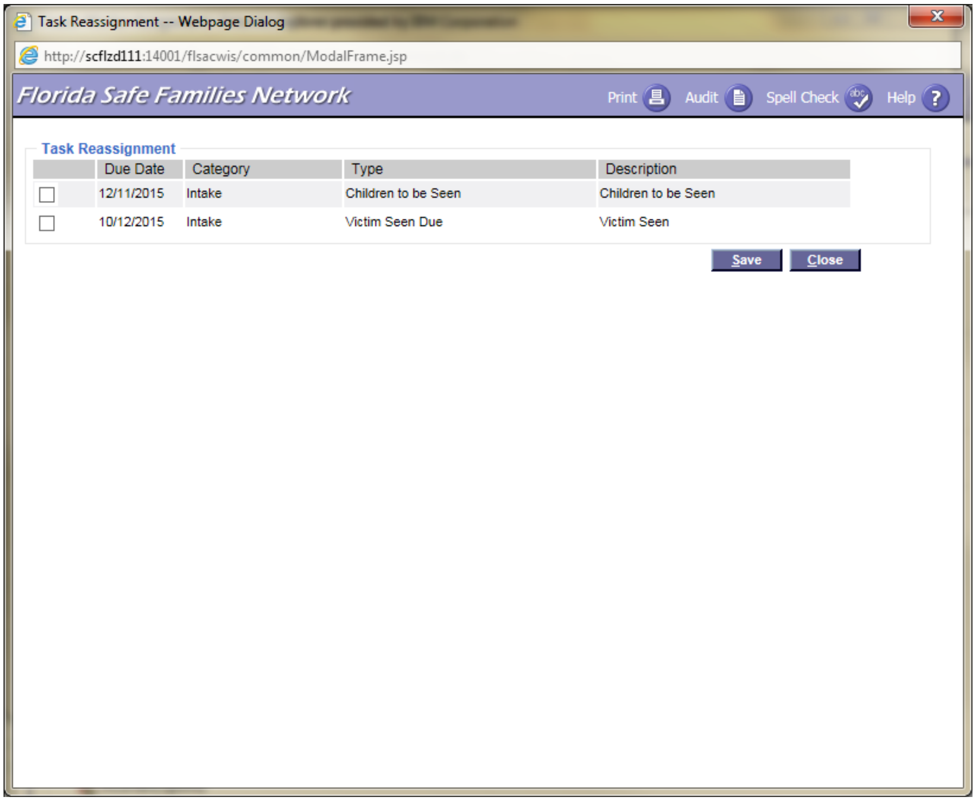
- If the Current Worker Status is set to Do Not Close and the Assign button is selected, an assignment to the new worker is made while keeping the assignment to the original worker open. A new assignment record is created on the assignment table with the ID of the new worker.
- If the Current Worker Status is set to End Assignment and the Assign button is selected, the system must look to see if an incomplete approval chain exists for the worker whose assignment is being closed. The assignment closure process terminates allowing the supervisor and worker to complete outstanding approvals. If no incomplete approval chains exist, the previous worker's assignment is closed; and a new assignment record is created after the original worker's assignment is closed.

- When reassignments are made to other workers, and the Current Worker Status is set to End Assignment, the system must look to see if there are any tasks that correspond to the work that is being reassigned. If the system finds that such tasks do exist, the system looks for any task whose worker ID and case work or provider work association are the same as those found on the assignment that is being reassigned to another worker. These tasks are eliminated for the previous worker and recreated for the newly assigned worker.
- When new assignments are made to other workers and the Current Worker Status is set to Do Not Close, the Task Reassignment Pop-Up page appears. This allows the supervisor to select which tasks are to be sent to the newly assigned worker.
- Messaging is invoked to send e-mail messages to those workers who have been assigned, reassigned, or whose assignment has ended to the work. If the Reassign All option is selected, both the original worker and the new worker receive a message informing them about the reassignment.
- The Assign button triggers various updates to the FSFN database. A worker assignment is created or updated based on the actual assignment, and a record is created in the assignment table that documents the assignment or reassignment of work. After closing the response page, the supervisor returns to the last activated page from where a request was made or back to the Worker Assignment Pop-Up page where a request was made to reassign work.
- Although the worker's supervisor does not receive an actual assignment when this record is created (i.e., no row is written for the supervisor in the assignment table), the supervisor inherits create and update rights to cases using the following processing logic: When the supervisor clicks on the Worker expando from the supervisor's desktop and selects a case or provider from a worker's caseload, the system performs a check to determine if the worker's assignment role is equal to Primary. If this condition is met, the supervisor may perform create and update actions on the case or provider in accordance with the supervisor's security rights to specific resources. If the worker's assignment role is not equal to Primary, the supervisor is able to view, but not to create or update, associated records. Note: Worker's Unit Supervisor will only be given automatic assignment if worker's assignment is Primary. If worker's assignment is secondary and Unit Supervisor needs to update the case, the Unit Supervisor needs to self-assign to case.
- After closing the response page, the supervisor returns to the last activated page from where a request was made or back to the Worker Assignment Pop-Up page where a request was made to reassign work.
- Upon ending of an assignment, the system enters the current date into the End Date field as well as into the Assignment table.

- When processing a Reassign All, a single Online Trigger row is written and used during a nightly batch process b-cm02-reassignment.cb1. The online trigger later causes task reassignment.

1.2.1.5 CRUD Matrix

Table Name	Create	Read	Update	Delete
ASSIGN_CATEGORY		X		
LOCATION		X		
ONLINE_TRIGGER	X			
TASK	X	X	X	X
PERSON		X		
WORKER		X		
ASSIGNMENT	X	X	X	
CODE_DESC		X		
APPROVAL		X		



1.2.2 Page - Task Reassignment

1.2.2.1 Page Overview

A case or provider may have multiple workers assigned to it. When a secondary worker assignment is made to a case or provider, FSFN checks to see if the currently assigned worker has any tasks linked to this case or provider. If the currently assigned worker has task(s) for the case or provider, the Task Reassignment page appears automatically. This page displays all of the tasks currently linked to this case or provider. From this page, the user selects the tasks to be redirected to the newly assigned worker. If the existing worker assignment is ended, the Task Assignment page does not appear and all existing tasks are automatically routed to the newly assigned worker.

All tasks associated with the case or provider are displayed on this page. The tasks are sorted in reverse chronological order by due date. Each entry contains the due date, category, type, and the description.

The user selects all the tasks that are to be reassigned to the secondary worker and then clicks

Save. The selected tasks are redirected to the My Tasks Calendar on the new worker's Desktop. All tasks retain their original due dates when reassigned. When a worker's assignment ends, the tasks associated with that worker are passed to the newly assigned worker automatically.

1.2.2.2 Page Information

Group Box	**Task Reassignment**	
Fields	Due Date	The date by which a piece of work must be completed (e.g. Eligibility Determination Due Date); system derived
	Category	General category of the task; system derived
	Type	Specific task type; system derived
	Description	Detailed description of the task; system derived
Options	None	
Links	None	
Buttons	Save	Standard save processing.
	Close	Standard close processing.

1.2.2.3 Background Processing

- All tasks associated with the case are displayed on this page.
- Select from the TASK table where TASK.id_case or TASK.id_prvd_org (depending on category of assignment) = the ID passed from the Create Worker Assignment page.
- The tasks are sorted in reverse chronological order by due date (order by TASK.dt_due (*desc*)).

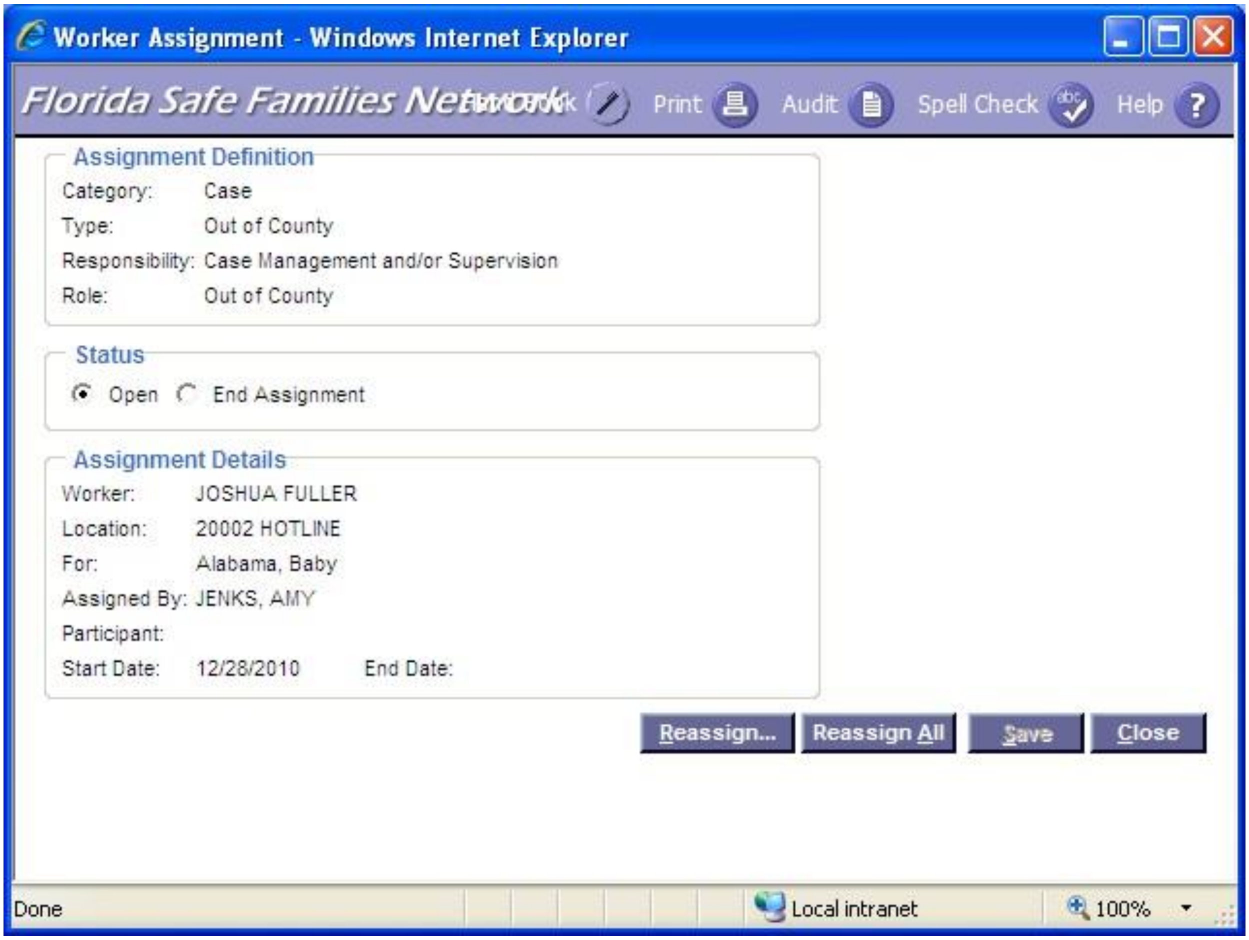
1.2.2.4 Save Processing

- Upon saving, the Task table is updated with the ID of the worker selected to receive the task. Update TASK table: set TASK.id_prsn_wrkr = CASE_ASSIGN/PROVIDER_ASSIGN.id_wrkr of worker selected from the Create Worker Assignment page.
- The Task Reassignment operation can be cancelled by clicking the Close button on the page. When this button is clicked no updates are made to the database, the page is closed, and control is returned to the calling page.

1.2.2.5 CRUD Matrix

Table Name	**C**reate	**R**ead	**U**pdate	**D**elete
TASK		X	X	
CATEGORY_TYPE		X		

1.2.3 Page - Worker Assignment Pop-Up



1.2.3.1 Page Overview

The Worker Assignment Pop-Up page is accessed in two ways: 1) By selecting the Assignment icon under a case or provider on the Cases or Providers expando of the outliner, which will display a second level showing all assignments for the case or provider, and then by selecting a case or provider assignment; or 2) For supervisors, by selecting a Worker icon under Workers expando of the outliner. This displays all workers for whom the worker is a supervisor and all providers and cases to which the worker has an assignment. Supervisors can then select the Actions hyperlink for a case or provider, then select the Assignment Maintenance radio button, and click Continue on the Actions page. For cases to which the worker has an assignment, supervisors can follow the steps listed in #1 above.

The Worker Assignment Pop-Up page allows both workers and supervisors to view existing assignments. The Worker Assignment Pop-Up page always pre-fills with the Category, the Worker Name, and the Case Name.

Workers and supervisors may use this page when they want to review the assignments of other workers who are actively (or previously) involved in a case. The Reassign and Reassign All buttons are not enabled for workers, and workers are unable to activate the End Assignment radio button. Upon clicking the Close button, a worker is returned to the Outliner.

This page allows supervisors to:

1. View worker assignment information.
2. Manually end a worker assignment.
3. Access the Create Worker Assignment Pop-Up page so that a single assignment, or all assignments, to a given worker can be reassigned to another worker.

If the supervisor is only viewing an assignment, the supervisor is returned to the Desktop after clicking the Close button. When the supervisor wishes to end an assignment, the supervisor selects the End Assignment radio button and clicks the Save button. The system checks to see if an incomplete approval chain exists for the worker whose assignment is being closed. When an incomplete approval chain exists, a message box is displayed stating the following: “Pending approvals exist for this worker. Approval process must be completed before assignment can be closed.” The assignment closure process terminates, allowing the supervisor and worker to complete outstanding approvals. If no incomplete approval chains exist, the assignment closure process completes. The supervisor is not allowed to manually end the last assignment on a case. If there are tasks associated with the work assignment being ended, then the Select Worker for Task Reassignment Pop-Up page appears and the supervisor may choose which worker to assign the tasks that are currently assigned to the worker whose assignment is being ended.

If the supervisor wishes to make a reassignment, the supervisor may select the Reassign command button to assign the work to another worker. The Reassign command button brings the user to the Create Worker Assignment Pop-Up page. Alternatively, the supervisor can click the Reassign All button to reassign all assignments of one worker to another worker. If the supervisor needs to partially reassign a worker’s case load or reassign a worker’s case load between many workers, the supervisor launches the Partial Reassignment page from the Utilities drop down menu.

In the case of a reassignment, all tasks that belong to the original worker are automatically routed to the newly assigned worker.

When assignments for a worker are being reassigned by clicking the Reassign All button on the Maintain Worker Assignment page or through the Partial Reassignment page, assignments to the original worker will be ended. Any tasks assigned to the original worker will be transferred to the new worker. An automated message is sent to the original worker and to the new worker informing them of the reassignment. The Reassign All functionality reassigns all of one user's assignments to another individual user. It cannot split one worker's assignment load across several new workers. If the original assignment load needs to be split across several workers, the supervisor needs to launch the Partial Reassignment page.

1.2.3.2 Page Information

Group Box	**Assignment Definition**	
Fields	Category	Highest level categorization for a worker assignment; system derived from the Assignment table
	Type	Specific job description of worker assigned; system derived from the Assignment table
	Responsibility	The areas of responsibility assigned to the particular type of worker; system derived from the Assignment table
	Role	The specific role assigned within the area of responsibility; system derived from the Assignment table
Group Box	**Status**	
Fields	Open, End Assignment	The status of the existing assignment defaults to Open; End Assignment selected ends the assignment for the current worker; user selected; depicts end date; mutually exclusive radio buttons.
Group Box	**Assignment Details**	
Fields	Worker	The name of the worker assigned to the case or provider; system derived from the Assignment table
	Location	The location of the worker; system derived from the Location table
	For	The case or provider name; values fed from the previous page; system derived
	Assigned By	The name of the user who created the assignment; system derived
	Participant	The case participant for whom the case is being assigned; system derived from the Case Participant table if the participant is selected in the Outliner; if no participant selected, field is disabled

	Start Date	The assignment start date.
	End Date	The assignment end date.
Options	None	
Links	None	
Buttons	Save	Standard save processing.
	Close	Standard close processing.
	Reassign	Opens the Create Worker Assignment page.
	Reassign All	Opens the Create Worker Assignment page to reassign all assignments from one worker to another.

1.2.3.3 Background Processing

- When the user selects on the Assignment link under a case or provider on the Case or Provider tabs of the Outliner, the case or provider ID and category are passed to the Maintain Assignment page. The user can also open this page and pass in the case or provider ID and category from the Actions page when selecting a worker's assignment from the Worker tab of the Outliner.
- Users cannot modify the assignment definition or assignment details through this page. The Reassign and Reassign All command buttons and Status radio buttons are disabled unless the user has supervisor status.
- The Category, Type, Responsibility, and Role fields will be pre-filled. These fields are pre-filled based on the values already contained in the assignment. These fields are not modifiable by the user.
- For Participant: If the assignment highlighted represents a case participant, then the ID of that person is passed into the page and the name of that participant is passed into this field. The participant's name is derived from the PERSON table. This field is not modifiable by the user.
- Assigned By: The ID of the person who made the assignment is passed during the background processing procedure. In this process, the person's ID in the ASSIGNMENT table is passed to the PERSON table and the name of the person is then displayed within the application.
- Reassign Processing: The Reassign process is initiated when the user selects the Reassign button on the Maintain Worker Assignment page. When a "Reassign" action is being processed, the system must look to see if an incomplete approval

chain exist for the worker whose assignment is being closed. If an incomplete approval chain exists, a message box could be displayed stating, "Pending approvals exist for this worker. Approval process must be completed before an assignment can be closed." The assignment closure process terminates allowing the supervisor and worker to complete outstanding approvals.

If no incomplete approval chains exist, the system then determines to see if there are any tasks that correspond to the work that is being reassigned. The system looks for any tasks that belong to the worker whose assignment is ending and to the case or provider being reassigned. The tasks associated with the previous worker are deleted and are recreated in association with the newly assigned worker. If a worker has made an initial reassignment of work then makes another assignment to yet another worker the following edit message could displays: "This worker's assignments have already been reassigned to [worker name]. Are you sure you want to reassign them to the current worker selected?"

- Reassign All Processing: The Reassign All process is initiated when the user clicks the Reassign All button on the Maintain Worker Assignment page. The edit message "You are about to Reassign All your cases. Do you want to continue?" displays. When processing a Reassign All, the system looks to see if an incomplete approval chain exists for the worker whose assignments are being ended. If an incomplete approval chain exists, a message box is displayed stating the following: "Pending approvals exist for this worker. Approval process must be completed before assignment can be closed." The assignment ending process terminates allowing the supervisor and worker to complete outstanding approvals. If no incomplete approval chains exist, then a single Online Trigger row is written. The online trigger (1003) will later be used in the Global Reassignment batch process for task reassignment. Please note that in order to reassign all assignments from one worker to another, only a single case or provider assignment needs to be accessed to proceed. Messaging is invoked to send automated messages to those workers who have been assigned, reassigned, or whose assignment has ended for the work. If the Reassign All option is selected, both the original worker and the new worker receive a message from the batch program informing them of the reassignment. If a worker attempts to reassign the work to the same worker who already has the assignment, a message box is displayed stating the following: "Cannot reassign all of the worker's assignments to themselves."

1.2.3.4 Save Processing

- If the End Assignment radio button is selected and the Role is not Primary, the system checks to see if an incomplete approval chain exists for the worker whose assignment is being closed. If an incomplete approval chain exists, a message box could display indicating the approval process must be completed before the assignment can be closed. The system checks to see if there are tasks associated with the worker whose assignment is being closed. If tasks are found, the Select Worker for Task Reassignment Pop-up Page is accessed (Do not close assignment until tasks are moved).

  - The system checks to make sure that there is another assignment to the piece of work.
  - If no other assignment record is found, post an error message stating that the last assignment to a piece of work cannot be closed.
  - When all edits are passed, the Assignment table is updated by pre-filling the dt_end with the current date.

- If the End Assignment radio button is selected and the Role is Primary, the system checks to see if an incomplete approval chain exists for the worker whose assignment is being closed. If an incomplete approval chain exists, a message box displays indicating the approval process must be completed before the assignment can beended.
  - Display a message box stating "When closing a primary assignment, a new primary assignment must be created. Do you want to continue?"
  - If the user indicates No, return user to Maintain Worker Assignment Page, with Status radio button re-set to Open.
  - If the user indicates Yes, access the Create Worker Assignment page (setting Role to default of Primary and disabling the field).
  - Case assignments that have been ended are saved to the Assignment table.

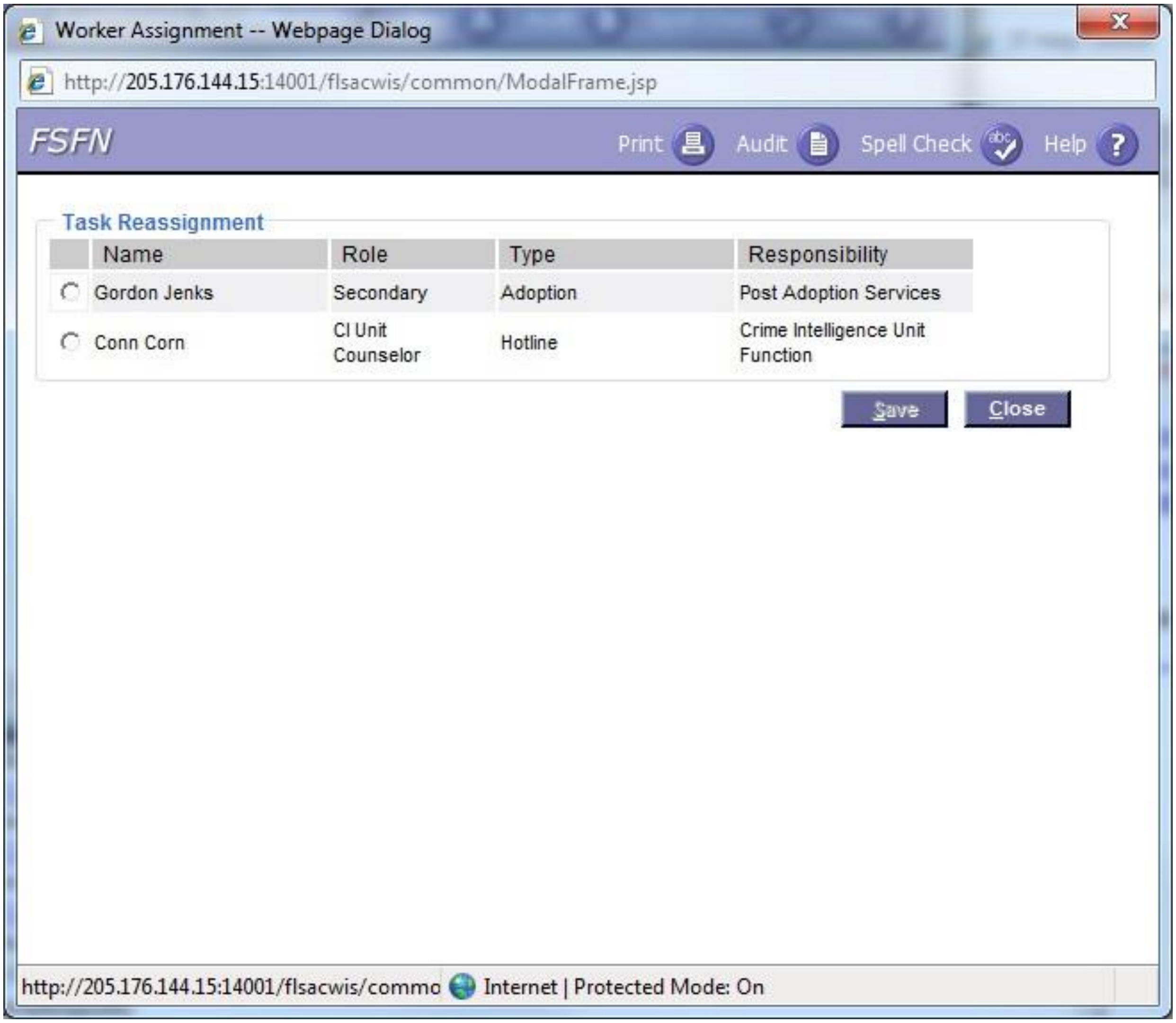
1.2.3.5 Close Processing:

- The Maintain Worker Assignment operation can be cancelled by clicking the Close button on the page. When this button is clicked, no updates are made to the database, the page is closed, and control is returned to the calling page.
- All necessary information is retrieved from the Case or Provider so that the FSFN pre-fills all possible fields; i.e., Category, Type, Responsibility and Role fields, as well as Worker, Location, For, and Participant (if a case specific participant assignment) fields. Depending on the opening case assignment method, some fields may not be pre-filled.

1.2.3.6 CRUD Matrix

Table Name	Create	Read	Update	Delete
LOCATION		X		
PERSON		X		
WORKER		X		
ASSIGNMENT		X	X	
CASE_MASTER		X		
TASK		X		

1.2.4 Page- Worker Assignment



1.2.4.1 Page Overview

This page is activated when a supervisor manually ends an assignment by selecting the End Assignment radio button in the Status group box on the Worker Assignment page. The activation takes place only when one or more tasks are associated with the assignment being closed.

This page provides a list of all workers who are currently assigned to the case or provider. The supervisor can select the worker to whom all tasks associated with the manually ended assignment are to be assigned by highlighting the worker. The tasks will be directed to the new worker who was selected and will appear on that worker's Desktop (My Tasks Calendar). If the Save button is clicked, all tasks associated with the manually ended assignment will be transferred to the designated worker. If the user clicks the Close button, the page closes and cancels the initiation of the end assignment process. The user would need to reassess the Maintain Worker Assignment if ending the assignment is desired.

1.2.4.2 Page Information

Group Box	**Task Reassignment**	
Fields	Name	Names of other workers also assigned to the case, provider, or participant being manually closed.
	Role	The role assigned to each of the other workers assigned to the case, provider or participant being manually closed.
	Type	Specific job description of worker assigned.
	Responsibility	The areas of responsibility of the workers assigned to the case; provider or participant for the manually ended assignment.
Options	None	
Links	None	
Buttons	Save	Standard save processing.
	Close	Standard close processing.

1.2.4.3 Background Processing

- All assignments to the same case or provider associated with the assignment just ended are retrieved.
- The Worker Name associated with each retrieved assignment record is retrieved.
- All escalated tasks are deleted and all tasks associated with the manually ended assignment are reassigned to the selected worker.
- When the Close command button is selected, no database activity, including the ending of the assignment, is performed.

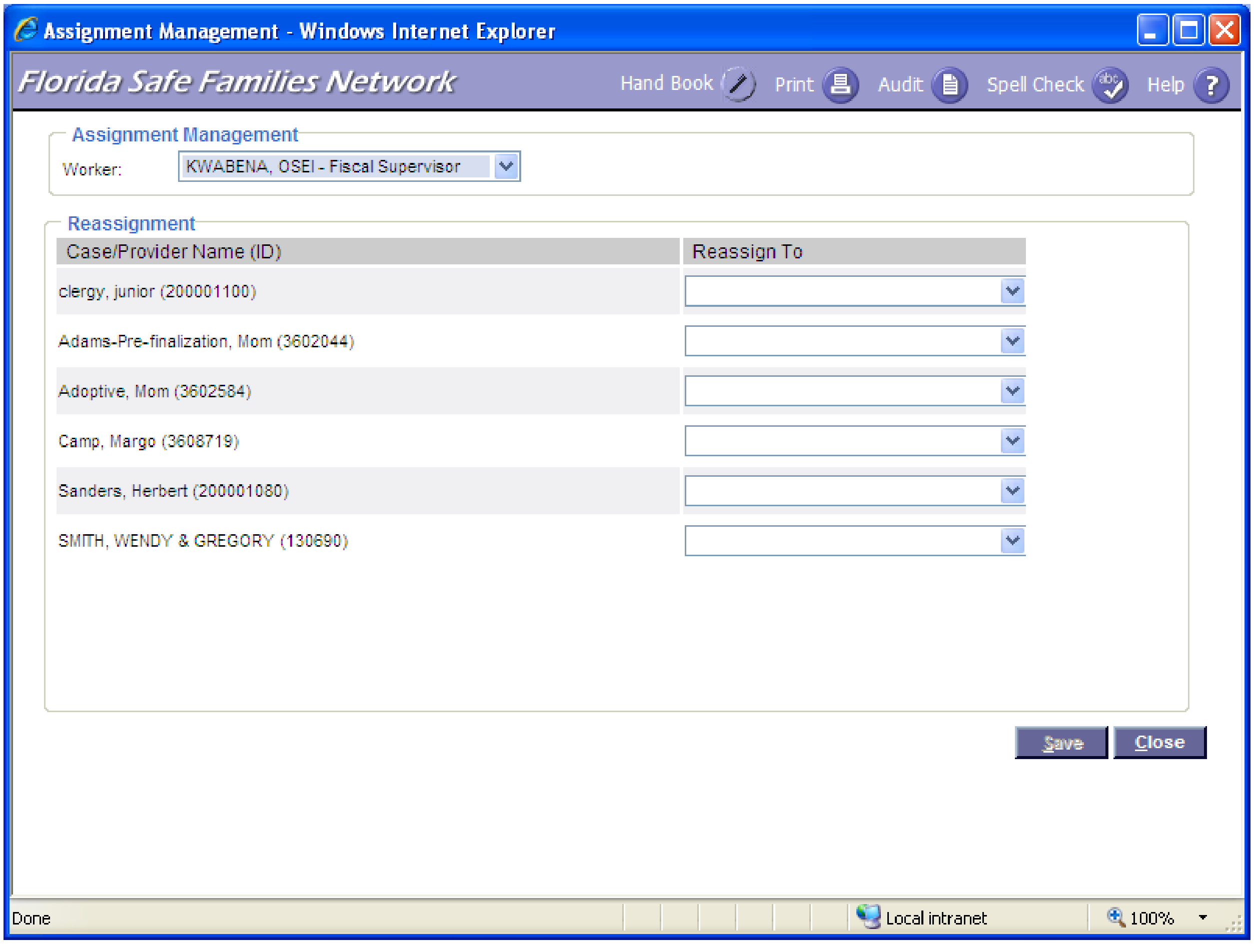
1.2.4.4 Save Processing

- All escalated tasks are deleted, and all tasks associated with the manually ended assignment are reassigned to the selected worker.

1.2.4.5 CRUD Matrix

Table Name	Create	Read	Update	Delete
ASSIGNMENT	X	X	X	
PERSON		X		
TASK	X	X	X	X
ONLINE_TRIGGER				X

1.2.5 Page – Partial Reassignment



1.2.5.1 Page Overview

The Partial Reassignment page is accessed through the Utilities menu by selecting Assignment Management. This page is used to complete reassignments within the same unit only; therefore, the page displays all workers within the supervisor's unit.

It is through the Partial Reassignment page that supervisors can reassign part of a worker's case load or reassign the worker's entire case load to different workers within the unit.

Upon launching this page, the user can select the appropriate worker that requires the reassignments. Once the worker is selected, all assigned cases and providers for that worker are displayed. The supervisor is then able to select the worker to be reassigned the case or provider.

Once all reassignments have been completed, the supervisor clicks the Save button and all reassignments are completed.

1.2.5.2 Page Information

Group Box	**Assignment Management**	
Fields	Worker	Names of workers within the supervisor's unit; user selected drop down field; required field.
Group Box	**Reassignment**	
Fields	Case/Provider Name (ID)	Name and ID of the cases and/or providers assigned to the worker selected from the worker field; system derived.
	Reassign To	Names of workers within the supervisor's unit; user selected drop-down field; not required.
Options	None	
Links	None	
Buttons	Save	Assigns selected case or provider to reassigned worker; ends the assignment of the originating assigned worker.
	Close	Standard Close processing.

.

1.2.5.3 Background Processing

- When a worker is selected from the Worker drop down field, the selected worker's assigned cases and providers are listed for reassignment.
- When a "Reassign" action is being processed, the system must look to see if an incomplete approval chain exist for the worker whose assignment is being closed. If an incomplete approval chain exists, a message box is displayed stating the following: "Pending approvals exist for this worker. Approval process must be completed before assignment can be closed." The assignment closure process terminates allowing the supervisor and worker to complete outstanding approvals.

  If no incomplete approval chains exist, the system then looks to see if there are any tasks that correspond to the work that is being reassigned. The system looks for any tasks that belong to the worker whose assignment is ending and to the case or provider being reassigned. The tasks associated with the previous worker are deleted, and are recreated in association with the newly assigned worker.

1.2.5.4 Save Processing

Clicking the Save button triggers various updates to the FSFN database. The originating worker's assignment is ended, another worker is reassigned to the case or provider, and a record is created in the assignment table that documents the reassignment of work.

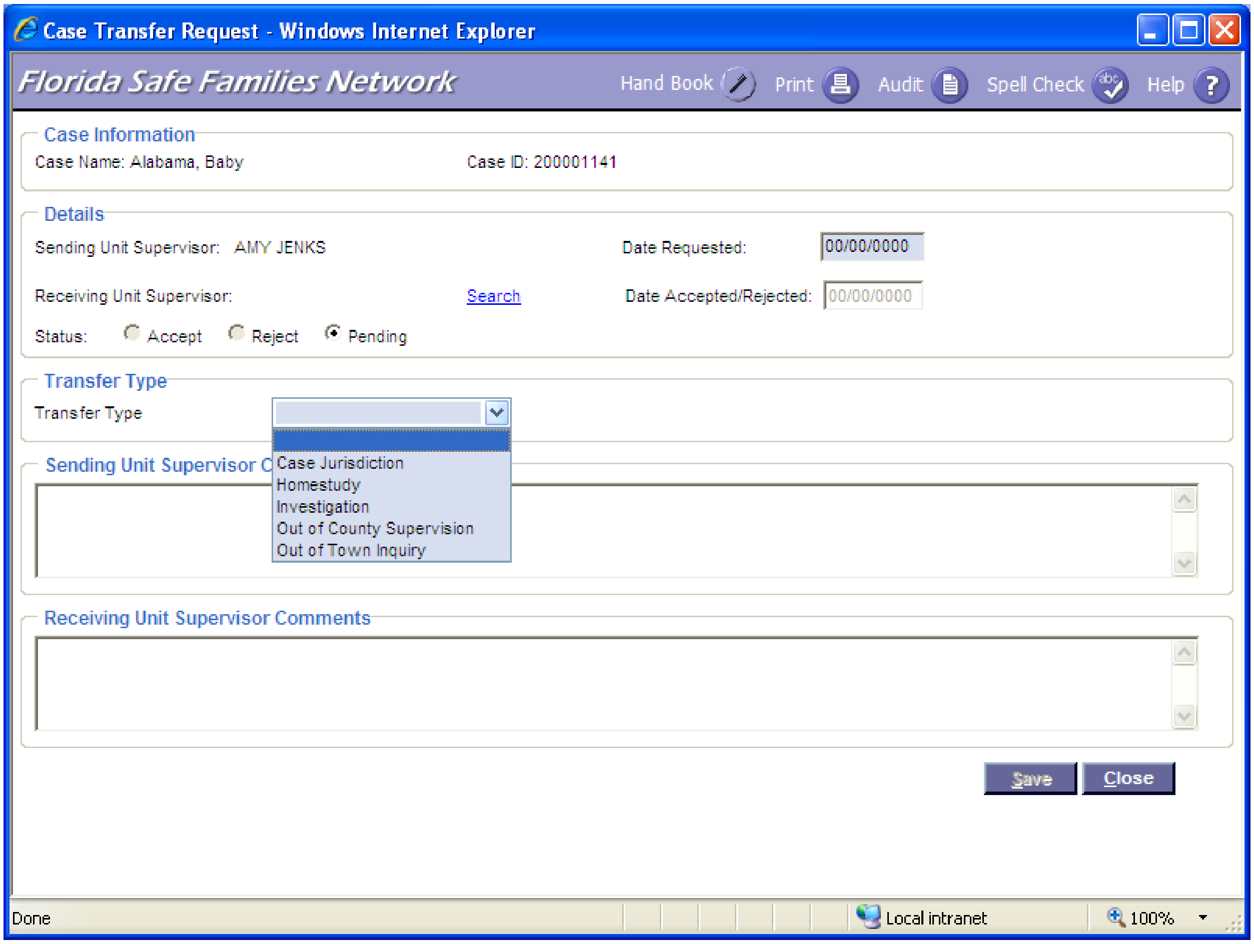
1.2.5.5 Close Processing

The Partial Reassignment operation can be cancelled by clicking the Close button on the page. When this button is clicked, no updates are made to the database, the page is closed, and control is returned to the calling page.

1.2.5.6 CRUD Matrix

Table Name	Create	Read	Update	Delete
LOCATION		X		
PERSON		X		
WORKER		X		
ORG_WORKER_ROLE		X		
JOB_CLASS		X		
ORG_UNIT		X		
ONLINE_TRIGGER		X		
CASE_MASTER		X		
APPROVAL		X		
ASSIGNMENT		X	X	

1.2.6 Page – Sending Unit Supervisor Case Transfer Request



1.2.6.1 Page Overview

For any case, this page is accessed by clicking the Actions hyperlink and then clicking the Case Transfer Request.

It is through the Case Transfer Request page that the new assignment for a case is requested by the sending Unit Supervisor and is then accepted by the Receiving Unit Supervisor. This is a visual request only. The actual reassignment of the case must still be done manually through the regular reassignment process.

The Sending Unit Supervisor field is pre-filled with the name of the unit's supervisor. The Date Requested field is then completed; it is a required field. The Receiving Unit Supervisor is then searched out by performing a Worker Search for the receiving unit supervisor of the Case Transfer Request. The sending unit supervisor then selects the Transfer Type from the drop down list and enters any comments, if desired. The request is saved and an automated message is generated to the receiving unit supervisor. If the receiving unit supervisor selected is the same as the sending unit supervisor, an error message is displayed saying: "Case cannot be transferred to yourself."

1.2.6.2 Page Information

Group Box	**Case Information**	
Fields	Case Name	Displays the Case name determined from Case selected from the Case Outliner; system derived; not user modifiable.
	Case ID	System generated ID associated with Case; not user modifiable.
Group Box	**Details**	
Fields	Sending Unit Supervisor	Supervisor of the Sending unit; system derived; not user modifiable.
	Date Requested	Date the Case Transfer is requested; User entered date field; required; no default value.
	Receiving Unit Supervisor	Displays the name of the Receiving Unit Supervisor; user selected when the user clicks Search link and retrieves a worker record.
	Date Accepted/Rejected	Date the Case Transfer is Accepted/Rejected; User entered date field; required; no default value.
	Status	Defaults to Pending in Create mode and cannot be modified.
Group Box	**Transfer Type**	
Fields	Transfer Type	User-selected drop down; required field.
Group Box	**Sending Unit Supervisor Comments**	
Fields	Sending Unit Supervisor Comments	User -entered text field; not required; no default value; limit is 32,000 Characters.
Group Box	**Receiving Unit Supervisor Comments**	

Fields	Receiving Unit Supervisor Comments	User- entered text field; not required; no default value; limit is 32,000 Characters.
Options	None	
Links	Search	Launches Worker search page.
Buttons	Save	Standard save processing.
	Close	Standard close processing.

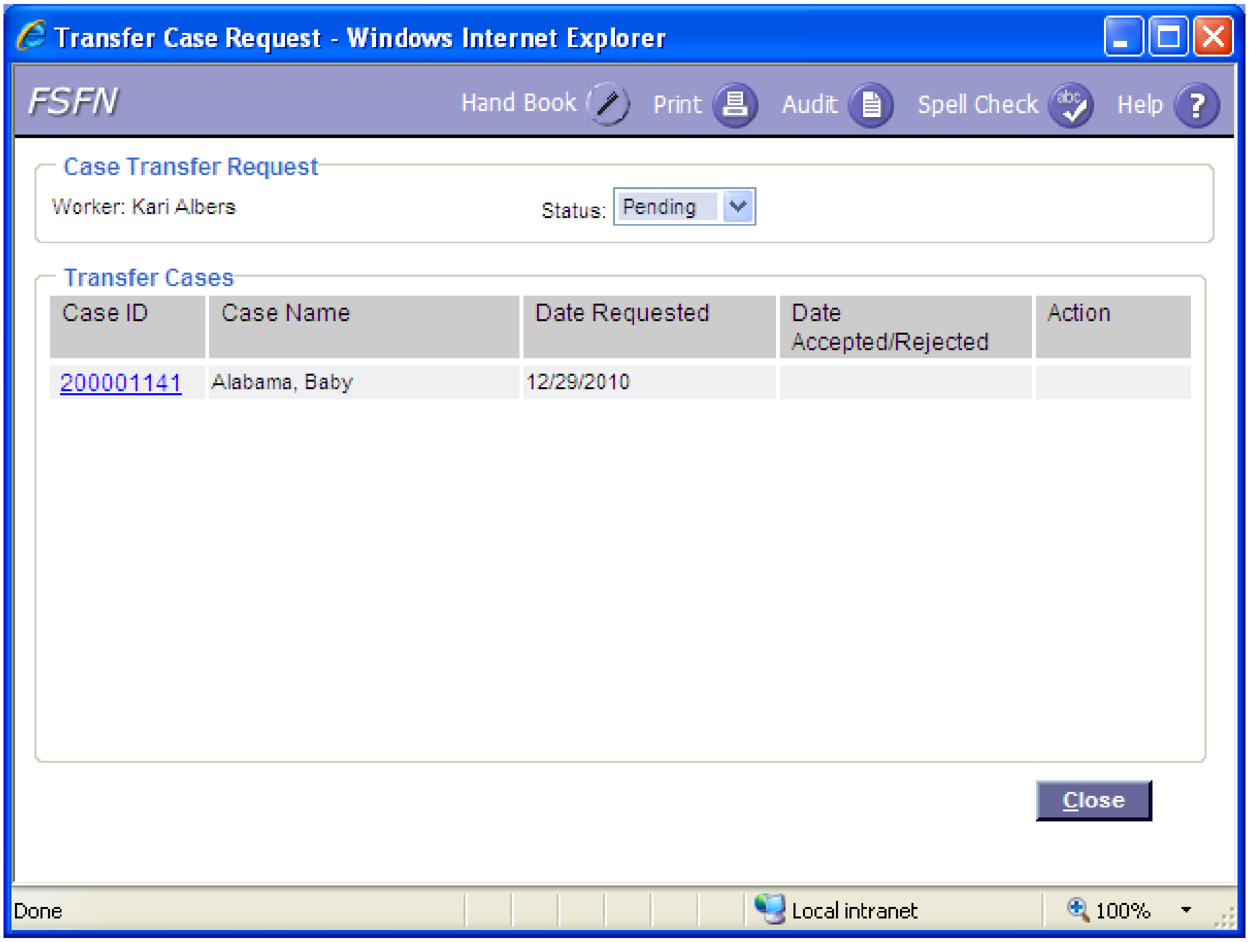
1.2.6.3 Background Processing

- The system generates an automated message to the receiving unit supervisor when the save is successful.
- The request is listed in the pending Case Transfer Request list for the sending unit supervisor and also for the receiving unit supervisor after the save.
- If the date requested is a future date, the system generates a data validation error message.
- If the receiving unit supervisor selected is the same as the sending unit supervisor the system generates a data validation error message.

1.2.6.4 CRUD Matrix

Table Name	Create	Read	Update	Delete
CASE_TRANSFER	X	X	X	
CASE_MASTER		X		
WORKER		X		
ORG_WORKER_ROLE		X		

1.2.7 Page –Case Transfer Requests Queue and Listing



1.2.7.1 Page Overview

This page can be accessed through the Utilities-> Case Transfer Request menu item.

It is through this page that the sending unit supervisor can view the supervisor's own pending Case Transfer requests, yet to be accepted or rejected, as well as any Case Transfer Requests the supervisor may have already accepted or rejected. The Sending Unit Supervisor also has the option to delete the pending Case Transfer Requests that they sent by clicking the Delete hyperlink. The receiving unit supervisor uses this page to view pending Case Transfer Requests and clicks the Case ID hyperlink to view the Case Transfer Request.

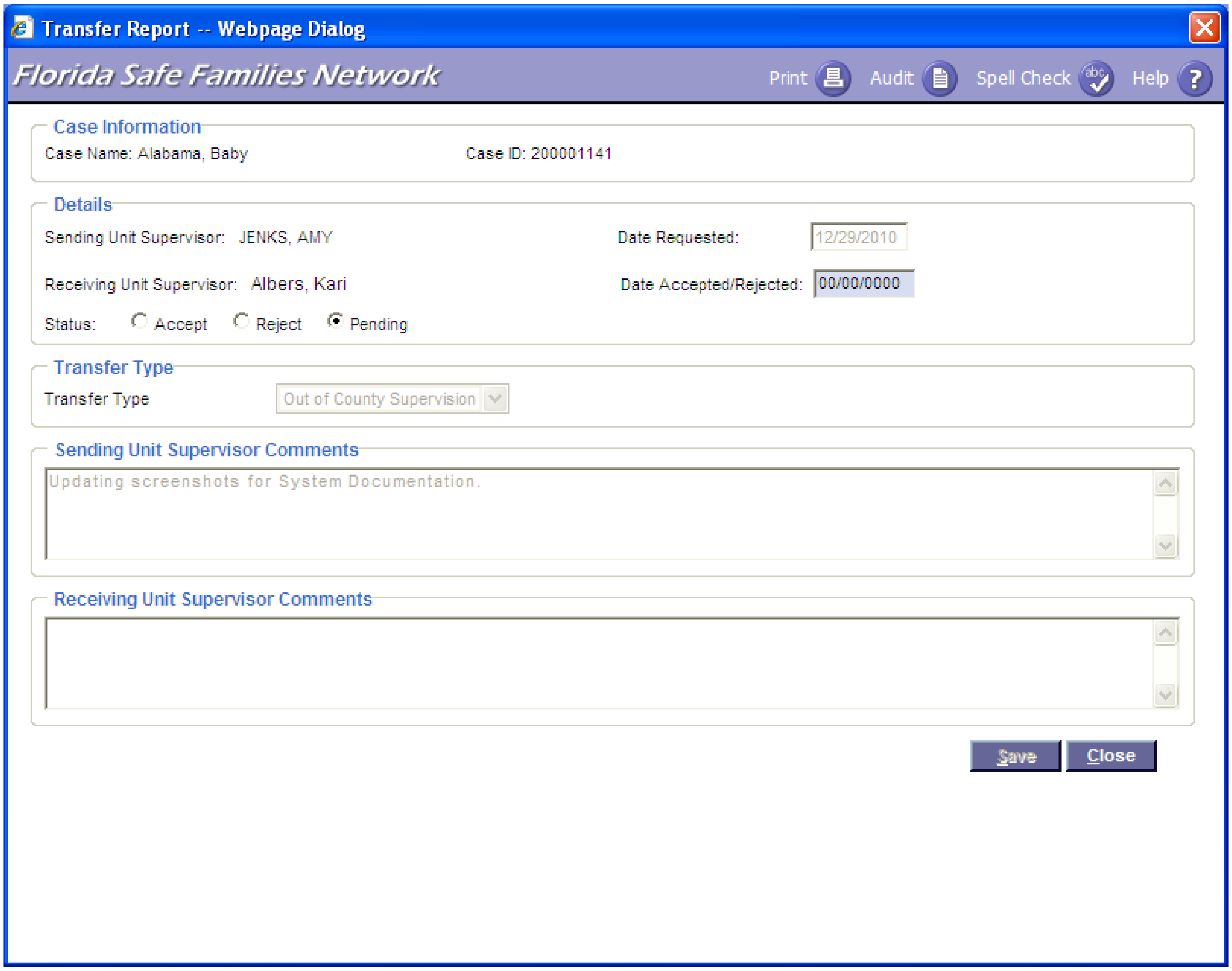
1.2.7.2 Page Information

Group Box	**Case Transfer Request**	
Fields	Worker	Displays the name of the logged in worker; system derived; not user modifiable.
	Status	Filters the list of "Case Transfer Requests" with a status of "Pending," "Accepted" or 'Rejected."
Group Box	**Transfer Cases**	
Fields	Case ID	Displays the case ID for the case transfer request; system derived; not user modifiable.
	Case Name	Displays the case name for the case transfer request; system derived; not user modifiable.
	Date Requested	Date the case transfer is requested; system derived; not user modifiable.
	Date Accepted/Rejected	Date the case transfer request was accepted or rejected; system derived; not user modifiable.
	Action	Displays a delete hyperlink when case transfer request is in a pending status; allows for the user who created the request to remove it.
Options	None	
Links	Case ID	Launches Case Transfer Request page specific for that case.
	Delete	Deletes the Case Transfer Request from the system.
Buttons	Close	Standard close processing.

1.2.7.3 Background Processing

The status drop down filters the list of Case Transfer Requests based on the status selected.

1.2.8 Page – Receiving Unit Supervisor Case Transfer Request



1.2.8.1 Page Overview

This page can be accessed by clicking the Case ID hyperlink on the Case Transfer Request page.

It is through the Receiving Unit Case Transfer Request page that the receiving unit supervisor can either accept or reject the Case Transfer request. The receiving unit supervisor enters the date, which cannot be a future date, in the Date Accepted/Rejected field, and then enters any comments, as appropriate. When the Case Transfer Request is selected or rejected, an automated message is generated.

1.2.8.2 Page Information

Group Box	**Case Information**	
Fields	Case Name	Displays the Case name determined from Case selected from the Case Outliner; system derived; not user modifiable.
	Case ID	System generated number associated with the Case; not user modifiable.
Group Box	**Details**	
Fields	Sending Unit Supervisor	Supervisor of the sending unit; system derived; not user modifiable.
	Date Requested	Date the Case Transfer was requested; system derived; not user modifiable.
	Receiving Unit Supervisor	Displays the name of the receiving unit supervisor; system derived; not user modifiable.
	Date Accepted/Rejected	Date the Case Transfer is accepted/rejected; user entered; required; no default value.
	Status	System defaults to Pending; Accept or Reject is selected by the receiving unit supervisor; required; mutually exclusive.
Group Box	**Transfer Type**	
Fields	Transfer Type	User-selected drop down; required field.
Group Box	**Sending Unit Supervisor Comments**	
Fields	Sending Unit Supervisor Comments	User entered text field; not required; no default value; limit is 32,000 characters.
Group Box	**Receiving Unit Supervisor Comments**	
Fields	Receiving Unit Supervisor Comments	User entered text field; not required; no default value; limit is 32,000 characters.
Options	None	

Links	Search	Launches the Worker Search screen.
Buttons	Save	Standard save processing.
	Close	Standard close processing.

1.2.8.3 Background Processing

- When the save is successful, the system generates an automated message to the sending unit supervisor, alerting the supervisor to the acceptance or rejection of the request.
- The request is listed in the accepted or rejected Case Transfer Request list for the sending unit supervisor, as well as the receiving unit supervisor, after the save, and is frozen from all future editing.
- If the date accepted or rejected is a future date, the system generates a data validation error message.

1.2.8.4 CRUD Matrix

Table Name	Create	Read	Update	Delete
CASE_TRANSFER	X	X	X	
CASE_MASTER		X		
WORKER		X		
ORG_WORKER_ROLE		X		

1.3 Inventories

1.3.1 Table Descriptions

Table Name	Description
ASSIGN_CATEGORY	The ASSIGN CATEGORY table defines categories, types, responsibilities and roles for worker assignments.
ASSIGNMENT	The ASSIGNMENT table maintains information pertaining to the ASSIGNMENT of a WORKER to a designated activity or a dimension of work for which a worker is held responsible. Category, type, role, and responsibility define the structure of worker assignment. Assignments can be associated with a case that may carry an associated weight, or they can be case, provider, or other work-related assignments that do not carry any associated weight that feeds the measurement of workload capacity. Processes of CM02 (Maintain Worker Assignment) create and update this information.
CATEGORY_TYPE	This table contains categories and types for manual events, tasks and checklists.
LOCATION	The LOCATION table provides address information for all offices, sub-offices, facilities, and all divisions of these offices as well as similar information about child welfare offices.
ONLINE TRIGGER	The ONLINE TRIGGER table is updated on a daily basis from the FSFN online environment whenever changes and events occur that need to trigger the creation of eligibility and reimbursement information that must be communicated. The IN01 nightly batch process reads this table and determines whether or not to create the equivalent of the W!Y, M@T, 550, 551, 552a or to update the eligibility table.

PERSON	The PERSON table maintains information that identifies an individual known to DCF/Community-Based Care/Sheriff's Office or the child welfare division such as name, date of birth, social security number, race, sex, etc. A PERSON can be a WORKER, REPORT PART, REFERRAL PART, CASE PART OR PROVIDER PART. Primary search processing is centered on this data. Process of CM01 (Person Management) build and maintain this information.
TASK	Tasks are an electronic notification to FSFN workers of tasks to be completed by a certain time. The TASK table maintains information about all tasks and alerts in Florida Safe Families Network. CM04 (Tasks) creates task information.
WORKER	The WORKER table maintains information pertaining to an individual (PERSON) who is employed by DCF/Community-Based Care or Sheriff's Office and is in a job class that provides services and/or a job class that receives Florida Safe Families Network-defined work assignments. The information is created in CM18 (Manage Worker).

1.3.2 Reference Data

1.3.2.1 Drop Down

FSFN Page: Create Worker Assignment/Worker Assignment
Field Name: Category
Table Name: Assign Category
Table Field: ASGNCTGRY

FSFN Page: Create Worker Assignment/Worker Assignment
Field Name: Type
Table Name: Assign Category
Table Field: ASGNTYPE

FSFN Page: Create Worker Assignment/Worker Assignment
Field Name: Role
Table Name: Assign Category
Table Field: ASGNROLE

FSFN Page: Create Worker Assignment/Worker Assignment
Field Name: Responsibility
Table Name: Assign Category
Table Field: ASGNRESP

FSFN Page: Global Reassignment
Field Name: Gender
Table Name: Gender
Table Field: GNDRPRSN

FSFN Page: Program Assignment
Field Name: Program
Table Name: Program
Table Field: PRGGROUP

FSFN Page: Program Assignment
Field Name: Group
Table Name: Group
Table Field: PRSNPROG

FSFN Page: Case Transfer Request/Worker Assignment
Field Name: Transfer Type
Table Name: Transfer Type
Table Field: TRANSTYP

1.3.3 Automated Messages

1.3.3.1 New Assignment

To: Network address of worker who has just been assigned new work.

CC: None

Subject: Worker Assignment

Message: You have just been assigned to the ------------- case or provider (Fill in the previous blank with the case or provider ID). Please check under your cases, providers, or intakes tab folders to view your assignment.

1.3.3.2 Re-Assignment

To: Network address of the original worker whose assignment has just been reassigned to another worker.

CC: None

Subject: Worker Reassignment

Message: This is a notification that your assignment to the ---------- case or provider (Fill in the previous blank with the case or provider ID) has been reassigned to --------- (fill in the name of the reassigned worker).

1.3.3.3 Closed Assignment

To: Network address of the original worker whose assignment has just been closed.

CC: None

Subject: Assignment Closure

Message: This is a notification that your assignment to the ---------- case or provider (Fill in the previous blank with the case or provider ID) has been closed.

1.3.3.4 New Assignment - Reassign All (To)

To: Network address of the original worker who has just been assigned new work.

CC: None

Subject: Worker Assignment

Message: You have just been assigned all of the casework on -------------- (case ID) from ---------- (fill in the previous blank with the old workers name). Please check under your cases, providers, or intakes tab folders to view your new assignments.

1.3.3.5 Re-Assignment - Reassign All (From)

To: Network address of the original worker whose assignment has just been reassigned to another worker.

CC: None

Subject: Worker Reassignment

Message: This is a notification that all of your casework on ------------(Case ID) has been reassigned to --------- (fill in the name of the reassigned worker).

1.3.3.6 New Case Transfer Request

To: Network address of the worker who has just been assigned new work.

CC: None

Subject: Case Transfer Request

Message: This is a notification that [Case ID] has been requested to be transferred to you. Please check your Case Transfer Request list.

1.3.3.7 Accepted/Rejected Case Transfer Request

To: Network address of the original worker whose assignment has just been reassigned to another worker.

CC: None

Subject: Case Transfer Request

Message: This is in regards to the Case Transfer Request of [Case ID]. I have [accepted or rejected, as appropriate] the Case Transfer Request. Thanks.

1.3.4 Checklists

- None

1.3.5 Tasks

- None

1.3.6 Notifications

- None

1.3.7 Text Templates

- None

1.3.8 Reports

- None

1.3.9 Triggers

1.3.9.1 Trigger Rows Inserted

Txn_Code	Description
1003	A row is inserted into the ONLINE_TRIGGER table when workers click on the “Reassign all” button on the Worker Assignment Page. This row indicates to the Global Reassignment batch (b-cm02-reassignment) that all of a worker’s (id_wrkr_frm) assignments should be transferred to the new worker (id_wrkr_to) designated.

1.3.9.2 Database Triggers

Name	Description
ASSIGNMENT_I	On each INSERT into the ASSIGNMENT table, this trigger is called. This trigger is used to calculate the case and worker workloads and to determine if a row should be inserted into the ONLINE_TRIGGER table (txn_code = 102).
ASSIGNMENT_I2	On each INSERT into the ASSIGNMENT table, this trigger is called. This trigger pre-fills the worker's current location (WORKER table) on the assignment table.
ASSIGNMENT_U	Before a row is Updated in the ASSIGNMENT table, this trigger is called. If an end date has been added to the assignment, this trigger re-calculates the worker workloads.

1.4 Batch Programs

1.4.1 Global Reassignment

Program Name:	b-cm02-reassignment.cbl	
Script Name:	b-cm02-00.script	
Process Summary:	The user selects the Reassign All button from the Worker Assignment page and selects the new worker for work reassignment. Upon selecting the Assign button on the Create Worker Assignment page, an e-mail is generated to both the new and the old worker and a record is written to the Online Trigger table. Upon receiving this request via the Online Trigger record, the batch process will perform task reassignment processing and normal reassignment processing.	
Frequency:	Nightly	
Dependencies:	None	
Input Parameters:	None	
Input Files:	Cycle-date-override	
Output Files:	None	
Database Tables:	ASSIGNMENT	R, I, U
	ONLINE_TRIGGER	R, I, U
	D TASK	R, U, D
	WORKER	R

1.4.2 Process Description

Select all records from the ONLINE_TRIGGER table that have a trigger number (CD_TXN) of 1003 indicating a worker reassignment has been requested. The IDs of the original worker

(ID_WRKR_FRM) and the new worker (ID_WRKR_TO) are found in the table. The batch program performs three major functions as follows:

- The batch program reassigns all tasks associated with the original worker to the new worker.

- The batch program removes all elevation tasks for the original worker. These are the tasks sent to supervisors because of inaction.
- Finally, the batch program performs a re-assignment of the worker's cases to the new worker. The assignments for the original worker are closed and new assignments are created for the new worker.

When processing is complete, remove the 1003 triggers from the database.

For Task processing:

The program selects all rows from the Task Table (TASK) where the ID_PRSN is equal to the original worker (ID_WRKR_FRM). If a task exists for the supervisor (ID_TKLR_SPVR is not NULL), the indicated Task row is deleted (ID_TKLR = ID_TKLR_SPVR). If a task exists for the supervisor's supervisor (ID_TKLR_PSPVR is not NULL), the indicated Task row is deleted (ID_TKLR = ID_TKLR_PSPVR). After all elevation tasks have been deleted, all Tasks rows where the ID_PRSN is equal to the original worker are updated to set ID_PRSN equal to the new worker ID_WRKR_TO).

For Assignment Processing:

The batch program selects all open case assignment rows (FL_OPEN = "Y" and CD_ASGN_GRP = 1) for the original worker (ID_PRSN = ID_WRKR_FRM). For each row that is found, it creates a new ASSIGNMENT row for the new worker as follows:

- ID_PRSN = ID_WRKR_TO.
- ID_CR and ID_UP = 3018 (batch program identifier).
  TS_CR and TS_UP = current timestamp.
- All other fields are unchanged from the retrieved ASSIGNMENT row.
- When all of the new rows have been created, the original worker's assignment is updated as follows:
- FL_OPEN = "N"
- DT_END = current timestamp
- ID_UP = 3018 (batch program identifier)
- TS_UP= current timestamp

1.5 Requirements Covered in This Paper

- SSA-004
- SSA-005
- SSA-006
- SSA-007
- SSA-008
- RML-015
- CMG-009
- CMG-024
- SSE-007
- IA-CSA-091
- IA-CSA-093
- IA-CASE-025
- IA-CASE-026