



## **Cisco Unified Workforce Optimization**

Workforce Management Agent User Guide 8.5(1)  
November 2010

**Americas Headquarters**  
Cisco Systems, Inc.  
170 West Tasman Drive  
San Jose, CA 95134-1706  
USA  
<http://www.cisco.com>  
Tel: 408 526-4000  
800 553-NETS (6387)  
Fax: 408 527-0883

THE SPECIFICATIONS AND INFORMATION REGARDING THE PRODUCTS IN THIS MANUAL ARE SUBJECT TO CHANGE WITHOUT NOTICE. ALL THE SPECIFICATIONS AND INFORMATION REGARDING THE PRODUCTS IN THIS MANUAL ARE SUBJECT TO CHANGE WITHOUT NOTICE. ALL STATEMENTS, INFORMATION, AND RECOMMENDATIONS IN THIS MANUAL ARE BELIEVED TO BE ACCURATE BUT ARE PRESENTED WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. USERS MUST TAKE FULL RESPONSIBILITY FOR THEIR APPLICATION OF ANY PRODUCTS.

THE SOFTWARE LICENSE AND LIMITED WARRANTY FOR THE ACCOMPANYING PRODUCT ARE SET FORTH IN THE INFORMATION PACKET THAT SHIPPED WITH THE PRODUCT AND ARE INCORPORATED HEREIN BY THIS REFERENCE. IF YOU ARE UNABLE TO LOCATE THE SOFTWARE LICENSE OR LIMITED WARRANTY, CONTACT YOUR CISCO REPRESENTATIVE FOR A COPY.

The Cisco implementation of TCP header compression is an adaptation of a program developed by the University of California, Berkeley (UCB) as part of UCB's public domain version of the UNIX operating system. All rights reserved. Copyright © 1981, Regents of the University of California.

NOTWITHSTANDING ANY OTHER WARRANTY HEREIN, ALL DOCUMENT FILES AND SOFTWARE OF THESE SUPPLIERS ARE PROVIDED "AS IS" WITH ALL FAULTS. CISCO AND THE ABOVE-NAMED SUPPLIERS DISCLAIM ALL WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, THOSE OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OR ARISING FROM A COURSE OF DEALING, USAGE, OR TRADE PRACTICE.

IN NO EVENT SHALL CISCO OR ITS SUPPLIERS BE LIABLE FOR ANY INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES, INCLUDING, WITHOUT LIMITATION, LOST PROFITS OR LOSS OR DAMAGE TO DATA ARISING OUT OF THE USE OR INABILITY TO USE THIS MANUAL, EVEN IF CISCO OR ITS SUPPLIERS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Cisco and the Cisco Logo are trademarks of Cisco Systems, Inc. and/or its affiliates in the U.S. and other countries. A listing of Cisco's trademarks can be found at <http://www.cisco.com/go/trademarks>. Third party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1005R)

*Workforce Management Agent User Guide*

© 2010 Cisco Systems, Inc. All rights reserved.

© 2010 Calabrio, Inc. All rights reserved.

---

# Contents

---

## Using WFM 5

- Introduction 5
    - Intended Audience 5
    - WFM Documentation 5
    - Obtaining Documentation and Submitting a Service Request 6
    - Documentation Feedback 6
- 

## Getting Started 7

- Introduction 7
  - Logging In to WFM 8
  - Using the Agent Interface 9
    - Using the Navigation Menu 9
    - Sorting a Table 9
    - Viewing Long Tables 10
    - Icon Descriptions 11
    - Navigation Button Descriptions 12
  - Setting Display Preferences 13
    - Displaying the Date Format 13
    - Customizing Dashboards 13
    - Selecting Schedule Display Parameters 15
    - Changing Your Password 15
  - Entering Dates 16
- 

## Managing My Page 17

- Introduction 17
- Inbox 18
  - Viewing Requests 19
  - Exception Requests 20

---

## Contents

|  |    |
|--|----|
| Creating an Exception Request                | 20 |
| Editing Exception Requests                   | 21 |
| Schedule Trade Requests                      | 21 |
| Creating Schedule Trade Requests             | 22 |
| Editing Schedule Trade Requests              | 23 |
| Approving or Denying Schedule Trade Requests | 24 |
| Deleting Requests                            | 25 |
| ■ Schedules                                  | 26 |
| Schedule Viewer                              | 26 |
| Choosing a Time Period                       | 26 |
| Choosing the Level of Detail                 | 27 |
| Using Arrows to Select a Month               | 27 |
| Selecting a Date from the Calendar           | 27 |
| Viewing Detailed Schedule Information        | 27 |
| ■ Bulletin Board                             | 29 |
| Creating a Schedule Offer or Trade Request   | 30 |
| Accepting a Trade Request                    | 32 |
| Accepting a Schedule Offer                   | 33 |
| Editing a Schedule Trade or Offer Request    | 35 |
| Deleting a Schedule Trade or Offer Request   | 35 |
| ■ Productivity                               | 36 |
| The My Productivity Dashboard                | 36 |
| ■ Statistics                                 | 39 |
| The My Statistics Dashboard                  | 39 |

---

|          |    |
|----------|----|
| Glossary | 43 |
|----------|----|

---

|       |    |
|-------|----|
| Index | 59 |
|-------|----|

---

## Introduction

---

This document describes how to use the Cisco Workforce Management (WFM) agent interface.

The WFM agent interface allows you to:

- Manage your inbox
- View your schedule
- Trade schedules with another agent
- Offer schedules to other agents
- Manage your bulletin board
- Enter requests for time off
- Display your productivity indicators
- Display your statistics and compare them against your team's statistics

## Intended Audience

This document is written for contact center agents who use WFM.

## WFM Documentation

The following documents contain additional information about WFM:

- *Cisco Workforce Management Administrator User Guide*
- *Cisco Workforce Management Installation Guide*
- *Cisco Workforce Management Troubleshooting Guide*
- *Cisco Workforce Management Release Notes*

## Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

(Click **Obtaining Additional Information.**)

Subscribe to the *What's New in Cisco Product Documentation* as a Really Simple Syndication (RSS) feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service and Cisco currently supports RSS version 2.0.

## Documentation Feedback

You can provide comments about this document by sending email to the following address:

[ccbu\\_docfeedback@cisco.com](mailto:ccbu_docfeedback@cisco.com)

We appreciate your comments.

---

## Introduction

---

This chapter covers the following topics:

- [Logging In to WFM \(page 8\)](#)
- [Using the Agent Interface \(page 9\)](#)
- [Setting Display Preferences \(page 13\)](#)
- [Entering Dates \(page 16\)](#)
- [Filtering Your View \(page 40\)](#)

## Logging In to WFM

---

The following procedure describes how to log in to WFM.

**To log in to WFM:**

1. Enter the following URL in your web browser, where <wfm> is either the name or IP address of the server on which WFM is installed.

`http://<wfm>:8087/c3/`

**NOTE:** The website address is case sensitive.

The Workforce Management login window appears.

2. Enter your WFM username and password. The username is not case sensitive and the password is case sensitive.

**NOTE:** If your company uses Active Directory with WFM, your WFM username and password is the same as your network login username and password. If your company does not use Active Directory with WFM, ask your system administrator for your WFM username and password.

3. Click GO or press Enter to log in to WFM. The Workforce Management window appears.

**NOTE:** to log in to WFM (see ["Roles" on page 274](#)).

## Using the Agent Interface

The WFM agent interface (Figure 1) has two panes. The left pane contains the Navigation menu. The right pane displays the fields associated with the menu item you select in the left pane.

**Figure 1.** Workforce Management Agent interface



### Using the Navigation Menu

Use these mouse actions to use the Navigation menu.

- To expand or collapse the menu, click My Page. To hide the Navigation pane, click ◀ (left arrow).
- To display the Navigation pane, click ▶ (right arrow).
- Click a task to display the associated data in the right pane.

### Sorting a Table

Data that is presented in tabular form can be sorted based on the contents of a single column in the table. The sort can be ascending or descending.

The small arrow at the right of the primary sort column header displays the direction of the sort, ascending or descending.

**NOTE:** Numbers are sorted from left to right, without accounting for the actual value of the number. For example, the numbers 1, 210, 0999, 3, 34, and 3104 are sorted in ascending order as follows:

0999  
1  
210  
3  
3104  
34

**To sort a table:**

- Click the column header. Click again to reverse the sort order.

### Viewing Long Tables

WFM often displays information in tables. Some tables have more rows than can be viewed on one pane. When a table is large, options appear at the bottom of the pane that allow you to move quickly through the table.

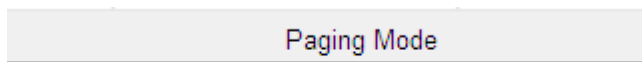
You view tables either in paging mode (the default) or scrolling mode. [Figure 2](#) displays the text that appears at the bottom of the pane when you are in paging mode.

**Figure 2.   Paging mode**





[Figure 3](#) displays the text that appears at the bottom of the pane when you are in scrolling mode.

**Figure 3.   Scrolling mode**
















Use these mouse actions to view a large table.

- Click Show All to switch to scrolling mode and display the table on a single page. Use the scroll bar on the right to move up and down on the page.

- Click Paging Mode to display items on multiple pages. When in paging mode, use the following mouse actions:
  - Click  (Next Group) or  (Previous Group) to move forward or backward 5 pages at a time.
  - Click Last to go to the last page.
  - Click First to go to the first page.
  - Enter a page number in the Goto field and click Goto to jump directly to that page. You can also click the desired page number between the arrows.

## Icon Descriptions

The following table describes the most frequently-used actions and their icons.

| Icon  | Action                    | Description   |
|---|---------------------------|---|
|    | Hide                      | Hide the Navigation pane.   |
|    | Restore                   | Display the Navigation pane.  |
|  | New                       | Post an offer.  |
|  | Save                      | Save the newly-created or modified items.   |
|  | Delete                    | Delete the selected files.  |
|  | Launch a request          | Submit a processing request to the server.  |
|  | Next Group                | Move forward 5 pages at a time.   |
|  | Previous Group            | Move backward 5 pages at a time.  |
|  | Back                      | Return to previous pane.<br><b>NOTE:</b> The back button in Internet Explorer is disabled.                |
|  | Graph                     | Display a data graph.<br><b>NOTE:</b> This icon appears only when there are 100 or fewer rows in a table. |
|  | New exception request     | Create a new exception request.   |
|  | New schedule swap request | Create a new request to trade schedules.  |
|  | Edit                      | Edit a request.   |

## Navigation Button Descriptions

The following table describes the most frequently-used navigation buttons.

| Button      | Description  |
|-------------|--|
| Preferences | Displays the My Preferences pane. See " <a href="#">Setting Display Preferences</a> " on page 13 for more information.                         |
| Help        | Displays help. WFM provides detailed, browser-based help with comprehensive descriptions and step-by-step procedures.                          |
| About       | Displays information about the WFM version in a separate dialog box.<br><b>NOTE:</b> Turn off your pop-up blocker to view this information.    |
| Logout      | Ends your session. When you click Logout, a confirmation dialog box appears. Click OK to confirm logging out and display the WFM Login window. |

## Setting Display Preferences

---

Use the procedures below to change your display preferences.

- [Displaying the Date Format \(page 13\)](#)
- [Customizing Dashboards \(page 13\)](#)
- [Selecting Schedule Display Parameters \(page 15\)](#)
- [Changing Your Password \(page 15\)](#)

### Displaying the Date Format

Use this procedure to view the default date format that appears in WFM panes and reports. The format displayed depends on your locale. For example, in the US, the default date format is mm-dd-yyyy.

Use the displayed format when entering dates. You cannot change the date format.

**NOTE:** The format refers to the order in which the month, day, and year are displayed in the date. The separator between these elements can vary. For instance, dates might use a hyphen (12-15-2010) or a slash (12/15/2010). If you input the incorrect separator, you will receive an error message.

*To display the default date format:*

- Click Preferences and select the General tab. The General tab displays the Date Format.

### Customizing Dashboards

Use this procedure to select the views and formats that you want to appear on the My Productivity and My Statistics dashboards.

*To customize a dashboard*

1. Click Preferences and select the Dashboard tab. The Dashboard tab appears (Figure 4).

Figure 4. My Preferences: Dashboard tab

**My Preferences**

General Dashboard

Dashboard View: View: Occupancy

Statistics View: View: All data

Graph #1 Data: Handled Calls


Graph #2 Data: Average Talk Time

Graph #3 Data: Average Not Ready Time

Graph #1 Format: Line Graph

Graph #2 Format: Vertical Bar


Graph #3 Format: Line Graph

2. Select the view you want to display on your My Productivity dashboard from the Dashboard View drop-down list.
3. Select the view you want to display on your My Statistics dashboard from the Statistics View drop-down list.
4. Select the data you want to display for each graph in your My Productivity dashboard from the Graph #1 Data, Graph #2 Data and Graph #3 Data drop-down lists.
5. Select the format you want for each graph in your My Productivity dashboard from the Graph #1 Format, Graph #2 Format and Graph #3 Format drop-down lists.
6. Click  (Save) to save your changes.

## Selecting Schedule Display Parameters

Use this procedure to select the information that you want to appear on your schedule.

### *To select schedule display parameters:*


1. Click Preferences and select the Schedule tab. The Schedule tab displays the schedule options.
2. In the Start Time field, select the time you want the schedule display to start.
3. In the End Time field, select the time when you want the schedule display to end.
4. Click  (Save) to save your changes.

## Changing Your Password

Use this procedure to change the password you use when logging in to WFM.

**NOTE:** The Password tab does not appear if your company uses Active Directory. WFM automatically uses the password associated with your Active Directory username. Use Microsoft Windows to change your password.

### *To change your password:*

1. Click Preferences, and select the Password tab. The Password tab enables you to change your password.
2. Enter your current password in the Old Password field.
3. Enter your new password in the New Password field.
4. Reenter your new password in the Confirm New Password field to ensure the accuracy of what you entered in the New Password field.
5. Click  (Save) to save your changes.

## Entering Dates

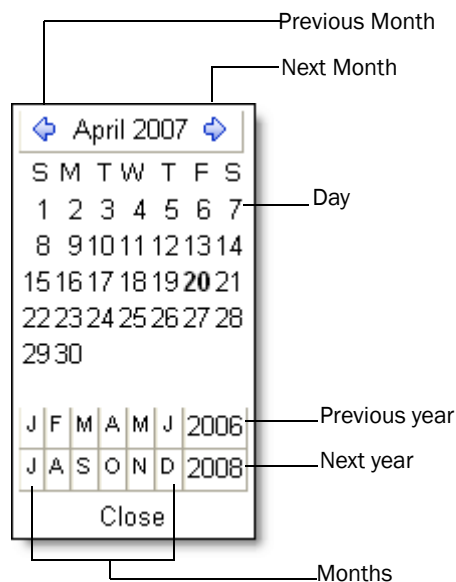
When entering dates in WFM, you can either:

- Enter the date manually using the format specified on the General tab in My Preferences (by default, mm-dd-yyyy)
- Select the date from the popup calendar that appears when you click the date field

**To enter a date in a field using the popup calendar:**

1. Click a date field in the pane. The calendar appears at the top of the Navigation pane (Figure 5).

**Figure 5. Popup calendar**



2. Fill the date field by selecting the desired date from the popup calendar. By default, the calendar displays the current month and year.
  - To select a previous or future year, click the desired year at the bottom right of the calendar.
  - To select a month, click the letter associated with the month at the bottom left of the calendar. The letters are displayed in month order. You can also display the next or previous month by clicking ➡ (next month) or ⬅ (previous month).
  - To select a day, click the date in the calendar.
3. Click Close to dismiss the calendar.

---

# Managing My Page

# 3

---

## Introduction

---

This chapter covers the following topics:

- [Inbox \(page 18\)](#)
- [Schedules \(page 26\)](#)
- [Bulletin Board \(page 29\)](#)
- [Productivity \(page 36\)](#)
- [Statistics \(page 39\)](#)

## Inbox

The Inbox List pane (Figure 6) displays all messages that are sent to you and requests sent by you. To access the Inbox List pane, select My Page > Inbox.

Figure 6. Inbox List

| ! | From         | Request Type     | Status                           | Received†           | Expiration Date | Actions |
|---|--------------|------------------|----------------------------------|---------------------|-----------------|---------|
| 2 | Sim Agent002 | Vacation Request | Validated/Waiting for Approval   | 02-11-2008 13:56:49 |                 |         |
| 2 | Sim Agent002 | Work Shift Grab  | Submitted/Waiting for Validation | 02-11-2008 14:47:16 |                 |         |

From the Inbox List pane, you can:





- Create exception requests for time off (for example, medical appointments)
- Trade schedules with another agent
- Offer schedules for other agents to accept
- Accept schedule trades from other agents
- Review the current status of requests
- View request results
- Edit requests

Table 1 describes the Inbox List pane icons and columns.

Table 1. Inbox List pane icons and columns

| Field Name | Description  |
|------------|--|
| !          | An icon and a number that has a specific meaning related to the status of the message. <ul style="list-style-type: none"> <li>•  1 – A request is in progress that requires you to perform an action.</li> <li>•  2 – A request is in progress. No action is required.</li> <li>• 3 – A request was rejected or closed.</li> </ul> |
| From       | The name of the agent who sent the request.  |

Table 1. Inbox List pane icons and columns (cont'd)

| Field Name  | Description   |
|---|---|
| Request Type  | <p>The type of request:</p> <ul style="list-style-type: none"> <li>• Exception request. An agent is requesting an exception (for example, the agent needs to take the morning off to see a doctor). This request is usually submitted before a schedule is created, so the agent is not scheduled for this period.</li> <li>• Work Shift Grab. An agent is requesting a schedule trade with another agent.</li> <li>•</li> </ul>  |
| Status  | <p>The status of the request. The possible values are:</p> <ul style="list-style-type: none"> <li>• Closed. The request is resolved.</li> <li>• Submitted/Waiting for Validation. The request is open and waiting for a response.</li> </ul>  |
| Received  | The date and time when the message was received or created.   |
| Expiration date   | The expiration date of the request.   |
| Actions   | <p>Actions you can perform after you receive a schedule offer or request to trade. The possible actions are:</p> <ul style="list-style-type: none"> <li>• Click  (Edit) to edit an existing request.</li> <li>• Click  (Delete) to delete the request. See <a href="#">"Deleting Requests" on page 25</a> for more information.</li> </ul> <p><b>NOTE:</b> You can only perform these actions if you initiated the request.</p> |
|  (New Exception Request)     | Create a new exception request.   |
|  (New Schedule Swap Request) | Create a new schedule swap request.   |

## Viewing Requests

To view the details of an existing request, click the Request Type for that request.

## Exception Requests

Exception requests are used to request time off. The exception request is sent to your administrator for approval.

### Creating an Exception Request

Create an exception request whenever you need to ask for time off.

#### To create an exception request:


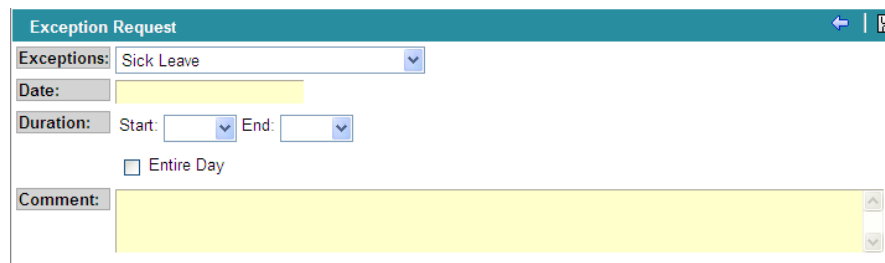


1. From the Inbox List toolbar, click  (New Exception Request). The Exception Request pane appears ([Figure 7](#)).

Figure 7. Exception Request pane



2. Select the exception that most closely applies to your situation from the Exceptions drop-down list.

**NOTE:** If the list of available exceptions does not apply to your situation, talk to your supervisor.

3. Enter the date when you need time off in the Date field. See ["Entering Dates" on page 16](#) for more information.
4. Enter the start time and end time for your exception in the Start and End fields. If the duration is an entire day, select the Entire Day check box.
5. If necessary, enter the reason why you are requesting this exception in the Comment field.
6. Click  (Save) to create your exception request.
7. Click  (Back) to return to the Inbox List pane.

Your request is added to the list and sent to your administrator for approval. The status on your exception request displays the following message:

Submitted/Waiting for validation.

## Editing Exception Requests

You can edit an exception request you created at any time prior to approval.

### To edit an exception request:


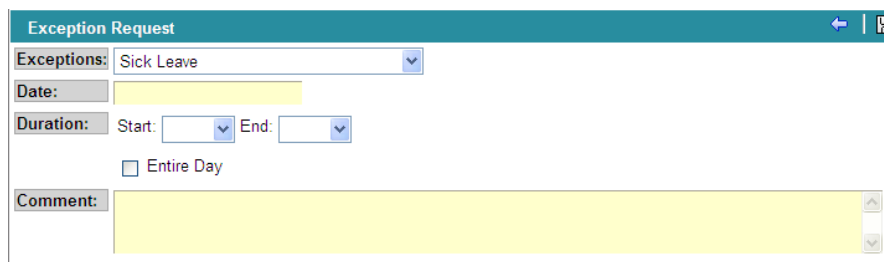


1. From the Inbox List, click  (Edit) in the Actions column next to the exception request you want to edit. The Exception Request pane appears (Figure 8).

Figure 8. Exception Request



2. Complete the fields. The fields are described in "Exception Requests" on page 20.
3. Click  (Save) to save your exception request.
4. Click  (Back) to return to the Inbox List pane.

Your request is updated on the list and sent to your administrator for approval. The status on your exception displays the following message:

Submitted/Waiting for validation.

## Schedule Trade Requests

Schedule Trade requests are used to trade one of your scheduled days with another agent's scheduled days.

**NOTE:** You can only trade days you are scheduled.

There are two types of schedule trade requests.

- Request a schedule trade for the same date (for example, trade a work shift that starts at 7:00 am for another work shift that starts at 3:00 pm on the same day)
- Request a schedule trade for a different day (for example, trade a scheduled work day for a scheduled day off)


Requests are sent to the administrator for approval.

When you create a schedule trade request from the Inbox, you also choose the agent with whom you want to trade schedules. This differs from posting a schedule trade request on the bulletin board, where any agent can accept the trade request.

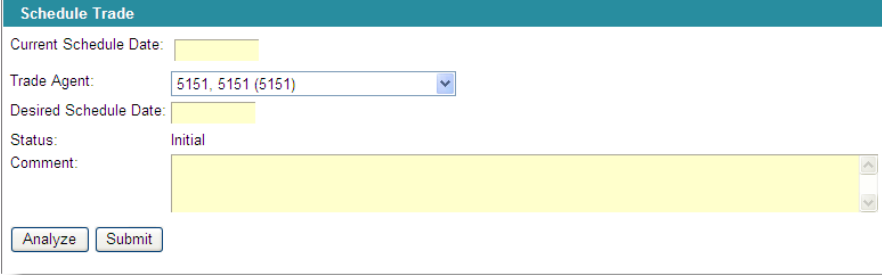
### Creating Schedule Trade Requests

Use this procedure when you want to trade a scheduled day with another agent.

#### To create a schedule trade request:

1. From the Inbox List, click  (New Schedule Swap Request) in the toolbar. The Schedule Trade pane appears ([Figure 9](#)).

**Figure 9.** Schedule Trade pane



2. Enter the date you want to trade in the Current Schedule Date field and the Desired Schedule Date field. See ["Entering Dates" on page 16](#) for more information. When entering a date, consider the following information.
  - If you want swap shifts on the same day with another agent, enter the same date in the Current Schedule Date field and the Desired Schedule Date field. For example, you swap your work shift on Monday morning with another agent's Monday afternoon work shift.
  - If you want to trade one of your days off with another agent's day off:
    - In the Current Schedule Date field, enter the date of the other agent's current day off. This is the date you want to have off.
    - In the Desired Schedule Date field, enter the date of your current day off. This is the date you want to trade to the other agent.

For example, you work Monday and have Tuesday off. Agent B has Monday off and works Tuesday. Enter Monday's date (the day you work/the day you want off) in the Current Schedule Date field and Tuesday's date (the day Agent B works/the day you have off) in the Desired Schedule Date field. When the request is submitted and approved, you will have Monday off and work Tuesday, and Agent B will work Monday and have Tuesday off.

**NOTE:** You can only trade days that you and the other agent are scheduled to work. Selecting a date when an agent is not scheduled to work causes a validation error.

3. Select the agent with whom you want to trade your schedule from the Trade Agent drop-down list.
4. Enter the reason why you are requesting this trade in the Comment field.
5. Click Analyze to display both schedules ([Figure 10](#)). The Analyze button only displays the schedules side-by-side. It performs no validation. Generally, a Yes in the Compatibility column for CSQs or Teams indicates this is a valid trade request.

**Figure 10. Schedule Trade: Analyze**

| Name    | FirstName | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|---------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Agent00 | Sim       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Agent00 | Sim       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |

|              |              |
|--------------|--------------|
| Items :      | Compatible : |
| Availability | No           |
| CSQ Mappings | No           |
| Teams        | Yes          |
| CSQs         | Yes          |
| Time Zones   | No           |

6. Click Submit to send your schedule trade request to the agent with whom you want to trade.


Your request is added to the list and sent to the agent for approval. The status on your schedule trade request displays the following message:

Submitted/Waiting for Validation

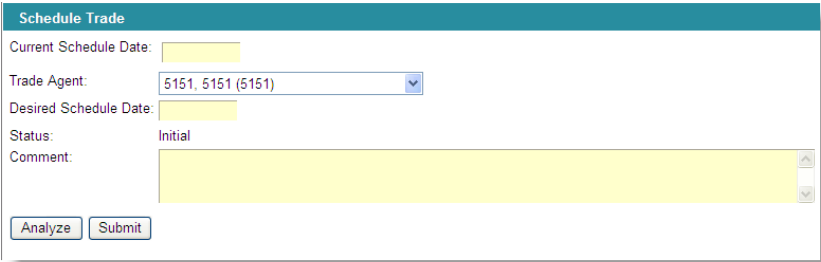
### Editing Schedule Trade Requests

You can edit a Schedule Trade request after you submit it but only before the other agent accepts the request and the request is sent to the administrator for approval.

**To edit a schedule trade request:**

1. From the Inbox List, click  (Edit) in the Actions column next to the schedule trade request you want to edit. The Schedule Trade pane appears (Figure 11).

**Figure 11. Schedule Trade**



2. Enter the changes you desire and then click Analyze.
3. If the results indicate that a trade is possible, click Submit to send your edited schedule trade request to the agent with whom you want to trade.

Your request is updated and sent to the agent for approval. The status on schedule trade request displays the following message:

Submitted/Waiting for Validation

### Approving or Denying Schedule Trade Requests

You can approve or deny any schedule trade request sent to your inbox.

WFM allows you to compare your schedule with another agent's schedule before approving the request. When you click the Analyze button on the Request Details pane, WFM displays your schedule and the other agent's schedule side by side for the specified day. Agents and administrators can validate compatibility by looking at the following fields:

- Availability
- CSQ Mappings
- Teams
- CSQs
- Time Zones

Generally, a Yes in the Compatibility column for CSQs or Teams indicates this is a valid trade request.

**To approve or deny a schedule trade request:**

1. From the Inbox List, click Work Shift Grab in the Request Type column. The Schedule Trade pane appears (Figure 12).

**Figure 12. Schedule Trade pane**

The screenshot shows a 'Request Details' pane with the following information:

- Request Type: Work Shift Grab
- Date: 02-11-2008
- Trade from: Sim Agent014
- Schedule: 02-13-2008
- With: Sim Agent002
- Schedule: 02-13-2008
- Status: Submitted/Waiting for Validation
- Description: Submitted on 2008-02-11 15:12 by Sim Agent014

Below the details is a 'Comment:' field with a yellow background and a scroll bar. At the bottom are three buttons: 'Analyse', 'Approve', and 'Deny'.

2. Click Analyse to display both schedules.

Generally, a Yes in the Compatibility column for CSQs or Teams indicates this is a valid trade request.

3. Click Approve to accept the schedule trade request or Deny to reject the schedule trade request.


The request is validated and sent to the administrator for approval. The status on schedule trade request displays the following message:

Validated/Waiting for Approval

**Deleting Requests**

You can delete any request that displays  (Delete) in the Actions column on the Inbox List.

**To delete a request:**

- From the Inbox List, click  (Delete) next to the request you want to delete. The request is removed from the Inbox List. WFM displays the following message:

Delete done.

The request no longer appears in the Inbox List.

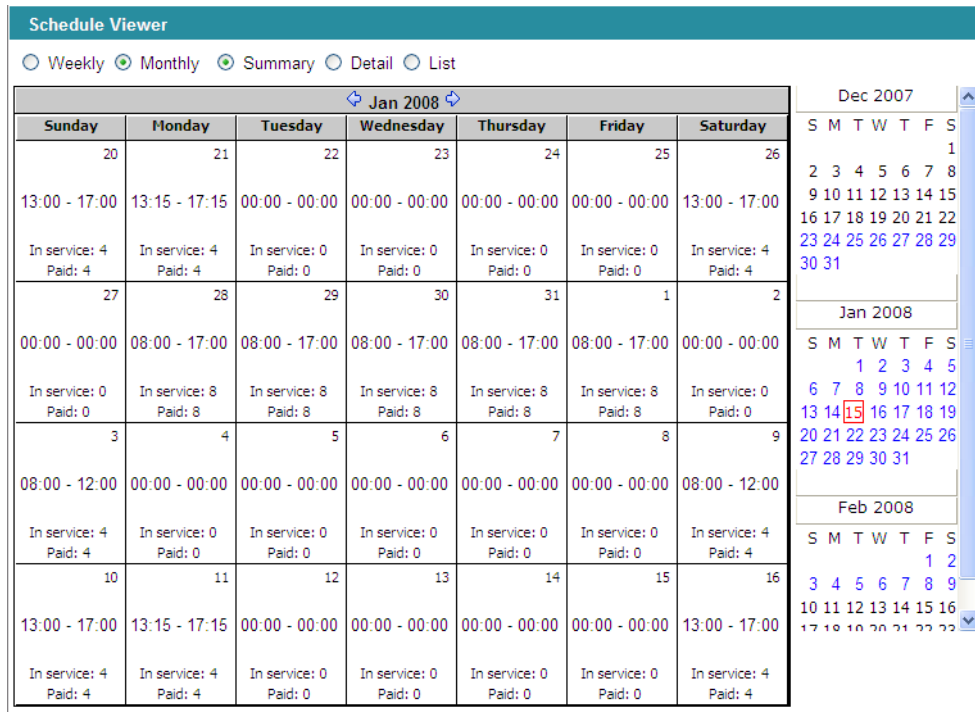
## Schedules

Use the My Schedules pane to display your schedules by day, week, or month with a summary, detailed, or list view. The number of past and future schedules displayed by WFM is set by the WFM administrator.

### Schedule Viewer

The Schedule Viewer (Figure 13) provides an overview of your schedule. To access the Schedule Viewer pane, choose My Page > My Schedules. Use the Schedule Viewer to display your schedules by day, week, or month with a summary, detailed, or list view.

Figure 13. Schedule View



### Choosing a Time Period

You can choose one of the following time period options:

- Weekly — Displays the current week.
- Monthly (default view) — Displays a month (four full weeks starting with the current day).

### Choosing the Level of Detail

After you specify the time period, you can choose one of the following level of detail options:

- Summary (default view) – Displays the start and end times for each scheduled day, the number of hours in service, and the number of hours paid.
- Detail – Displays the schedule detail by interval for each day.
- List – Displays the start and end times for each break, lunch, in service, exception, and work condition.

### Using Arrows to Select a Month

You can choose the month to be displayed. Click the arrows on either side of the month and date at the top of the calendar to display the previous month or the next month.

### Selecting a Date from the Calendar

You can select the first date displayed in the Schedule Viewer from the Select Date Calendar. Selectable dates are highlighted in blue, and the current date is highlighted in red.

**NOTE:** Your schedule is displayed forward from the date you select. Schedules for dates before your selected date are not displayed. For example, if you are scheduled to work Monday–Friday and you select Wednesday as the first date to display, your schedules for Monday and Tuesday are not displayed.

### Viewing Detailed Schedule Information

To view detailed schedule information for a specific day, click the start and end time for the day. The Detailed Schedules pane appears (Figure 14).

Figure 14. Detailed Schedules

| Detailed Schedules               |       |       |       |       |       |       |       |       |       |       |       |            |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 02-19-2008                       |       |       |       |       |       |       |       |       |       |       |       |            |       |       |       |       |       |       |       |       |       |       |       |       |
| day                              | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00      | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
| Tuesday 19                       |       |       |       |       |       |       |       |       |       |       |       |            |       |       |       |       |       |       |       |       |       |       |       |       |
| Detail                           |       |       |       |       |       |       |       |       |       |       |       | Date       | CSQ   |       |       |       |       |       |       |       |       |       |       |       |
| 00:00 - 18:00 = Available        |       |       |       |       |       |       |       |       |       |       |       | 2008-02-19 | 5176  |       |       |       |       |       |       |       |       |       |       |       |
| 18:00 - 22:00 = CSQ Group Closed |       |       |       |       |       |       |       |       |       |       |       | 2008-02-19 | 5176  |       |       |       |       |       |       |       |       |       |       |       |
| 22:00 - 23:59 = Available        |       |       |       |       |       |       |       |       |       |       |       | 2008-02-19 | 5176  |       |       |       |       |       |       |       |       |       |       |       |
| In service:                      |       |       |       |       |       |       |       |       |       |       |       | 0hrs       |       |       |       |       |       |       |       |       |       |       |       |       |
| Overtime:                        |       |       |       |       |       |       |       |       |       |       |       | 0hrs       |       |       |       |       |       |       |       |       |       |       |       |       |
| Available:                       |       |       |       |       |       |       |       |       |       |       |       | 20hrs      |       |       |       |       |       |       |       |       |       |       |       |       |
| Break:                           |       |       |       |       |       |       |       |       |       |       |       | 0hrs       |       |       |       |       |       |       |       |       |       |       |       |       |
| Lunch:                           |       |       |       |       |       |       |       |       |       |       |       | 0hrs       |       |       |       |       |       |       |       |       |       |       |       |       |
| Exception:                       |       |       |       |       |       |       |       |       |       |       |       | 0hrs       |       |       |       |       |       |       |       |       |       |       |       |       |
| Assignment:                      |       |       |       |       |       |       |       |       |       |       |       | 0hrs       |       |       |       |       |       |       |       |       |       |       |       |       |
| Project:                         |       |       |       |       |       |       |       |       |       |       |       | 0hrs       |       |       |       |       |       |       |       |       |       |       |       |       |
| Not Available:                   |       |       |       |       |       |       |       |       |       |       |       | 0hrs       |       |       |       |       |       |       |       |       |       |       |       |       |
| Paid/Unpaid:                     |       |       |       |       |       |       |       |       |       |       |       | 4 / 20hrs  |       |       |       |       |       |       |       |       |       |       |       |       |

The fields are described below.

| Field Name    | Description  |
|---------------|--|
| Date          | Schedule date.   |
| Day           | Day of the week.   |
| Detail        | Displays the schedule in detail.   |
| Service       | Number associated with the service.  |
| CSQ           | Number associated with the CSQ.  |
| In service    | Amount of time an agent is scheduled to be logged in and ready to handle contacts.   |
| Overtime      | Amount of time the agent is scheduled to work overtime.  |
| Available     | Amount of time the agent is not scheduled but the agent's work shift allows the agent to be scheduled.                     |
| Break         | Amount of time the agent is scheduled to be on break.  |
| Lunch         | Amount of time the agent is scheduled to be at lunch.  |
| Exception     | Amount of time the agent is not handling contacts because of an exception.   |
| Assignment    | Amount of time the agent is scheduled for activities other than handling contacts.   |
| Project       | Amount of time allowed the agent to perform non-contact-related activities.  |
| Not Available | Amount of time the agent is not scheduled for the CSQ and the agent's work shift does not allow the agent to be scheduled. |
| Paid/Unpaid   | Amount of time the agent is paid and not paid.   |

## Bulletin Board

The bulletin board is a shared tool that all agents can use to post and accept schedule trade requests and offers. This allows the agent more schedule flexibility.

When you post a schedule trade request or offer on the bulletin board, you make it available to all agents in your team or CSQ. This differs from creating a schedule trade request from your inbox, where you request a trade with a specific agent.

**NOTE:** Administrators always have the final authority on any requests.

A schedule trade or offer has no impact on coverage of requirements for the team or CSQ, since only the name of the agent changes.

The Bulletin Board pane provides a summary of the current schedule offers and trades. WFM only displays messages from other agents in your team or CSQ.

The actions you can perform from the Bulletin Board pane include:

- Evaluating and accepting a schedule offer or trade
- Editing your schedule offer or trade
- Deleting your schedule offer or trade




To access the Bulletin Board, choose My Page > Bulletin Board. The Bulletin Board pane appears (Figure 15).

**Figure 15. Bulletin Board**

| Sequence† | Agent Name   | Schedule Date | Expiration Date | Status | Type  | Comment | Actions |
|-----------|--------------|---------------|-----------------|--------|-------|---------|---------|
| 7         | Sim Agent009 | 10-20-2007    | 10-19-2007      | Open   | Offer |         | ✓       |

The columns are described in the following table.

| Field Name    | Description  |
|---------------|--|
| Sequence      | The chronological order in which the offers and trade request appeared.  |
| Agent Name    | The name of the agent who initiated the schedule offer or trade request. |
| Schedule Date | The date the schedule offer or trade request was initiated.              |

| Field Name      | Description  |
|-----------------|--|
| Expiration Date | When the schedule offer or trade request expires.  |
| Status          | The current status of the schedule offer or trade request. Possible values are Open, Closed and Assigned.  |
| Type            | The request type. Possible values are Offer or Trade.  |
| Comment         | The agent's comment regarding this schedule offer or trade request.  |
| Actions         | <p>Actions you can perform on a schedule offer or request to trade. The possible actions are:</p> <ul style="list-style-type: none"> <li>• Click  (Launch) to evaluate and accept a schedule trade proposal or schedule offer from another agent. See <a href="#">"Accepting a Trade Request" on page 32</a> or <a href="#">"Accepting a Schedule Offer" on page 33</a> for more information.</li> <li>• Click  (Edit) to edit your schedule trade proposal or schedule offer. See <a href="#">"Creating Schedule Trade Requests" on page 22</a> for additional information.</li> <li>• Click  (Delete) to remove your schedule trade proposal or schedule offer. See <a href="#">"Creating Schedule Trade Requests" on page 22</a> for more information.</li> </ul> |

## Creating a Schedule Offer or Trade Request


This topic describes how to create a schedule trade request or schedule offer and post it on the Bulletin Board where other agents can accept it.

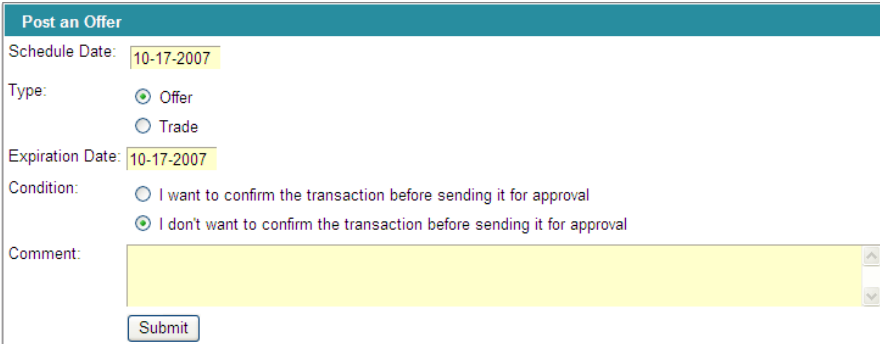
The types of schedule trades and offers you can post to the bulletin board are:

- Trade a schedule on the same day with another agent. For example, you can request to trade your Monday 7 am–11 am shift with another Monday shift. Another agent offers to take your morning shift and trade to you his Monday 2 pm–6 pm shift.
- Trade a schedule on different days. For example, you can request to trade your scheduled work day with another agent's scheduled day off.
- Offer a scheduled work shift to any agent. For example, if you are not available to work a particular shift you can offer that shift to any other agent who is available and wants the extra hours.

The schedule offer or trade request appears on the bulletin board when you submit it. When another agent accepts your schedule offer or trade request, a message appears in your inbox.

**To create a schedule offer or trade request:**

1. From the Bulletin Board, click  (New) to create a new schedule offer. The Post an Offer pane appears ([Figure 16](#)).

**Figure 16. Post an Offer**



2. Enter the date of the schedule you want to offer in the Schedule Date field. See ["Entering Dates" on page 16](#) for more information.
3. Choose one of the following options:
  - Offer — Choose this option when you want make your schedule available to others (for example, when you plan to be absent for a day).
  - Trade — Choose this option when you want to trade your schedule with another agent.

**NOTE:** You can also initiate a schedule trade request with a specific agent from your inbox. See ["Creating Schedule Trade Requests" on page 22](#) for more information.

4. Enter the date when this offer will expire in the Expiration Date field.

**NOTE:** The expiration date must be greater than the current date and less than the scheduled date. For example, if the current date is 10/11/08 and the Scheduled Date is 10/18/08, specify an expiration date between 10/12/08 to 10/17/08.

5. Choose one of the following options:
  - I want to confirm the transaction before sending it for approval — Choose this option to confirm a transaction before sending it to the administrator for approval.

- I don't want to confirm the transaction before sending it for approval – Choose this option to send this transaction directly to the administrator for approval.
- 6. Enter the reason why you are initiating this offer or trade in the Comment field.
- 7. Click Submit to post your schedule offer or trade request on the bulletin board.
- 8. Click  (Back) to return to the bulletin board. The schedule offer or trade appears on the Bulletin Board. When another agent accepts the offer or trade, the accepted offer or trade appears in the administrator's inbox, where the administrator can approve or deny it.


**NOTE:** You can edit the request after you submit it and before the other agent accepts the request. See ["Editing a Schedule Trade or Offer Request" on page 35](#) for more information.

## Accepting a Trade Request

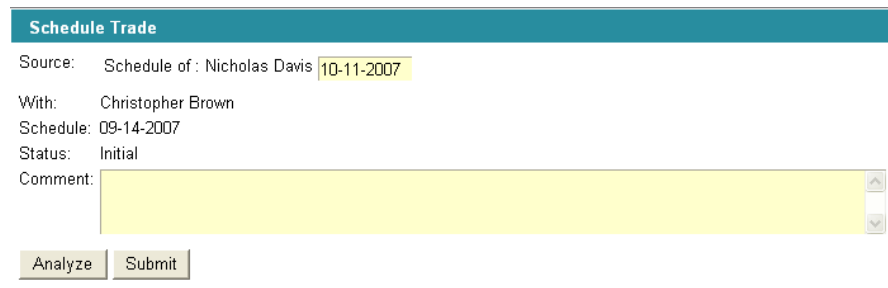
Trade requests appear on the bulletin board. You can accept any trade offer that appears on your bulletin board.

Perform this procedure when you want to accept a trade request from another agent.

### *To accept a trade request:*

1. From the Bulletin Board pane, click  (Accept Swap) next to the schedule offer trade request you want to accept. The Schedule Trade pane appears ([Figure 17](#)).

**Figure 17. Schedule Trade**



**Schedule Trade**

Source: Schedule of : Nicholas Davis 10-11-2007

With: Christopher Brown

Schedule: 09-14-2007

Status: Initial

Comment:

Analyze Submit

2. Enter the date of the schedule you want to offer in the Source field. See ["Entering Dates" on page 16](#) for more information.
3. Enter the reason you are accepting this trade request in the Comment field.

4. Click Analyze to display your schedule and the other agent's schedule (Figure 18).

**Figure 18. Schedule Trade: Analysis**

| Name         | Firstname    | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|--------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Agent001     | Sim          |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Agent002     | Sim          |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Items :      | Compatible : |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Availability | No           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| CSQ Mappings | No           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Teams        | Yes          |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| CSQs         | Yes          |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |

5. Compare the schedules. The default colors are:
  - Dark grey—not available for scheduling
  - Light grey—available for scheduling, but not scheduled
  - Red—exception
  - Blue—working on a project
  - Green—in service
  - Pink—meal time
  - Yellow—break
  - Magenta—on assignment
6. If a Yes appears in the Compatibility column for CSQs or Teams, the two schedules are compatible. Click Submit to send your schedule trade acceptance to the agent with whom you want to trade your schedule.

On your bulletin board, the accepted trade displays Assigned in the Status field. The accepted trade appears in the administrator's inbox, where the administrator can approve or deny the accepted trade.

### Accepting a Schedule Offer

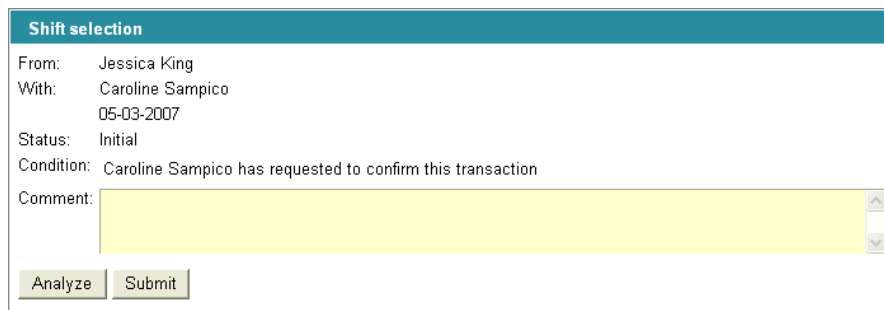
Schedule offers appear on the bulletin board. You can accept any schedule offer that appears on your bulletin board.

Perform this procedure when you want to accept a schedule that from another agent.

**To accept a schedule offer:**

1. From the Bulletin Board pane, click  (Accept Offer) next to the schedule offer you want to accept. The Shift Selection pane appears ([Figure 19](#)).

**Figure 19. Shift Selection**



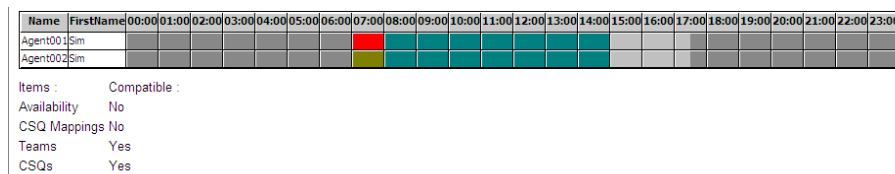
**Shift selection**

From: Jessica King  
 With: Caroline Sampico  
 05-03-2007  
 Status: Initial  
 Condition: Caroline Sampico has requested to confirm this transaction  
 Comment:

Analyze Submit

2. Enter the reason why you are accepting this schedule offer in the Comment field.
3. Click Analyze to display both schedules ([Figure 20](#)).

**Figure 20. Shift Selection: Analysis**



| Name     | Firstname | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Agent001 | Sim       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Agent002 | Sim       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |

Items :            Compatible :

Availability    No

CSQ Mappings No

Teams            Yes

CSQs            Yes


4. If a Yes appears in the Compatibility column for CSQs or Teams, the two schedules are compatible. Click Submit to send your schedule offer acceptance.

On your bulletin board, the accepted schedule offer displays Assigned in the Status field. The accepted schedule offer appears in the administrator's inbox, where the administrator can approve or deny the accepted offer.

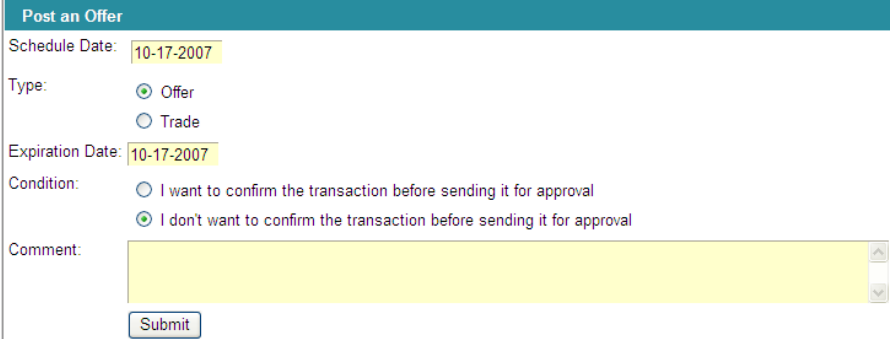
## Editing a Schedule Trade or Offer Request

You can edit a schedule trade request or offer that you created at any time prior to approval.

### To edit a schedule trade or offer request:

1. From the Bulletin Board, click  (Edit) in the Actions column next to the schedule trade or offer request you want to edit. The Post an Offer pane appear ([Figure 21](#)).

**Figure 21.** Post an Offer



Post an Offer

Schedule Date: 10-17-2007

Type:  Offer  
 Trade

Expiration Date: 10-17-2007

Condition:  I want to confirm the transaction before sending it for approval  
 I don't want to confirm the transaction before sending it for approval

Comment:


Submit

2. Edit the offer or trade as desired.
3. Click Submit to post your edited schedule offer or trade request on the bulletin board.

## Deleting a Schedule Trade or Offer Request

You can delete a schedule trade request or offer that you created at any time prior to approval.

### To delete a schedule trade or offer request:

- From the Bulletin Board, click  (Delete) in the Actions column next to the schedule trade or offer request you want to delete. The request is deleted.

## Productivity

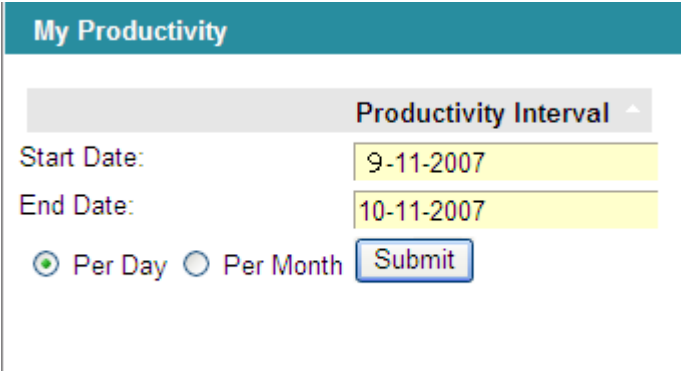
The My Productivity pane allows you to display your productivity by day or month for a specified interval in your productivity dashboard. The data is presented in graphic and tabular formats.

Use this procedure to view your productivity information.

### To view your productivity information:

1. From the Navigation tree, choose My Page > Productivity. The My Productivity pane appears (Figure 22).

Figure 22. My Productivity



The screenshot shows a web form titled "My Productivity". At the top right, there is a dropdown menu labeled "Productivity Interval". Below this, there are two input fields: "Start Date:" with the value "9-11-2007" and "End Date:" with the value "10-11-2007". At the bottom, there are two radio button options: "Per Day" (which is selected) and "Per Month". To the right of these options is a "Submit" button.

2. To view your productivity for a specific interval, enter the start date and end date for the interval in the Start Date and End Date fields.

**NOTE:** You must chose dates for which you actually worked.

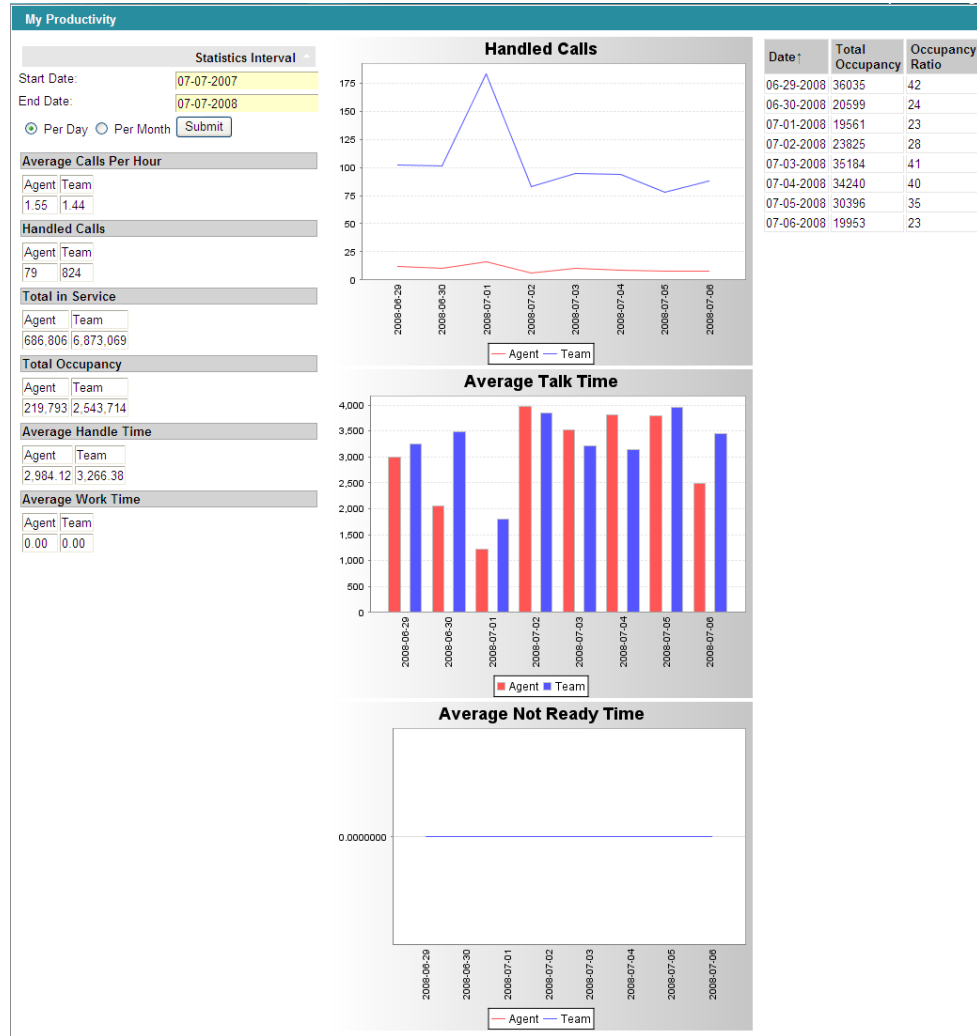
3. Choose one of the following options:
  - Per Day — Select this option to display your productivity by day.
  - Per Month — Select this option to display your productivity by month.
4. Click Submit to display the information. WFM displays your My Productivity dashboard (Figure 23 on page 37).

### The My Productivity Dashboard

The My Productivity dashboard (Figure 23 on page 37) displays your productivity for the selected interval. You can use it to compare your productivity against your team's productivity and your team's objectives.

The appearance of the My Productivity dashboard can be modified to suit your preferences. See ["Customizing Dashboards" on page 13](#) for more information on modifying the My Productivity dashboard.

**Figure 23. My Productivity dashboard**



The My Productivity dashboard fields are described below.

| Field Name | Description   |
|------------|---|
| Start Date | Start date for the statistics interval.                             |
| End Date   | End date for the statistics interval.                               |
| Per Day    | Select this option if you want to display your productivity by day. |

| Field Name             | Description  |
|------------------------|--|
| Per Month              | Select this option if you want to display your productivity by month.  |
| Average Calls per Hour | Average number of calls answered by you and your team within the selected interval.  |
| Handled Calls          | Total number of calls that are answered by you and your team within the selected interval.   |
| Total in Service       | Time in seconds spent by you and your team answering calls, performing after-call work and waiting to take calls.  |
| Total Occupancy        | Total logged-in time you and your team spent on active contact handling states (for example, on incoming calls, in wrapup activity, on outbound calls) within the selected interval. |
| Average Handle Time    | Average time in seconds you and your team spent handling contacts to completion, including talk time plus after-contact work time, within the selected interval.                     |
| Average Work Time      | Average time in seconds you and your team spent completing work after a call is ended or a response to an email is sent that directly relates to the call or email.                  |
| Total Occupancy        | Displays the logged-in time that you and your team spent in active contact handling states (inbound calls, wrapup activity, and outbound calls) on the selected day.                 |
| Occupancy Ratio        | Percentage of time you and your team spent answering customer contacts.  |

## Statistics

---

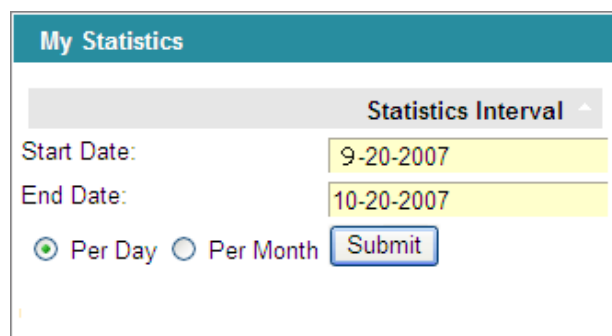
The My Statistics pane allows you to display your statistics by day or by month for a specified interval. The data is presented in tabular format.

Use this procedure to display the My Statistics pane.

### *To display my statistics:*

1. From the Navigation menu, choose My Page > Statistics. The My Statistics pane appears ([Figure 24](#)).

**Figure 24.** My Statistics pane



The screenshot shows a web form titled "My Statistics". At the top right of the form is a "Statistics Interval" dropdown menu. Below it are two text input fields: "Start Date:" with the value "9-20-2007" and "End Date:" with the value "10-20-2007". Below the date fields are two radio buttons: "Per Day" (which is selected) and "Per Month". To the right of the radio buttons is a "Submit" button.

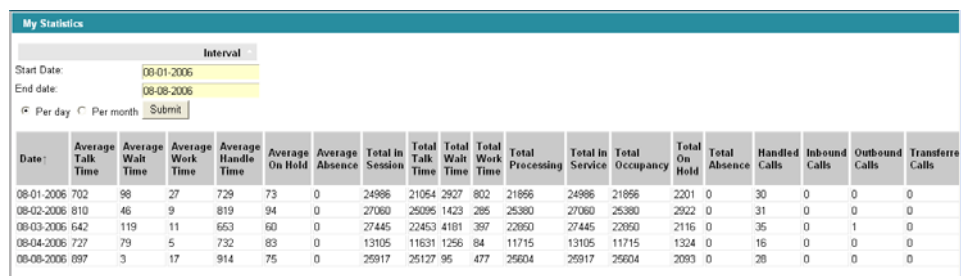
2. To view your statistics for a specific interval, enter the start date and end date for the interval in the Start Date and End Date fields.
3. Select one of the following options:
  - Per Day – Select this option to display your statistics by day.
  - Per Month – Select this option to display your statistics by month.
4. Click Submit to display the My Statistics dashboard ([Figure 25 on page 40](#)).

### **The My Statistics Dashboard**

The My Statistics dashboard ([Figure 25 on page 40](#)) displays your statistics for the selected interval.

The appearance of the My Statistics dashboard can be modified to suit your preferences. See ["Customizing Dashboards" on page 13](#) for more information on modifying the My Statistics dashboard.

**Figure 25. My Statistics**



The My Statistics fields are described in the following table.

| Field Name          | Description  |
|---------------------|--|
| Date                | Date associated with the statistics shown. <ul style="list-style-type: none"> <li>If you select the Per day view, dates are each day within the selected interval.</li> <li>If you select the Per month view, dates are the first day in the month.</li> </ul> |
| Average Talk Time   | Average elapsed time from when a call is answered to when it is disconnected.  |
| Average Wait Time   | Average time spent in Ready state waiting for a call.  |
| Average Work Time   | Average time to complete after-contact work directly associated with a completed call or sent email,   |
| Average Handle Time | Average time to handle a contact to completion, including talk time plus after-contact work time.  |
| Average On Hold     | Average time a caller remains on hold.   |
| Average Absence     | Average time spent in the Not Ready state, unavailable to take calls.  |
| Total in Session    | Total time logged in.  |
| Total Talk Time     | Total elapsed time from when a call is answered until the call is disconnected.  |
| Total Wait Time     | Total time spent in the Ready state waiting for calls.   |
| Total Work Time     | Total time to complete after-contact work directly associated with a completed call or sent email,   |

| Field Name             | Description   |
|------------------------|---|
| Total Processing       | Total processing time spent handling calls, waiting for calls, and completing after-contact work.                       |
| Total in Service       | Total elapsed time from when you answer a call until you disconnect.  |
| Total Occupancy        | Total logged-in time spent in active contact handling states (on inbound and outbound calls and in after-contact work). |
| Total on Hold          | Total time callers spent on hold.   |
| Total Absence          | Total time spent in the Ready state, unavailable to take calls.   |
| Handled Calls          | Total number of calls answered (not blocked or abandoned).  |
| Inbound Calls          | Total number of inbound calls.  |
| Outbound Calls         | Total number of outbound calls.   |
| Transferred Calls      | Total number of transferred calls.  |
| In Session Ratio       | Percentage of time logged in during this schedule period.   |
| Processing Ratio       | Percentage of in service time spent handling call or in the Not Ready state.  |
| Occupancy Ratio        | Percentage of time spent answering customer contacts.   |
| Average Calls per Hour | Average number of calls handled per hour.   |
| Real-time Adherence    | Measurement of how closely the agent adheres to the planned work schedule.  |
| Real-time Conformity   | Measurement of how closely the agent conforms to the planned work schedule.   |



---

## A

### **abandoned contact**

A call or other type of contact that has been offered into a communications network or telephone system, but is terminated by the person originating the contact before any conversation takes place. In an outbound calling scenario, abandoned calls refer to contacts that are disconnected by the automated dialer once live contact is detected and no agent is available to match up with the call.

### **ACD (Automatic Call Distributor)**

A specialized phone system used for handling many incoming calls. The ACD recognizes and answers incoming calls and looks in its database for call routing instructions. It sends the call to a recording, to a voice response unit (VRU), or to an available agent according to the instructions for that call. An ACD normally produces information that tracks both calls and agent performance.

### **ACW (After Call Work)**

Work immediately following an inbound call or transaction. If work must be completed before the agent can handle the next contact, then ACW is factored into the average handle time (AHT). After call work might involve entering activity codes, updating databases, filling out forms, or placing an outbound contact. The agent is unavailable to receive any inbound calls while in this state. Also called wrapup and post contact processing (PCP).

**adherence**

The percentage of time that agents follow their schedules. When calculating adherence, WFM considers scheduled arrival and departure times, breaks, lunches, and time spent on scheduled activities. For example, an agent who is scheduled to arrive at 08:00 and leave at 16:00 and sticks to the schedule for the entire day is adhering to the schedule 100%.

**adjustment factor**

Increases or decreases the selected value by the specified percentage in a forecast or scenario. For example, if you apply an adjustment factor of 1.05 when calculating a forecast, WFM increases the forecast by 5%. If you apply an adjustment factor of 0.95, WFM decreases the forecast by 5%.

**administrator**

A user role with the highest level of access to WFM, able to configure and administer the application. An administrator can also have the roles of scheduler and supervisor.

**agent**

1. The person who handles calls and email in a contact center. Also called a customer service representative or telephone sales representative.
2. A user role in WFM with the most restricted access to the application. The agent role cannot be assigned to users who have other roles.

**AHT (Average Handle Time)**

The average amount of time it takes to handle a contact to completion, including talk time plus after-contact work time. To calculate, divide the total seconds of work time by the number of contacts.

**AOD (Average Open Days)**

The average number of days that a contact center is open. The average number of open days does not include all closed and open holidays, and closed days that are not weekends.

**APT (Average Processing Time)**

The average time necessary for agents to process email. Process time is elapsed time from when an agent opens the email until the agent sends the email, and includes the time when the agent is actively writing a response to the email.

**ASA (Average Speed of Answer)**

The average time it takes to answer a call. The ASA is calculated as the sum of the queue time for calls answered during the interval and divided by the number of calls answered during the interval.

---

**assignment**

A type of fixed work shift that does not cover requirements. Use this work shift type to schedule agents for non-phone-related activities for entire days or weeks.

**ATT (Average Talk Time)**

The average elapsed time from when an agent answers a call until the agent disconnects.

**AWT (Average Work Time)**

Also known as After Call Work (AWC). The average time required by an agent after a conversation is ended or a response to an email is sent, to complete work that is directly associated with the call or email just completed. Does not include time for any activities such as meetings, breaks, or correspondence.

**B****block of hours**

The duration of a work shift (for example, six hours). You can set up to 28 different work conditions for the same block of hours.

**break**

An activity during which an agent is not handling contacts because of a work condition.

**business orientation**

The result you intend to obtain during the year and the means you use to reach that result. For example, desired results can include:

- 10% contact volume growth
- 5% sales increase
- 5% reduction in labor turnover rate

**C****call distribution scenario**

The calculation of the percentage of the day's calls, by day in each schedule period. It also identifies the average talk time and work time per call for each half hour increment.

**closed day**

A day when the contact center does not handle contacts. If the contact center is only open Monday through Friday, you would designate Saturdays and Sundays as closed days.

**concurrent users**

The users who are logged into WFM at any given time. The maximum capacity for concurrent users is the total number of users that can be logged into WFM at any given time.

**configured user**

Any scheduled or recorded agent plus all other users with active login rights to Workforce Optimization (WFO) applications (for example, supervisors, managers, quality evaluators, or schedulers). The maximum capacity for configured users is the total number of users who can be configured in WFM. See also named user.

**conformity**

The percentage of time an agent works the right amount of time regardless of the time of day when the agent works. Schedule conformity does not take arrival and departure times into account. For example, an agent who is scheduled to work from 08:00–16:00, but instead works from 10:00–18:00 would be conforming, but not adhering, to the schedule.

**contact center**

A business center with two or more persons that provides customer services by phone, email, and fax. A contact center can be help desks, customer service centers, catalog sales centers, reservation centers, or telemarketing/collection operations.

**contact**

A connection via voice or email from a customer to an agent in the customer contact center.

**CSQ (Contact Service Queue)**

In Unified CCX, a group of agents to which contacts are routed. It is generally associated with a specific skill.

**CSQ mapping**

A mechanism used by Unified CCX to link agents with a CSQ. It usually reflects an agent's skill within the contact center. A CSQ mapping has no other purpose or effect. The Sync Service extracts a CSQ identity from Unified CCX, and loads it into WFM and also creates a CSQ mapping for it in WFM. WFM uses the CSQ mapping when creating schedules.

---

**customer service representative**

A service representative who handles customer calls and contacts, including account inquiries, complaints, and support calls.

**D****database**

A collection of related data or information organized in such a way that it can be easily retrieved or manipulated.

**debugging file**

A log file (with the \*.dbg file extension) that contains diagnostic information that can help resolve issues. WFM creates debugging logs by default. If you want debugging turned off, you must edit the appropriate configuration file.

**distribution scenario**

Contains the contact (call or email) volume history for each period, day, and week in the specified reference period. It includes the calculation of the percentage of the day's calls or email by day in each schedule period. It also identifies the average talk time or average processing time and work time per call for each half hour increment.

**DN (Directory Number)**

A phone number customers dial to connect to a specific skill group. This is the customer's first point of entry into the PBX/ACD.

**E****email distribution scenario**

The calculation of the percentage of the day's email by day in each schedule period. It also identifies the average processing time and work time per email for each half hour increment.

**error code**

A brief description of a system event.

**exception**

Any unplanned activity in an employee's work schedule, including meetings, training sessions, unscheduled breaks, and absenteeism.

## F

### **firm date**

A fixed date on a calendar (for example, January 1). Create a firm date association between two days when you want to generate a forecast for a specific date using a specific date in the past as the contact volume projection for a specified date in a forecast period.

### **fixed work shift**

A work shift that covers requirements for fixed hours and days. Use this work shift type to schedule agents for phone and email-related activities for entire days or weeks. A fixed work shift has the following characteristics:

- Work days during the week are fixed
- Hours worked each day are fixed, but do not have to be the same for each day
- The shift start time each day is fixed, but does not have to be the same for each day

### **forecast scenario**

A forecast that is not immediately applied to a schedule. You can create a forecast scenario from the Forecast Scenario List pane. If you think the forecast scenario is more accurate than a regular forecast, you can apply the forecast scenario to a schedule.

### **forecast**

A prediction of future events. In WFM, a forecast uses historical contact information from a specified period to estimate the future contact volume and scheduling requirements for a contact center. See also, standard forecast and strategic forecast.

### **FTE (Full-time Equivalent)**

The number of total hours scheduled divided by the maximum number of compensable hours in a work year. For example, if the work year is defined as 2,080 hours, then one worker occupying a paid full time job all year consumes one FTE. Two employees working for 1,040 hours each consume one FTE between the two of them.

## G

### **gap**

The difference between the number of agents scheduled and the number of agents forecasted to be needed. See also negative gap and positive gap.

---

**generic exception**

A high level type of exception that an agent can select when requesting time off. For example, a generic exception can be absence, sick leave, or vacation. If an agent has a doctor appointment, the agent selects the sick leave generic exception and specifies a doctor appointment in the Comment field.

**H****handled call**

A call that is answered by an employee (as opposed to being blocked or abandoned).

**handle time**

The combination of conversation time and after call work time.

**historical data**

The contact and agent information captured on reports generated by the ACD over a period of time. WFM uses this information to generate schedule forecasts and strategic planning forecasts.

**I****idle time**

The time when an agent is ready and available to take contacts, but there are no contacts to take.

**impact delay**

A delay, typically in days, between a special event and its impact.

For example, the impact delay for a radio promotion is 0, because as soon as the broadcast starts, the customers start calling the contact center. The impact delay for a sales brochure mailed to customers could be 2 days, and starts the moment the sales brochures were mailed (launch date) and ends when the customers receive the sales brochures and start calling the contact center.

**in service**

An activity during which an agent is scheduled to be logged in and ready to handle contacts.

### **ISO week date**

The ISO week date system is a leap week calendar system that is part of the ISO 8601 date and time standard. The system is used in government and business for fiscal years, as well as in timekeeping.

The system uses the same cycle of 7 weekdays as the Gregorian calendar. Weeks start with Monday. ISO years have a year numbering which is approximately the same as Gregorian years, but not exactly. An ISO year has 52 or 53 full weeks (364 or 371 days). The extra week is called a leap week.

A date is specified by the ISO year in the format YYYY, a week number in the format ww prefixed by the letter W, and the weekday number, a digit data from 1 through 7, beginning with Monday and ending with Sunday. For example, 2006-W52-7 (or in its most compact form, 06W527) is the Sunday of the 52nd week of 2006. In the Gregorian system this day is called 31 December 2006.

The system has a 400-year cycle of 146,097 days (20,871 weeks) with an average year length of exactly 365.2425 days, just like the Gregorian calendar. In every 400 years there are 71 years with 53 weeks.

## **K**

### **KPI (Key Performance Indicator)**

The most critical measures of performance in any organization, typically productivity measures.

## **L**

### **log file**

A log file (with the \*.log file extension) contains event messages and, if problems occur, warning and other error messages. All messages in log files are identified by an error code.

### **long-term strategic plan**

A forecast that determines business orientations and budget for a period of months or a year. See also short-term strategic plan.

### **linearly**

An option for handling email. WFM divides all email received during business hours by the number of intervals in a work shift to determine the number of emails handled during each half hour. WFM follows the same procedure with email received after business hours.

---

**lunch**

An activity during which an agent is not handling contacts because of a work condition.

**N****N/A (Not Available)**

An activity during which an agent is not scheduled for a CSQ and the agent's work shift does not allow the agent to be scheduled.

**named user**

Any scheduled or recorded agent plus all other users with active login rights to Workforce Optimization (WFO) applications (for example, supervisors, managers, quality evaluators, or schedulers). See also *configured user*.

**negative gap**

There are not enough agents to meet the schedule requirements. If there is a negative gap, you need to find agents to fill that gap in the schedule.

**no deferring**

An option for handling email. During business hours, agents must handle all email received during the half hour when it is received. After business hours, agents must handle all email received after business hours during the first half hour of the next day.

**non-linearly**

An option for handling email. During business hours, WFM schedules the agents to handle 50% of the email received during the first half hour and divides the number of email handled for each remaining half hour by 50%, until the last half hour in the work shift. During the last half hour in the work shift, agents are expected to complete the remaining email. WFM follows the same procedure with email received after business hours.

**non-phone activity**

Any activity that prevents an agent from answering phones. Non-phone activities include meetings, training sessions, PTO, email, vacation, lateness, holiday, unscheduled breaks, and absenteeism. See also, *offline activity*.

**not scheduled**

An activity during which an agent is not scheduled to work.

## O

### **occupancy ratio**

The percentage of time an agent spends answering customer contacts for each interval versus the agent's total time in session.

### **occupancy**

The percent of logged-in time that an agent spends in active contact handling states (for example, on incoming calls, in wrapup activity, or outbound calls).

### **offline activity**

Any exception that prevents agents from answering customer contacts. They can be activities that are external to the customer contact center efforts, such as illness and vacation, or internal, such as training and department meetings. For strategic planning and vacation purposes, WFM tracks these activities to determine the offline activity FTE ratio for the contact center. The typical FTE ratio for offline activities corresponds to 20–30% of monthly FTE. See also, non-phone activity.

### **open day**

A day when the contact center handles contacts. WFM displays all calendar days open by default. Monday through Friday are typical examples of open days.

### **outside hours**

An activity during which the CSQskill group/service is closed and agents are not handling contacts.

## P

### **paid exception**

An exception for which an employee is paid (for example, sick leave).

### **PBX (Private Branch Exchange)**

A private telephone exchange located on the user's premises and connected to the public network via trunks. Also known as a PABX (private automatic branch exchange).

### **positive gap**

The number of agents scheduled exceeds the schedule requirements. When there is a positive gap, the time can be used for exceptions, assignments, or projects. For example, a 30-minute meeting with four agents can be scheduled after the schedule is produced when there is a positive gap of four or more agents.

---

**post-production planning**

The process of scheduling agents for non-service activities, such as meetings or training, after a schedule has been generated. The WFM Post-Production Activity Planning pane can be used to find times when agents can be scheduled for activities so that the service level is least affected.

**precision %**

A percentage indicating how precise the forecast was when compared to the actual contact volume. The formula used to determine precision is:

forecasted contact volume ÷ actual contact volume

**privilege**

The permission to perform a transaction. For example, the ability to accept schedule trades or delete skills.

**processing time**

The time necessary for agents to process email. Process time is elapsed time from when an agent opens an email until the agent sends a reply. This includes the time when the agent is actively writing a response to the email.

**productivity ratio**

The percentage of time a CSQ spends answering customer contacts.

**project**

A non-routine activity that prevents agents from answering contacts. Projects are generally assigned to optimize agent idle time. These non-routine activities occur each work shift and can be assigned for periods of a day or a week. They can be activities that are internal to the customer contact center efforts, such as answering email and sending faxes.

**PTO (Paid Time Off)**

An exception type assigned to an agent by a scheduler to more fully define a general exception.

**Q****queue**

The “waiting line” for delayed calls. A queue holds the call until an agent is available. It can also refer to a list of items waiting to be processed (for example, email).

## R

### **real-time adherence**

Measurement of how closely agents stick to their planned work schedule. Real-time statistics are available from the ACD to show the current state of any agent; these states can be compared to an agent's schedule to determine adherence at any point in time.

### **resource requirement estimation**

A calculation that looks at the existing work shift types, CSQs and forecast dates, and work shift types (including hours and work conditions) and creates a resource scenario based on calculated resources required to cover the specified forecast dates.

### **resource scenario**

A scenario that contains the estimated resource requirements per work shift duration for a specified day during the work week. You can create a resource requirements scenario from the Resource Requirements Calculation pane (What-ifs > Resource). To view existing resource scenarios for a work day, go to the Existing Resource Requirements Calculations (What-ifs > Resource List).

### **role**

A collection of privileges. A user can have one or many roles. Users have the collective privileges across all roles assigned to them. If multiple roles are assigned to a user, the user sees a combination of topics on the Navigation menu that reflect the roles assigned to the him or her. There are four roles with specific limitations: agent, administrator, scheduler, and supervisor. See also privilege, agent, administrator, scheduler and supervisor.

## S

### **schedule adherence**

The percentage of time an agent follows the schedule. When WFM calculates this percentage it takes into account scheduled arrival and departure times, breaks, lunches, and time spent on scheduled activities. For example, an agent who is scheduled to arrive at 08:00 and leave at 16:00 and sticks to the schedule for that day is adhering to the schedule.

### **schedule conformity**

The percentage of time an agent works the right amount of time regardless of the time of day when the agent works. Schedule conformity does not take arrival and departure times into account. For example, an agent who is scheduled to work 08:00–16:00, but instead works 10:00–18:00 is conforming, but not adhering, to the schedule.

---

**schedule**

A record that specifies when an employee is supposed to be on duty to handle contacts. A schedule includes the days of the week worked, start time, break times and durations (as well as paid/unpaid status), and stop time.

**scheduler**

A user role in WFM. A scheduler can also have the roles of administrator, scheduler, and supervisor.

**scope**

A set of boundaries in which privileges apply. WFM sets scope by role, privilege, and view. Some transactions have no scope restriction (for example, setting preferences). A supervisor who can create schedules can only create schedules for agents assigned to the teams associated with the view assigned to the supervisor.

**service goal**

A definable service objective. For example, answering 80% of calls within the first 20 seconds.

**service level or service level objective**

A speed of answer goal, often expressed as a percentage, for answering calls within a specified number of seconds or email within a specified number of hours. For example, 80% of all calls answered within 20 seconds or 100% of email answered within 24 hours.

**shift offer**

An agent makes a shift available to others (for example, when the agent plans to be absent for a day).

**shift trade**

An agent offers to trade shifts with another agent.

**short-term strategic plan**

A forecast that determines business orientations and budget for a period of weeks or by day. See also long-term strategic plan.

**skill**

A developed aptitude or ability (for example, speaking a foreign language).

**special event**

A type of event that causes contact volume to deviate from normal (for example, a power outage that shuts down the contact center or a special offer that increases call volume). In WFM, you can define special events that might cause a forecasted call volume to be above or below normal and assign a special event to a specific date for specific skill groups/services. This allows you to identify points in time when a special event altered contact volume for the skill group/service.

**standard forecast**

A prediction of future events for any specified period. The distribution of a standard forecast is by day and interval. See also forecast and strategic forecast.

**strategic forecast**

A prediction of future events for a future period of 6, 12, 18, or 24 months. The distribution of a strategic forecast is by ISO month and week. See also, forecast and standard forecast.

**supervisor**

A supervisor is the person who has first-line responsibility for the management of a group of agents, and often is able to monitor agents and system performance. It is also a role in WFM. Supervisors can also be assigned roles as administrator and scheduler.

**T**

**talk time**

The elapsed time from when an agent answers a call until the agent disconnects.

**team**

A group of agents. An agent can belong to many teams. WFM generates reports by team.

**trend**

The year-to-year change in contact volume. A trend tells you the percentage of change in contact volume for the current year over the same period last year. The method for determining the trend is dependent on the extent of historical data stored in WFM.

---

## U

### **unpaid exception**

An exception for which an employee is not paid (for example, a doctor appointment).

### **user**

A person who can log into WFM. A user can be linked to an agent identity to take calls.

## V

### **variable work shift**

A work shift that covers requirements for variable hours and days. In contrast to a fixed work shift, a variable work shift offers flexibility in at least one of the following ways:

- You can designate at least one day a week as an optional work day. You can choose whether or not to schedule an agent for an optional work day based on the customer contact center's requirements.
- You can designate the total work hours for at least one day a week as variable.
- You can designate the arrival time for at least one day a week as variable.

### **view**

The level of accessibility a user has in WFM. For example, you can assign a view that is associated with one or more users, CSQs, CSQ mappings, teams, work conditions, work shifts, and exceptions.

### **virtual skill group**

A collection of skill groups unified (or merged) into a single skill group. It can be associated with multiple skill groups. WFM uses the virtual skill group when generating statistics, schedules, and forecasts.

### **virtual service**

A collection of services unified (or merged) into a single service. It can be associated with multiple virtual services. WFM uses the virtual service when generating statistics, schedules, and forecasts.

## W

### **work condition**

A set of rules used to identify a routine activity that prevents the agent from answering contacts. These routine activities, such as breaks and lunches, occur during every work shift.

### **work shift rotation**

A work shift in which an agent works different shifts over several weeks.

### **work shift**

The hours and days when an agent can work. It includes days, hours, arrival, and departure times.

### **Workforce Management**

1. The art and science of having the right number of agents, at the right times, to answer an accurately forecasted volume of incoming calls at the service level standard set by the contact center. 2. A Cisco product.

### **wrapup time**

The time required by an agent after a conversation is ended or a response to an email is sent, to complete work that is directly associated with the call just completed. Does not include time for any activities such as meetings, breaks, or correspondence.

---

# Index

---

|   |          |                                 |
|---|----------|---------------------------------|
|   | <b>B</b> |                                 |
| Bulletin Board                          |          | My Productivity                 |
| accepting a schedule offer 34           |          | displaying 36                   |
| accepting a trade request 32            |          | overview 36                     |
| creating a schedule offer 31            |          | My Schedule                     |
| creating a trade request 31             |          | overview 26                     |
| overview 29                             |          | My Schedule, displaying by      |
|   |          | week and list 29                |
|   |          | My Statistics                   |
|   |          | displaying 39                   |
|   | <b>D</b> |                                 |
| dashboard                               |          | <b>N</b>                        |
| customizing 13                          |          | navigation pane, using 9        |
| displaying                              |          |                                 |
| date format 13                          |          | <b>P</b>                        |
|   | <b>G</b> |                                 |
|   |          | preferences 13                  |
| glossary 43                             |          |                                 |
|   | <b>I</b> | <b>S</b>                        |
| icons, description of 11                |          | selecting                       |
| introduction 5                          |          | date 16                         |
|   |          | setting preferences 13          |
|   |          | statistics                      |
|   |          | overview 39                     |
|   | <b>L</b> |                                 |
|   |          | <b>T</b>                        |
| logging into WFM 8                      |          |                                 |
|   | <b>M</b> | table                           |
|   |          | sorting a column 9              |
|   |          | viewing table with many rows 10 |
| My Inbox                                |          |                                 |
| creating a schedule trade request 22    |          |                                 |
| creating an exception request 20        |          |                                 |
| deleting a request 25                   |          |                                 |
| editing a schedule trade request 24, 35 |          |                                 |
| editing an exception request 21         |          |                                 |

