



Quality Management

User Guide

1 General Description

The Quality Monitoring Scorecard feature in Call Recording Portal allows users with proper privileges to evaluate calls by “scoring” or “marking” them based on a set of predefined criteria.

The criteria are defined in Scorecard Templates. A Scorecard Template is associated to a “group” in the Call Recording Portal. Groups may represent company departments or any other logical entity.

When a call is to be “scored”, it is selected from the “Browse” page. When the call recording is found, the scorecard templates associated to this groups may be used to evaluate the call. Once the call is “scored”, the scorecard results are saved for retrieval or reporting purposes.

The Call Recording Portal currently provides reports on scorecard results with several filtering options providing great flexibility in reporting statistics.

2 Getting Started: Creating and Importing Scorecards

2.1 Creating Scorecards

Scorecards can be created in Excel and imported into the call recording portal via a comma separated value (or CSV) file. The structure of that file dictate the scorecards questions, weights, and capabilities.

Scorecard File Format Overview

Each scorecard is composed of 5 distinct objects:

- **Scorecard Name** -- This is the name of the Scorecard as it will appear inside the call recording portal
- **Group** -- This is the identifier of the Group name inside the call recording portal where this scorecard should appear. If you are unsure of your group name contact your Administrator.
- **Section** – Each scorecard can be composed of multiple sections to logically organize the questions. For instance, the scorecard may have a section that contains questions about the opening of the call and another section with questions about the closing of the call.
- **Question** – Each question will have a unique entry underneath its parent section.
- **Answer** – Each answer will have a unique entry underneath its parent question.

A scorecard can contain 1 or more sections each with 1 or more questions. Each question can have one or more answers that are assigned a score.

Scoring Answers

Each question can have 1 more answers that the scorer selects from a drop-down list. The answer can be any text value such as Yes/No or Y/N or whatever is appropriate for the question. Each answer is given a score. For example, if the scorer selects “Yes” the question is given a score of 1 and if the scorer selects “No” this question is given a score of 0.

A given answer can also cause the entire question to be “excluded” from the score. For instance, if the question was about asking for permission to place the caller on hold and the caller wasn’t placed on hold, then this question can be excluded from this call’s score. In this example, an answer of “N/A” can be placed in the scorecard and when that is selected by the scorer, this question is ignored when tabulating the score.

Weights

Weights are used when calculating the score and can be used to assign heavier emphasis by serving as a multiplier when the score is tabulated. A higher weight denotes a higher area of emphasis. Weights can be assigned at both a question AND a section level. A weight acts like a multiplier when the score is tabulated:

A question with a weight of 2 is worth twice as much as a question with a weight of 1. Each question’s score is multiplied by the weight of the question when calculating the score.

A section with a weight of 2 is worth twice as much as a section with a weight of 1. All of the scores in each section are added up and then multiplied by the weight of the section when calculating the score.

The overall score is calculated based upon the total score possible on that survey (the call got a perfect score).

- Each question has a weight (default of 1)
- Each answer has a score that is multiplied by the question's weight
- Each section has a weight (default of 1)
- The sum of the answers in that section are multiplied by the section's weight
- Therefore, total score possible is the sum of each Section as follows:
 - o Section 1 – the cumulative sum (of the highest value answer to each question multiplied by that question's weight) multiplied by the section's weight
 - o Section 2 – the cumulative sum (of the highest value answer to each question multiplied by that question's weight) multiplied by the section's weight
 - o Section N – the cumulative sum (of the highest value answer to each question multiplied by that question's weight) multiplied by the section's weight

The scorecard's question response values, question weights, and section weights need to be taken into consideration when designing the scorecard

CSV File Format Summary

A single CSV file may include multiple scorecards

Entries are hierarchical and at least one entry is required at each level, i.e. a scorecard that does not have separate sections must define at least 1 section.

A line starting with the # symbol is considered to be a comment

A non-comment line must contain comma-separated fields. The number of fields on each line depends on the type of entry. The valid entries include:

- Scorecard, name, comments
- Group, name
- Section, name, weight, comments
- Question, name, weight, comments
- Answer, description, value, excluded, autofail, comments

About the fields:

- "name", "description" and "comments" fields are text strings. The string fields must be surrounded by double quotes, e.g. "Group Name". To support commas and double-quotes in this field, the \ shall be interpreted as an escape character.
- "weight" fields are decimal values with a default value of 1.0
- "value" field is an integer with no default value

- "excluded" and "autofail" are booleans, and accept values of true or false, yes or no, 0 or 1 with a default value of false
- keywords (Group, Scorecard, Question, Answer) are case-insensitive and are mandatory at the beginning of the line.
- The "name", "description" and "value" fields are mandatory. The remaining fields are optional and must be represented by a comma separator.

Example "Customer Service QA Form" Excel file prior to exporting in CSV format

Scorecard	Customer Service QA Form		
Group	eip-1000000006 (SP)		
#			
Section	Opening Call	1	
Question	Used Standard Greeting - Intro	1	
Answer	No	0	
Answer	Yes	1	
Question	Confirmed Employer Name	2	
Answer	No	0	
Answer	Yes	1	
#			
Section	Information Verification / Data Collection	2	
Question	Verify Customer Name	2	
Answer	No	0	
Answer	Yes	1	
Question	Verify Customer Contact Info		

Answer	No	0	
Answer	Yes	2	
#			
Section	Establishing Purpose of Call	1	
Question	Reason for Call	1	
Answer	No	0	
Answer	Yes	1	
Question	Confirmed We can Help	1	
Answer	No	0	
Answer	Yes	3	
Question	Referred to KB on Web	1	
Answer	No	0	
Answer	Yes	1	
#			
Section	Customer Service Skills	2	
Question	Asked Hold Permission	1	
Answer	No	0	
Answer	Yes	1	
Answer	NA	0	TRUE
Question	Use Customer First Name	1	
Answer	No	0	
Answer	Yes	1	
Question	Confirmed Issue Resolved	2	
Answer	No	0	
Answer	Yes	3	

Question	Clarified Next Steps	2	
Answer	No	0	
Answer	Yes	1	

Example "Customer Service QA Form" CSV file

```

Scorecard,"Customer Service QA Form" ,,,,
Group,eip-1000000006 (SP),,,,
#,,,,,
Section,"Opening Call",1,,,
Question,"Used Standard Greeting - Intro",1,,,
Answer,No,0,,,
Answer,Yes,1,,,
Question,"Confirmed Employer Name",2,,,
Answer,No,0,,,
Answer,Yes,1,,,
#,,,,,
Section,"Information Verification / Data Collection",2,,,
Question,"Verify Customer Name",2,,,
Answer,No,0,,,
Answer,Yes,1,,,
Question,"Verify Customer Contact Info" ,,,,
Answer,No,0,,,
Answer,Yes,2,,,
#,,,,,
Section,"Establishing Purpose of Call",1,,,
Question,"Reason for Call",1,,,
Answer,No,0,,,
Answer,Yes,1,,,
Question,"Confirmed We can Help",1,,,
Answer,No,0,,,
Answer,Yes,3,,,
Question,"Referred to KB on Web",1,,,
Answer,No,0,,,

```

Answer,Yes,1,,
#,,,,
Section,"Customer Service Skills",2,,
Question,"Asked Hold Permission",1,,
Answer,No,0,,
Answer,Yes,1,,
Answer,NA,0,TRUE,,
Question,"Use Customer First Name",1,,
Answer,No,0,,
Answer,Yes,1,,
Question,"Confirmed Issue Resolved",2,,
Answer,No,0,,
Answer,Yes,3,,
Question,"Clarified Next Steps",2,,
Answer,No,0,,
Answer,Yes,1,,

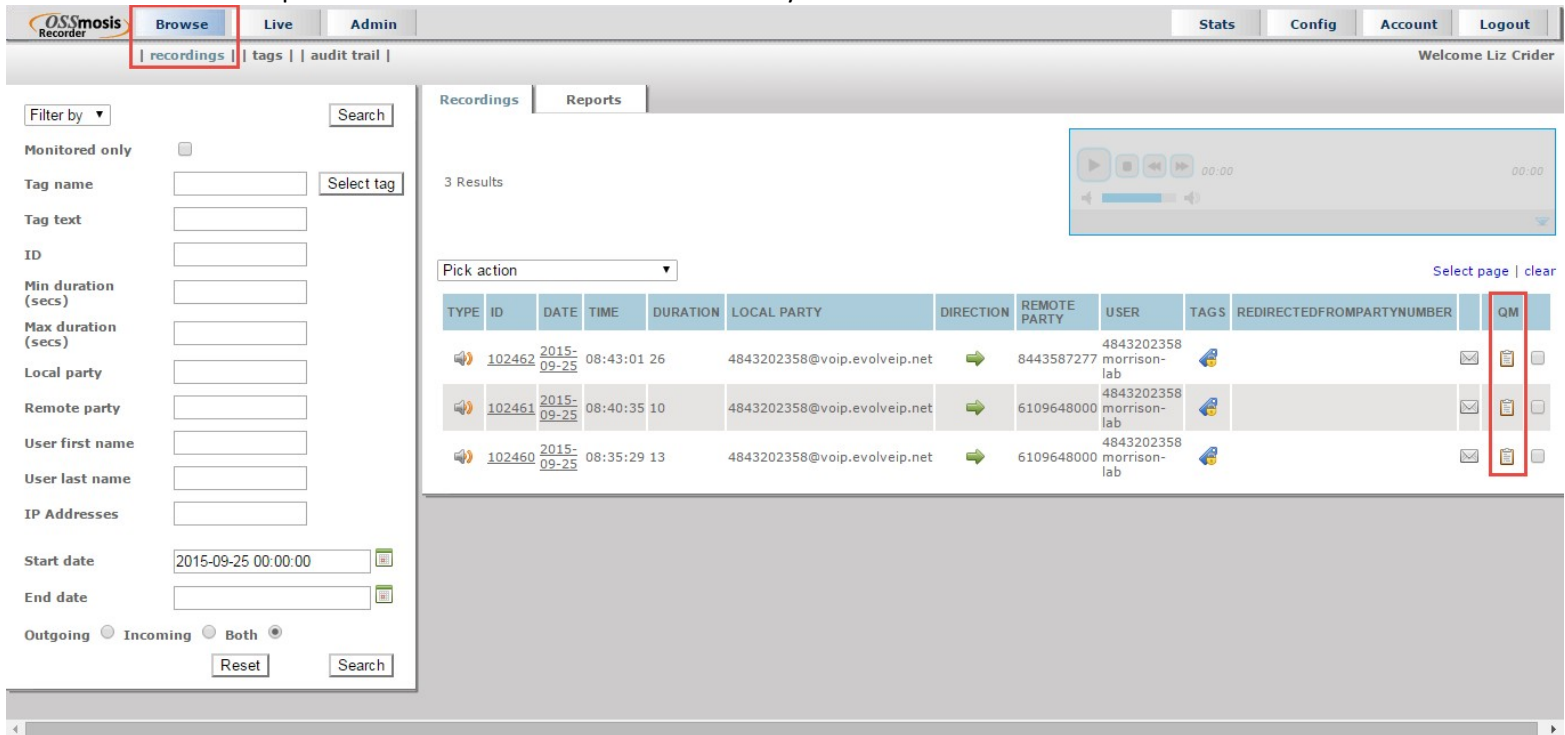
2.2 Importing Scorecards

To import a scorecard, please contact EvolveIPs Support or a Call Center Specialist. Importing Scorecards will be made available to customers once built within the new OSSmosis Call Recording UI.

3 Scoring Calls

Once the scorecards have been added you are ready to begin scoring calls.

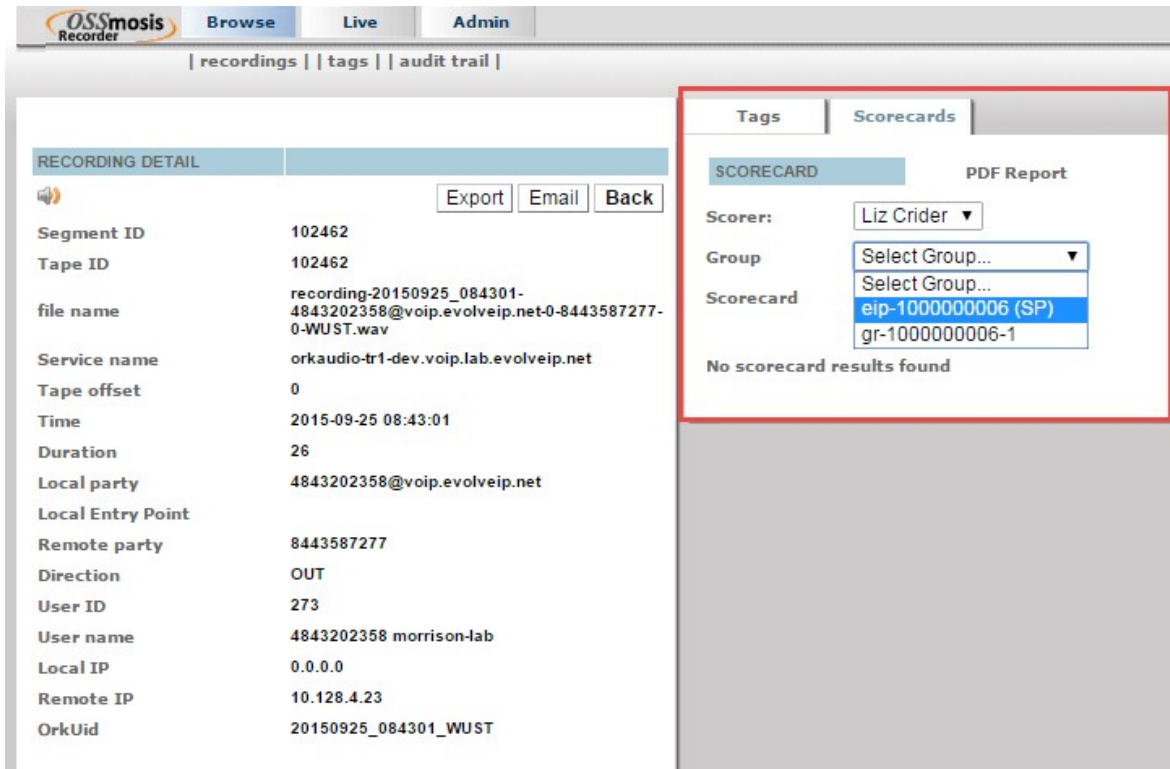
- 3.1 Select the *Browse Tab* and *Recordings*.
- 3.2 In the section of the screen where the recordings are held you will see a *QM* column. Select the clipboard icon in the column next to the call you wish to score.



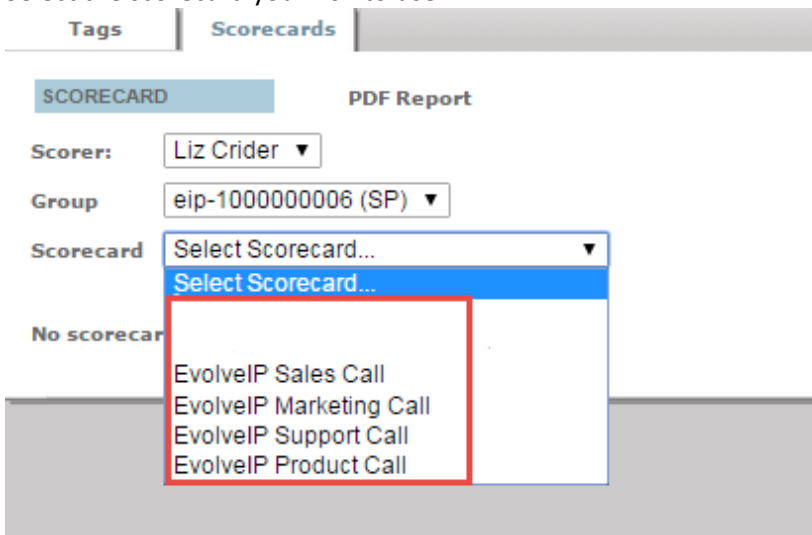
The screenshot shows the OSSmosis Recorder interface. The top navigation bar includes 'Browse', 'Live', and 'Admin' tabs, with 'Browse' selected. Below the navigation bar, there are links for 'recordings', 'tags', and 'audit trail'. The main content area is divided into 'Recordings' and 'Reports' sections. The 'Recordings' section shows 3 results in a table. A red box highlights the 'QM' column in the table, which contains clipboard icons for each recording. Another red box highlights the 'Browse' tab in the top navigation bar.

TYPE	ID	DATE	TIME	DURATION	LOCAL PARTY	DIRECTION	REMOTE PARTY	USER	TAGS	REDIRECTEDFROMPARTYNUMBER	QM
	102462	2015-09-25	08:43:01	26	4843202358@voip.evolveip.net		8443587277	4843202358 morrison-lab			
	102461	2015-09-25	08:40:35	10	4843202358@voip.evolveip.net		6109648000	4843202358 morrison-lab			
	102460	2015-09-25	08:35:29	13	4843202358@voip.evolveip.net		6109648000	4843202358 morrison-lab			

- 3.3 Another page will appear with the *Scorecards* tab selected. Select your correct Group in which your scorecards have been stored.



3.4 Once a group has been selected your scorecard options will appear in the Scorecard drop down. Select the scorecard you wish to use.



3.5 The scorecard will populate in the same view. When you are ready to score the call, select the speaker icon to begin listening to the call. Once the call has been scored, save your results.

RECORDING DETAIL

Export Email Back

Segment ID: 102462

Tape ID: 102462

file name: recording-20150925_084301-4843202358@voip.evolveip.net-0-8443587277-0-WUST.wav

Service name: orkaudio-tr1-dev.voip.lab.evolveip.net

Tape offset: 0

Time: 2015-09-25 08:43:01

Duration: 26

Local party: 4843202358@voip.evolveip.net

Local Entry Point

Remote party: 8443587277

Direction: OUT

User ID: 273

User name: 4843202358 morrison-lab

Local IP: 0.0.0.0

Remote IP: 10.128.4.23

OrkUid: 20150925_084301_WUST

Program Names

Back

TAG CREATION:

Mark recording secs. Create tag

Quick tag name Create quick tag

SCORECARD PDF Report NEW

Scorer: Liz Crider

Group: eip-1000000006 (SP)

Scorecard: EvolveIP Support Call +

Total Score: 0.00 - 0% (Max: 36.00)

Autofail: Last saved: 1969-12-31 19:00:00

Save Update Scores Reset Delete

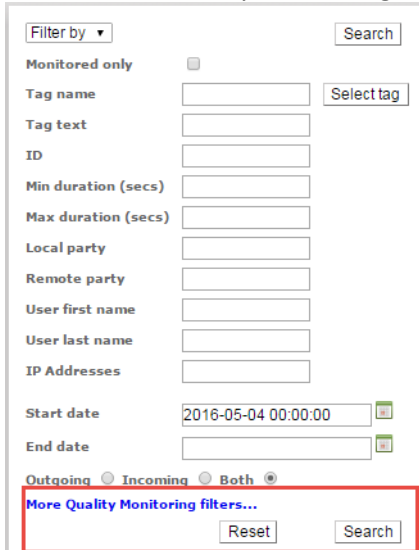
QUESTION DESCRIPTION	SCORE	COMMENTS
OPENING CALL 0.0 +		
Used Standard Greeting - Intro	1 - Yes	
Confirmed Employer Name	1 - Yes	
INFORMATION VERIFICATION / DATA COLLECTION 0.0 +		
Verify Customer Name	1 - Yes	
Verify Customer Contact Info	0 - No	Did not do this until much later in the call
ESTABLISHING PURPOSE OF CALL 0.0 +		
Reason for Call	1 - Yes	
Confirmed We can Help	0 - No	
Referred to KB on Web	0 - No	We need to continue to stress this.
CUSTOMER SERVICE SKILLS 0.0 +		
Asked Hold Permission	0 - NA	
Use Customer First Name	1 - Yes	
Confirmed Issue Resolved	3 - Yes	
Clarified Next Steps	0 - No	

Save Update Scores Reset Delete

4 Searching for Calls with Scorecards

Recorded calls can be search and filtered by Enterprise or Group that have scorecards attached to them.

4.1 Select “More Quality Monitoring filters”



Filter by ▾ Search

Monitored only

Tag name Select tag

Tag text

ID

Min duration (secs)

Max duration (secs)


Local party


Remote party

User first name

User last name

IP Addresses

Start date 

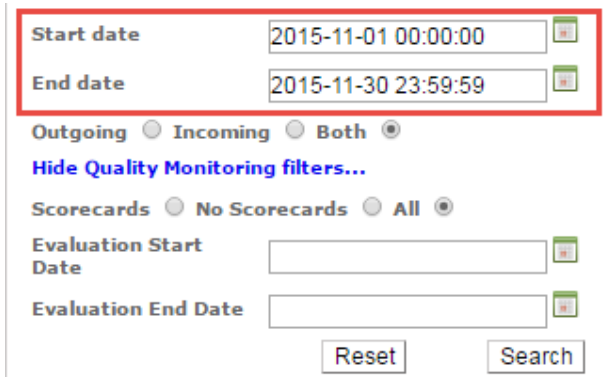
End date 


Outgoing Incoming Both


[More Quality Monitoring filters...](#)

Reset Search

4.2 In the search box enter in the Start date and End date for your search criteria.




Start date 


End date 

Outgoing Incoming Both

[Hide Quality Monitoring filters...](#)

Scorecards No Scorecards All

Evaluation Start Date 

Evaluation End Date 

Reset Search

4.3 Choose Scorecards to pull calls only with score cards attached.

Start date
 End date
 Outgoing Incoming Both
[Hide Quality Monitoring filters...](#)
 Scorecards No Scorecards All
 Evaluation Start Date
 Evaluation End Date

4.4 Enter in the same Evaluation Start Date and End Date that was entered above.

Start date
 End date
 Outgoing Incoming Both
[Hide Quality Monitoring filters...](#)
 Scorecards No Scorecards All
 Evaluation Start Date
 Evaluation End Date

4.5 Select Search. All call with Scorecard attached will pull into the recordings window.

Recordings | Reports

5 Results

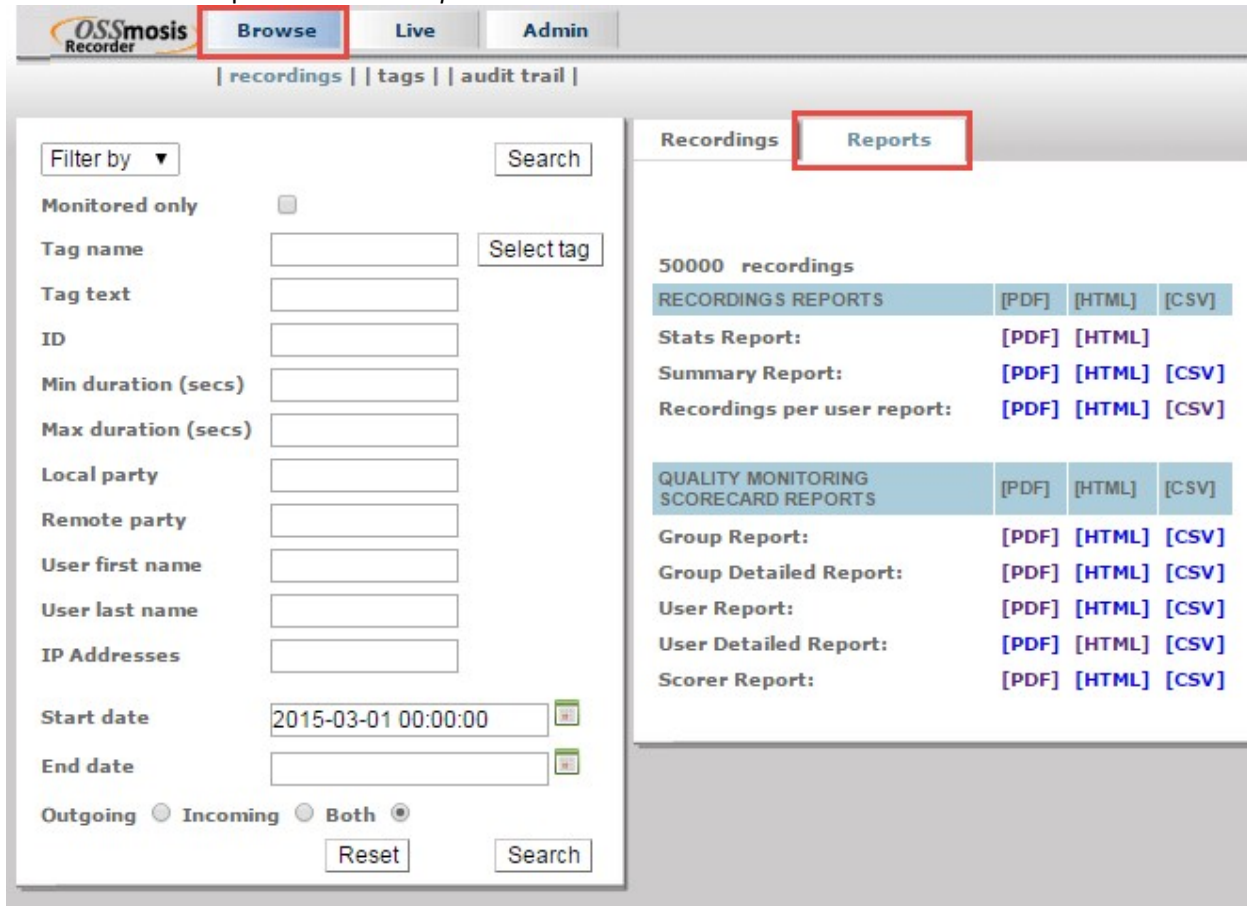
Pick action Select page | clear

TYPE	ID	DATE	TIME	DURATION	LOCAL PARTY	DIRECTION	REMOTE PARTY	USER	TAGS	REDIRECTEDFROMPARTYNUMBER	QM
	102683	2015-11-03	10:39:12	16	4845884684		7007002102@voip.evolveip.net	Bill A			
	102682	2015-11-03	10:36:36	12	4845884684		7007002102@voip.evolveip.net	Bill A			
	102666	2015-11-02	17:17:46	12	4843202358@voip.evolveip.net		+15127177739	4843202358			
	102665	2015-11-02	16:23:19	103	4843202358@voip.evolveip.net		5000	4843202358			
	102664	2015-11-02	16:13:41	40	4843202358@voip.evolveip.net		5000	4843202358			

5 Running Reports

You have access to five different reports within the Call Recording Portal: Group Report, Group Detailed Report, User Report, User Detailed Report, and Scorer Report. Each report can be run in PDF, HTML and CSV.

5.1 To run a report select the *Report* tab.



The screenshot shows the OSSmosis Recorder interface. At the top, there are navigation tabs: "Browse" (highlighted with a red box), "Live", and "Admin". Below these are links for "recordings", "tags", and "audit trail".

On the left side, there is a filter panel with the following fields:

- Filter by (dropdown)
- Search (button)
- Monitored only (checkbox)
- Tag name (input field) with a "Select tag" button
- Tag text (input field)
- ID (input field)
- Min duration (secs) (input field)
- Max duration (secs) (input field)
- Local party (input field)
- Remote party (input field)
- User first name (input field)
- User last name (input field)
- IP Addresses (input field)
- Start date (input field) with a calendar icon, showing "2015-03-01 00:00:00"
- End date (input field) with a calendar icon
- Outgoing (radio button), Incoming (radio button), Both (radio button, selected)
- Reset (button)
- Search (button)

On the right side, there are two tabs: "Recordings" and "Reports" (highlighted with a red box). Below the "Reports" tab, the following reports are listed:

- 50000 recordings
- RECORDINGS REPORTS: [PDF] [HTML] [CSV]
- Stats Report: [PDF] [HTML]
- Summary Report: [PDF] [HTML] [CSV]
- Recordings per user report: [PDF] [HTML] [CSV]
- QUALITY MONITORING SCORECARD REPORTS: [PDF] [HTML] [CSV]
- Group Report: [PDF] [HTML] [CSV]
- Group Detailed Report: [PDF] [HTML] [CSV]
- User Report: [PDF] [HTML] [CSV]
- User Detailed Report: [PDF] [HTML] [CSV]
- Scorer Report: [PDF] [HTML] [CSV]

- 5.2 In the search field enter in the start date or start and end date for the times in which you wish to pull the reports from followed by *Search*.

- 5.3 Locate the report and select the file type you wish to generate the report in. This will populate in another tab or download the CSV file.

Quality Monitoring QM Group Report



Group Name	Scored Calls	Min Score	Avg Score	Max Score
eip-1000000006 (SP)	9	16.00 44%	27.67 78%	36.00 100%