

# OMNITRACS INTEGRATION



Updated August 2<sup>nd</sup>, 2018 | [www.Carrier.MacroPointConnect.com/Technical-Documentation](http://www.Carrier.MacroPointConnect.com/Technical-Documentation)

## HOW TO CONNECT

1) To move forward with integration via Omnitracs, we will need to create a role, a user, and an integration queue.

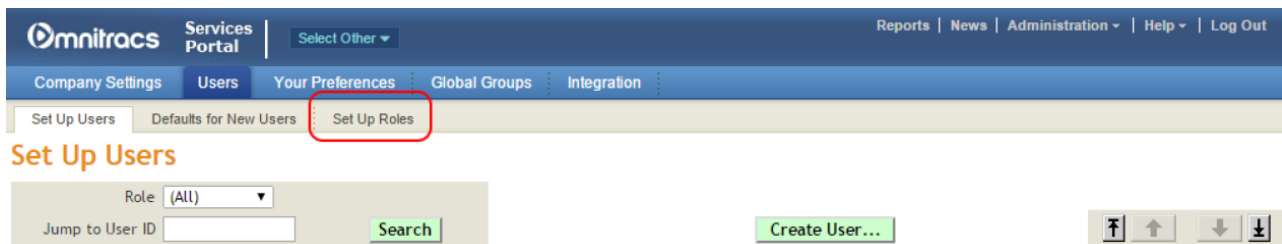
### Create MacroPoint role:

Creating a role prevents inadvertent access to non-integration related data. A role WILL NOT give us access to your user portal.

1. While logged into the Omnitracs Services Portal click the Administration drop down menu and choose Administration.



2. Click the set up roles link.



3. Click the create role button.



4. Make the role name and description "MacroPoint".

Basic Information		
	Role name	<input type="text" value="MacroPoint"/> The name that identifies this role
	Description	<input type="text" value="MacroPoint"/> Additional information describing this role
	Reserved	NoIndicates if it is a reserved role

5. Enable "Can use GeoServices, Can use QTRACS, and Can ping vehicle".

GeoServices		
[-] General		
	Can use GeoServices	<input checked="" type="checkbox"/> Allows user to access GeoServices
	Can maintain landmarks	<input type="checkbox"/> User can create, modify, and delete landmarks.
QTRACS		
[-] General		
	Can use QTRACS	<input checked="" type="checkbox"/> Allows user to access QTRACS
	Can see drivers	<input type="checkbox"/> Allows user to see drivers
	Can see driver event history	<input type="checkbox"/> Allows user to see driver event history
[-] Administration		
	Can set up vehicles	<input type="checkbox"/> Allows user to create, edit, and delete vehicles
	Can set up drivers	<input type="checkbox"/> Allows user to create, edit, and delete drivers
	Can set up macros	<input type="checkbox"/> Allows user to create, edit, and delete macros
	Can set up coverages	<input type="checkbox"/> Allows user to create, edit, and delete coverages
	Can set up address lists	<input type="checkbox"/> Allows user to create, edit, and delete address lists
	Can ping vehicle	<input checked="" type="checkbox"/> Allows user to "ping" or request an updated position from a vehicle
	Can set up vehicle message groups	<input type="checkbox"/> Allows user to create, edit, and delete vehicle message groups

6. Enable "Can see data for all assets" and "Can dequeue transactions" then click save.

MISC

[-] General

Can see alerts sent to other users	<input type="checkbox"/>	Check to see and acknowledge alerts sent to any users
Can view / acknowledge alerts	<input type="checkbox"/>	Allows a user to view and acknowledge alerts
Can maintain roles	<input type="checkbox"/>	User can create, modify, and delete roles.
Can maintain data sharing	<input type="checkbox"/>	Allows a user to enable and disable data sharing with business partners
Can set up global groups	<input type="checkbox"/>	Allows a user to create, modify, and delete global groups and their members
Can see data for all assets	<input checked="" type="checkbox"/>	Allows a user to see data for all assets; otherwise visibility is limited to only those assets within their global groups
Can dequeue transactions	<input checked="" type="checkbox"/>	User can remotely integrate to dequeue OTS transactions.
Can view offline reports	<input type="checkbox"/>	Allows a user to view offline reports

Cancel Save

### Create MacroPoint user:

Creating a user allows access to the integration.

1. Click the Set Up Users link.

OmniTracs Services Portal Reports | News | Administration ▾ | Help ▾ | Log Out

Company Settings **Users** Your Preferences Global Groups Integration

Set Up Users Defaults for New Users Set Up Roles

### Set Up Roles

✓ The role "MacroPoint" has been created.

Create Role...

Role Name ▲	Description
Admin	Administrator
MacroPoint	MacroPoint
User	User

2. Click the Create User button.

OmniTracs Services Portal Reports | News | Administration ▾ | Help ▾ | Log Out

Company Settings **Users** Your Preferences Global Groups Integration

Set Up Users Defaults for New Users Set Up Roles

### Set Up Users

Role (All) ▾

Jump to User ID  Search

Create User... ↑ ↓ ↕

3. To make troubleshooting easy:

- Make the User ID MACROPOINT
- First Name Macro
- Last Name Point
- Email [MPActivations@descartes.com](mailto:MPActivations@descartes.com)
- Choose the MacroPoint role
- Make sure "Allow user interface access" is unchecked
- Make the password MP1234567
- Click Save and Return to Users

**General**

Basic Information ?

+ = required field

User ID	MACROPOINT	Log in using this ID. Example: JSMITH
First name	Macro	
Last name	Point	
Customer Portal user	No	Indicates user is linked to a Customer Portal user account. User settings for Customer Portal users must be managed in the Customer Portal.
Require e-mail entry on next login	<input type="checkbox"/>	Check to require user to enter e-mail address on next login. Unchecking this box allows you to enter the user's e-mail address now.
E-mail	rderin@macropoint.com	Full e-mail address (example: jsmith@company.com)
Confirm E-mail	rderin@macropoint.com	
Pager e-mail		Full pager address (example: jsmith@pager.company.com). This can be any device that accepts short text messages by e-mail.
Role	MacroPoint	Admin users get all permissions, and can create other users and change company settings.
Allow user interface access	<input type="checkbox"/>	Check to permit user interface access. Unchecking this box provides user with access to Integration only.
Customize time zone settings	<input type="checkbox"/>	Check to override your company's time zone.
Time zone	Eastern Time (GMT -05:00)	

### Creating integration/subscriber queue:

We will only be subscribing to the data that is required for the integration and nothing more. The user we created in the previous step will be able to access this data and integrate into our system.

1. Click the "Integration link" on the Services Portal sub-menu.

The screenshot shows the Omnitrac Services Portal interface. The top navigation bar includes links for Reports, News, Administration, Help, and Log Out. Below this, a sub-menu contains Company Settings, Users, Your Preferences, Global Groups, and Integration. The Integration link is highlighted with a red rectangle. Below the sub-menu, there are tabs for Set Up Users, Defaults for New Users, and Set Up Roles. The main content area is titled "Set Up Users" and includes a Role dropdown menu set to (All), a Jump to User ID input field, a Search button, a Create User... button, and a set of navigation icons.

2. Click the "Create Subscriber" button.

The screenshot shows the Omnitrac Services Portal interface with the Integration link selected in the top navigation bar. Below it, the sub-menu includes Transaction Subscribers, Transaction Subscriptions, Cross Company Invitations, and General Settings. The main content area is titled "Subscribers" and features a red rectangle highlighting the "Create Subscriber..." button. A yellow question mark icon is visible in the top right corner.

3. Once again, to make things easy, please make the name MacroPoint.

The screenshot shows the Omnitrac Services Portal interface with the "Create Subscriber" form. The form has a "General" section with a "Name" field containing "MacroPoint", which is highlighted with a red rectangle. Below the Name field is a "Feed status" dropdown menu set to "Enabled". A red rectangle also highlights the "Create Subscriber..." button. A yellow question mark icon is visible in the top right corner.

4. Enable "Vehicle Position Reports" and "MCP100/200 High Frequency Vehicle Position Reports" to enable queuing of tracking data and then click the Save button.

[-] Position Feeds		Types: 4
Subscribe?	Description	Transaction Type
<input type="checkbox"/>	Trailer Position Reports	T.1.08.0
<input type="checkbox"/>	High Frequency Trailer Position Reports	T.1.18.0
<input checked="" type="checkbox"/>	Vehicle Position Reports	T.2.06.0
<input checked="" type="checkbox"/>	MCP100/200 High Frequency Vehicle Position Reports	T.2.12.0

<input type="checkbox"/>	Vir Message Delivery Notifications	T.7.03.0
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5. Note the reference number listed next to the MacroPoint subscriber. We will need this to complete the integration.

Omnitracs Services Portal Select Other ▼ Reports | News | Administration ▼ | Help ▼ | Log Out

Company Settings | Users | Your Preferences | Global Groups | **Integration**

Transaction Subscribers | Transaction Subscriptions | Cross Company Invitations | General Settings

### Subscribers ?

Name	Reference ▲	Queue Depth	Last Dequeue	Feed Status
TMW	1	3 / 500000 ( 0.00% )	1/1/15 12:00:00 AM	Enabled
MacroPoint	2	8 / 500000 ( 0.00% )	1/1/15 12:00:00 AM	Enabled

2) Please send this information to your Descartes MacroPoint Activations Consultant. If one has not yet been assigned to you, please email this information to the Descartes MacroPoint Activations Team at [MPActivations@descartes.com](mailto:MPActivations@descartes.com).

## NOTES

When requesting an API Key or user credentials to be provided for use with Descartes MacroPoint, please ensure that the credentials have administrative permissions/API access.