



Qv21
Technologies

2024

Introduction to Scenario Contracts



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Version 1.1



Introduction to Scenario Contracts – Table of Contents

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Introduction to Scenario Contracts

Welcome to Qv21's Invoicing and Driver Payroll (RIDP) modules. Before learning how to use each tool, it is essential to establish an understanding of how they function.

When completed loads are Authorized in Ticket Reconciliation by administrators, they become available to the Driver Payroll and Invoicing modules. These two modules function in a similar way: they pull all Authorized loads within a date range and assign a value to those loads.

Our software calculates the value of each load based on the scenario it pairs with, determined by 4 of the ticket's components: the Shipper, Receiver, Biller, and Commodity. After identifying which scenario a ticket belongs to, Invoicing and Driver Payroll use the rates stored in that scenario's contracts, where rate information is kept.

Scenario Contracts

Contract Template - Lower Atlantic PADD 1C - Contract 9 (Do Not Remove) (Any)

BILLING RATES AND FEES	COMPANY RATES AND FEES	CARRIER RATES AND FEES	DEFAULT CARRIER RATES AND FEES	UNION RATES AND FEES
------------------------	------------------------	------------------------	--------------------------------	----------------------

Rates

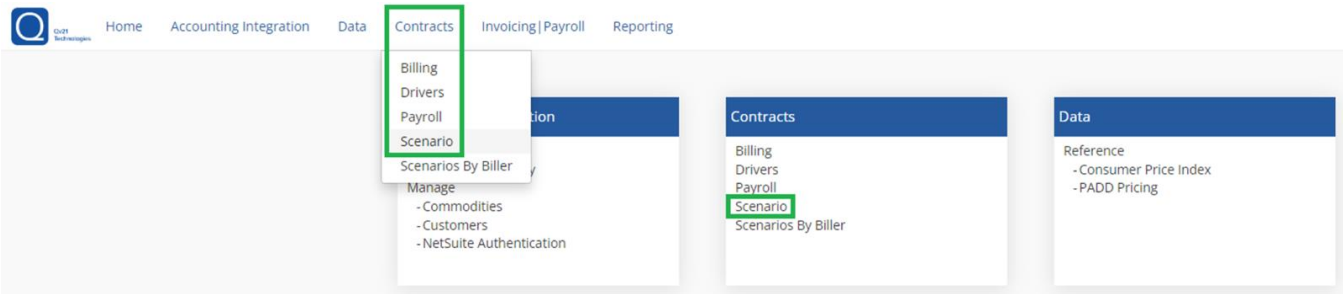
No filter

Actions	Rate	Description	User Code	1/2/2026
Trip Rates				
Load Rates +				
	PerLoad	Per Load		0
	PerTonS	Per Ton (Shipper)	MSW	12.23
	PerTonR	Per Ton (Receiver)		0
	PerGalS	Per Gallon (Shipper)		0
	PerGalR	Per Gallon (Receiver)		0
	PerHour	Per Hour		0

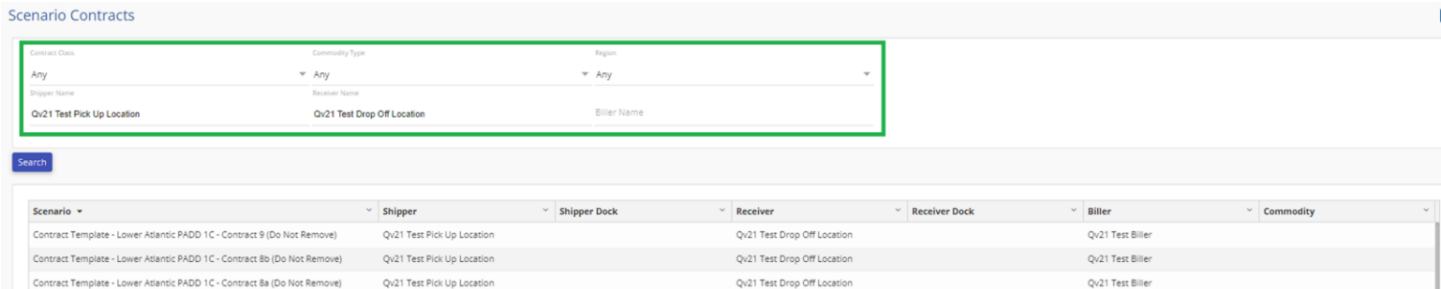


Locating the Contracts

To set a scenario's rates, locate the scenario on the Scenario Contracts page. This can be found by selecting the Scenario option under the Contracts dropdown or on the Contract tile on the Home page.



Selecting either of these options navigates the user to the Scenario Contracts page, where they can locate the scenario in need of adjustment using the search parameters. Clicking any of the search results will open the scenario.





Once opened, note that all scenarios have up to 5 distinct types of contracts and that the Billing contract is presented by default. Selecting a different tab will adjust the view to show those rates.

The contract types available for scenarios are as follows:

- | | |
|--|---|
| 1. Billing Rates and Fees | This contract is used for rating loads for billing purposes. |
| 2. Company Rates and Fees | This contract is used to conduct payroll for Company drivers. |
| 3. Carrier Rates and Fees | This contract is used to apply rates to specific carriers that other carriers do not receive. |
| 4. Default Carrier Rates and Fees | This contract is used to apply the rates for all unspecified Owner Operators that work loads for that scenario. |
| 5. Union Rates and Fees | This contract is used when drivers are classified according to unions. |

Scenario Contracts 🔍 📄 🗑️

Contract Template - Lower Atlantic PADD 1C - Contract 9 (Do Not Remove) (Any) ⌵ +

BILLING RATES AND FEESCOMPANY RATES AND FEESCARRIER RATES AND FEESDEFAULT CARRIER RATES AND FEESUNION RATES AND FEES

Rates ⌵

No filter ⌵ 📅

Actions	Rate	Description	User Code	1/2/2026
Trip Rates				
Load Rates +				
✎	PerLoad	Per Load		0

bq



Setting a Scenario's Rates

To adjust a scenario's rates, adjust one of the values in the desired contract and use the Save button in the upper-right corner to save the change.

Note that the User Codes can also be edited here. These codes help external software understand what the charges coming from Qv21 mean and are often required to properly export payroll or invoices.

In the example below, the User Code for a freight charge is the name of the commodity, and fuel surcharge rates would use the User Code "Fuel Surcharge." This helps the external system organize information properly.

Scenario Contracts

Contract Template - Lower Atlantic PADD 1C - Contract 9 (Do Not Remove) (Any)

BILLING RATES AND FEES

COMPANY RATES AND FEES

CARRIER RATES AND FEES

DEFAULT CARRIER RATES AND FEES

UNION RATES AND FEES

Rates

No filter

Actions	Rate	Description	User Code	1/2/2026
Trip Rates				
Load Rates +				
	PerLoad	Per Load		0
	PerTonS	Per Ton (Shipper)	MSW	50.00
	PerTonR	Per Ton (Receiver)		0



Standard Distance Calculations

Some scenario calculations consider the scenario's Standard Distance, or the round-trip mileage for that trip. This information is kept in the scenario's profile in the desktop software, the LogisticsFramework.

To access this value, open the Tools menu in the upper-left corner of most windows in the desktop software, select the Manage Scenarios tool, locate the desired scenario, and open it by double-clicking it or pressing Select.

The Standard Distance is displayed on the front page of the scenario's details and changes to this value will automatically influence calculations in Invoicing and Driver Payroll which reference the Standard Distance.

Edit Scenario - Test Scenario

File Edit View Tools Window Help 5.2.44.0

Test Scenario

Details

Other Info

General

Id: 6161

Region: WEST PEAK

Terminal: None

Name: Test Scenario

Foreign Key:

Pay Rate:

Standard Distance: 51

Commodity: Any

☒ Active

Rating:

Customers

Shipper: Test Pick Up Shipper Id: 10209

Shipper Tank: None

Receiver: Lansford - Rail 6 Receiver Id: 10053

Receiver Tank: None

Billor: Great Western Operating Company Bill To Id: 10034

Billor Contact: None

Save and New Save Cancel



Copying Scenario Contracts

When a scenario contract is not yet in place, it can either be copied from a similar scenario that does possess one or from a contract template prepared by Qv21. The process can be summarized in three simple steps (unless copying from a similar scenario, then only the last 2):

1. If copying from a contract template, first match the desired contract template's Biller with the desired scenario's Biller in the desktop software's Manage Scenarios.
2. In the web module's Scenario Contracts, search by Biller to open the scenario that needs the contract.
3. In the desired contract tab, select Copy From Existing Contract to copy from scenarios with matching Billers that also possess a suitable contract.

Scenario Contracts

Albany - Contres (Any)

BILLING RATES AND FEES

COMPANY RATES AND FEES

CARRIER RATES AND FEES

DEFAULT CARRIER RATES AND FEES

No contract found.

Copy From Existing Contract

Scenario Contracts

Albany - Contres (Any)

BILLING RATES AND FEES

COMPANY RATES AND FEES

CARRIER RATES AND FEES

DEFAULT CARRIER RATES AND FEES

Select an entity to copy from.

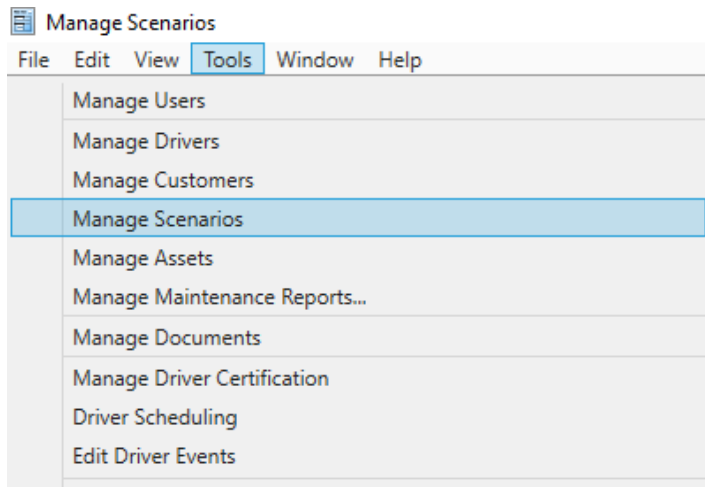
Cancel

Scenario	Shipper	Shipper Dock	Receiver	Receiver Dock	Biller	Commodity
3PL Austin Transfer Statio...	Austin Transfer	SITE	Austin Landfill	SITE	TLF999990	
3PL TLP999 2eagle to french	Double Eagle Transportati...	SITE	French Cement Facility	SITE	TLF999990	
ABC Redi 228	ABC	SITE	REDI 228	SITE	VULCAN	ASTMC-33



Below are more detailed instructions below to demonstrate how to copy over a contract template for rating. If copying from a similar scenario instead of a template, begin instead from Step 6:

1. To begin, reference the scenarios in the **Qv21 FSC Contract Guide** to see if there is a pre-existing contract that matches the desired base rate and/or calculation. If there is no match for the new calculation or a copy of the reference document is needed, please reach out to Support@Qv21.com for assistance.
2. In the menu bar at the top of most windows, open the Tools menu and select Manage Scenarios.





3. In the Manage Scenarios window, enter “Contract” and the number of the desired contract into the Name field to locate the desired template. Alternatively, searching for “Contract” alone will pull all templates for review.

The screenshot shows the 'Manage Scenarios' application window. It has a menu bar with 'File', 'Edit', 'View', 'Tools', 'Window', and 'Help'. Below the menu is a tabbed interface with 'Standard' and 'Multi' tabs. A 'Search' section contains several input fields: 'Name' (containing 'Contract'), 'Customer', 'Biller', 'Shipper Dock', 'Receiver Dock', 'Region' (a dropdown menu), 'Terminal', and 'Load Type' (a dropdown menu set to 'Any'). There are also checkboxes for 'Include Active' (checked) and 'Include Inactive' (unchecked). Below the search fields is a table with columns 'Active', 'ID', and 'Name'. The table contains one row with a checked checkbox in the 'Active' column, the ID '1333', and the name 'Contract Template - Lower Atlantic PADD 1C - Contract 22 (Do Not Remove)'.

Active	ID	Name
☒	1333	Contract Template - Lower Atlantic PADD 1C - Contract 22 (Do Not Remove)



4. Upon locating the desired contract, open the record to view the Scenario details. In the Customers section on the lower half of the front page, click on the Biller's magnifying glass to adjust the Biller to match the scenario that requires the template.

Saving this change will cause the contract template to appear in search results in the Scenario Contracts during step 6, allowing this template to be copied from.

Edit Scenario - Austin Transfer Station to Austin Landfill

File Edit View Tools Window Help 5.2.42.0

Austin Transfer Station to Austin Landfill

Details
Other Info

General

Id: 6158
Region: SMITHFIELD
Terminal: MSW
Name: Austin Transfer Station to Austin Landfill
Foreign Key:
Pay Rate:
Standard Distance: 50.00
Commodity:
☒ Active
Rating:

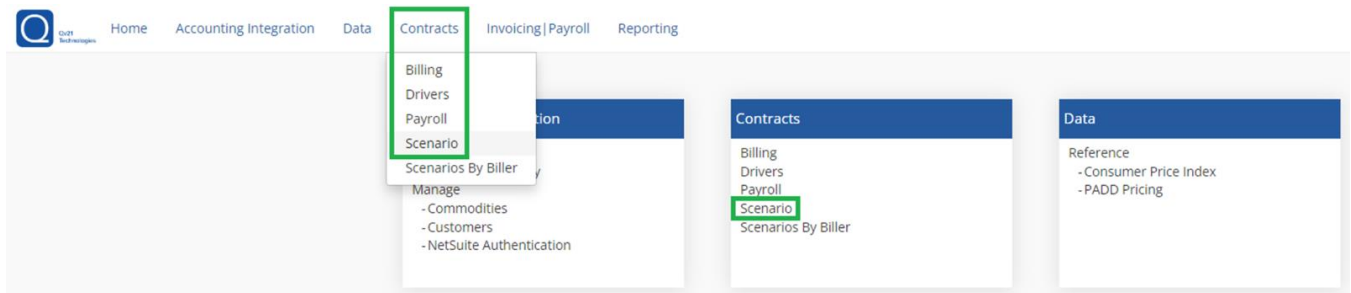
Customers

Shipper: Austin Transfer Shipper Id: 9975
Shipper Tank: SITE
Receiver: Austin Landfill Receiver Id: 9976
Receiver Tank: SITE
Biller: Test Physical Location Bill To Id: 10455
Biller Contact: None

Save and New Save Cancel



5. In the online module, navigate to the Scenario Contracts by selecting the Scenario option under the Contracts dropdown or on the Contract tile on the Home page.



6. On the Scenario Contracts page, search for the Biller of the scenario you want to apply the contract template to. When you do so, you should now see the contract template appear in your search results. If you do not, ensure that the Biller has been properly set and saved in the template's scenario details (step 4).

Scenario Contracts

Contract Class	Commodity Type	Region
Any	Any	Any
Shipper Name	Receiver Name	Biller Name
		Qv21 Biller

Search

Scenario	Shipper	Shipper Dock	Receiver	Receiver Dock	Biller	Commodity
Baxter to Fulton	BAXTER		FULTON		Qv21 Biller	MSW
Contract Template - Contract 51 (Do Not Remove)	QV21		QFP ATX 1-1H		Qv21 Biller	Oil
Covia To Cassidy Unit 1	Covia	SITE	Cassidy Unit 1 #3075	SITE	Qv21 Biller	40/70



- Open the scenario you wish to apply the contract template to and select the tab of the desired contract:

Billing Rates and Fees	Billing rates
Company Rates and Fees	Payroll rates for Company drivers
Carrier Rates and Fees	Payroll rates for specific, individual Carriers
Default Carrier Rates and Fees	Payroll rates that all Owner Operators, Subcontractors, and Carrier drivers default to
Union Rates and Fees	Payroll rates for drivers classified by Union

Scenario Contracts

Grand Rapids Plant to Grand Rapids Destination (Versalite)

BILLING RATES AND FEES COMPANY RATES AND FEES CARRIER RATES AND FEES DEFAULT CARRIER RATES AND FEES UNION RATES AND FEES

No contract found.

Copy From Existing Contract

- Once you click Copy From Existing Contract, the contract template will appear in a list of options to copy from. If you select it, a window will pop up and prompt you to confirm that you want to copy over from the selected scenario (in this case, the contract template). Selecting OK will apply the contract template to your desired scenario.

demo.qv21.com says

Are you sure you want to copy a contract from scenario: DSV Waste Demo I ?

OK Cancel

Scenario Contracts

Grand Rapids Plant to Grand Rapids Destination (Versalite)

BILLING RATES AND FEES COMPANY RATES AND FEES CARRIER RATES AND FEES DEFAULT CARRIER RATES AND FEES UNION RATES AND FEES

Select an entity to copy from.

Cancel

Scenario	Shipper	Shipper Dock	Receiver	Receiver Dock	Biller	Commodity
ABBYVI-ONEIDA	ABBYVI		ONEIDA		ABBYVI	
Baxter to Fulton	BAXTER		FULTON		Qv21 Biller	MSW
DSV Waste Demo I	Houston Wst Tran		EPD South		Waste Management	MSW
Dupre to Magellan	KB		Magellan		Dupre Biller	Oil



- Once a contract is in place for a scenario, rates can be configured and saved. Note that once a contract has been copied over, it cannot be removed or replaced without assistance from Qv21, so it is important to ensure that the proper template is being utilized.

Rates can be set by entering values in the fields that appear after a contract is in place for a given scenario. Replacing a 0 with an amount will cause Authorized loads to rate using the new value. The Save button can be found by clicking the disk icon in the upper-right corner of the window.

The screenshot shows the Qv21 admin interface. The top navigation bar includes links for Home, Data, Driver, Contracts, Invoicing | Payroll, and Reporting. The user is logged in as 'qv21admin'. The main section is titled 'Scenario Contracts' and shows a dropdown menu with 'Austin Transfer Station to Austin Landfill (MSW)'. Below this, there are tabs for 'BILLING RATES AND FEES', 'COMPANY RATES AND FEES', 'CARRIER RATES AND FEES', 'DEFAULT CARRIER RATES AND FEES', and 'UNION RATES AND FEES'. The 'BILLING RATES AND FEES' tab is active, displaying a table of rates. The table has columns for 'Actions', 'Rate', 'Description', 'User Code', and two date columns: '12/31/2024' and '3/30/2020'. The table is divided into 'Trip Rates' and 'Load Rates'. The 'Load Rates' section contains several rows with edit icons and input fields for various rates.

Actions	Rate	Description	User Code	12/31/2024	3/30/2020
Trip Rates					
Load Rates +					
	Freight (Flat)	Freight (Flat)	Freight	150	60
	Freight (Per Ton)	Freight (Per Ton)	Freight	10	150
	FSC (Miles)	FSC (Miles)		1.5	
	Padd Weekly Update	Padd Weekly Update		PET.EMO_EPD2D_PTE_R1Y_DPG.W	
	SurchargeBase	SurchargeBase		1.75	