

Oracle Transportation Sourcing Cloud

Transportation professionals know from experience that executing a bid with service providers can be tedious and time consuming. When the bid is managed incorrectly, the process can produce negative results that affect both cost and service. Oracle Transportation Sourcing Cloud allows you to optimize your rate management processes by providing a single application that integrates bid-to-plan-to-payment needs and provides rate maintenance capabilities.

When integrated with Oracle Transportation Management Cloud, Oracle Transportation Sourcing Cloud offers a streamlined and flexible solution for soliciting, loading, and analyzing logistics service provider rates and capacity. It enables and enhances the steps required to complete a bid that include: generating lanes and related demand, collection and analysis of quotes, awarding, and creation of operational rates. Oracle Transportation Sourcing Cloud also provides a simple and efficient workflow to load and edit rates when updates are required.

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THE TRANSPORTATION PROCUREMENT LIFECYCLE

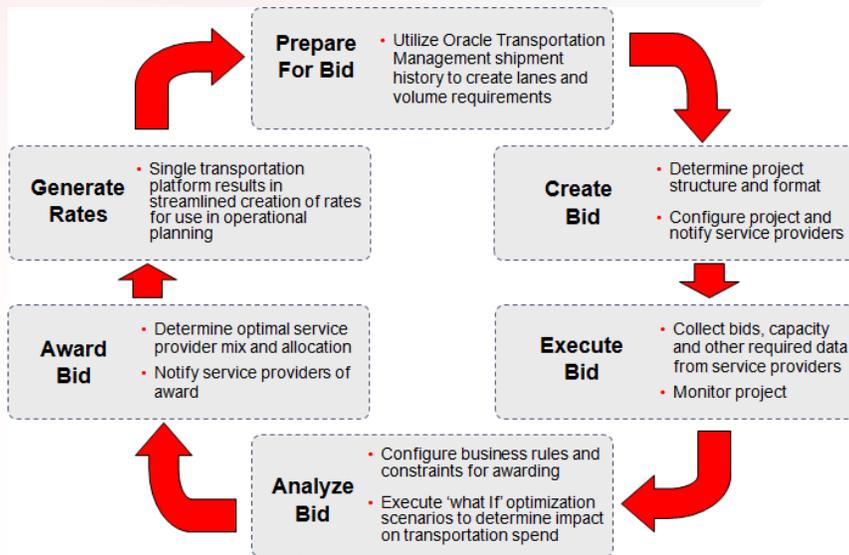


Figure 1. Transportation Sourcing streamlines the carrier bid process

A sourcing project begins with collecting and analyzing the lanes required to support a bid. This process can be tedious, but can be streamlined with Oracle Transportation Sourcing Cloud by utilizing historic shipment data directly from Oracle Transportation Management Cloud. Shipment data is automatically extracted, previewed and aggregated to support optimal lane and demand definition, saving you the painstaking task of data collection and data cleansing.

Next, when defining the content, it is important to have the flexibility to create the bid according to your requirements. Oracle Transportation Sourcing Cloud provides this flexibility by allowing users to determine what attributes service providers see and bid on for each lane. Users can also define how bids are collected, by including attributes such as capacity, accessorials or lane bundles.

Once bids are collected, the analysis begins. Being able to determine optimal service provider allocation is vital to your future transportation spend. Oracle Transportation Sourcing Cloud provides you with the ability to execute 'what if' scenarios based on business rules such as capacity, service history, scorecard values, volume and spend rules, and more. Executing scenarios provides you with the facts needed to carry out unbiased service provider negotiations, and offers visibility into cost savings opportunities.

When the awards are determined, turning the selected bids into executable rates is greatly simplified thanks to Oracle Transportation Sourcing Cloud and Oracle Transportation Management Cloud being part of the same platform. This unique approach expedites the rate creation process so new rates can be made effective much earlier than in a manual or "black box" sourcing environment.

Key Features

- Manages negotiations with logistics service providers on rates, accessorials, and equipment requirements
- Utilizes Oracle Transportation Management's historic shipment and lane data to create a bid project
- Intelligently aggregates shipment data into lane, volume, and benchmark cost
- Multiple rounds, on-line and off-line bidding, bid packages, and other parameters
- Flexible lane and bid attribute configurations to ensure logistics service providers have the information needed to bid effectively
- "What If" scenario analysis functions that determine spend projections and optimal resource allocation
- Simplified and streamlined activation of awarded bids

The screenshot shows the Oracle Logistics CRT Configuration interface. The main table is titled 'Lane Attributes' and contains the following data:

Sequence Number	Default Display Name	Display Name	Select	Hidden	Locked	Editable	Color	Font	Font Style	Size
1	Transaction Code	Transaction Code	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WHITE	ARIAL	REGULAR	12
2	Domain Name	Domain Name	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WHITE	ARIAL	REGULAR	12
3	Lane ID	Lane ID	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WHITE	ARIAL	REGULAR	12
4	Source Location Group	Source Location Group	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WHITE	ARIAL	REGULAR	12
5	Source Arbitrary Lane ID	Source Arbitrary Lane ID	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WHITE	ARIAL	REGULAR	12
6	Source Source Region ID	Source Source Region ID	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WHITE	ARIAL	REGULAR	12
7	Source Destination Region ID	Source Destination Region ID	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WHITE	ARIAL	REGULAR	12
8	Source Location ID	Source Location ID	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WHITE	ARIAL	REGULAR	12
9	Source Location Name	Source Location Name	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WHITE	ARIAL	REGULAR	12
10	Source City	Source City	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WHITE	ARIAL	REGULAR	12
11	Source Province Code	Source Province Code	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WHITE	ARIAL	REGULAR	12
12	Source Postal Code	Source Postal Code	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WHITE	ARIAL	REGULAR	12
13	Source Country Code ID	Source Country Code ID	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WHITE	ARIAL	REGULAR	12
14	Source Geo Hierarchy	Source Geo Hierarchy	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WHITE	ARIAL	REGULAR	12
15	Source Region	Source Region	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WHITE	ARIAL	REGULAR	12
16	Source Zone 1	Source Zone 1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WHITE	ARIAL	REGULAR	12
17	Source Zone 2	Source Zone 2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WHITE	ARIAL	REGULAR	12
18	Source Zone 3	Source Zone 3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WHITE	ARIAL	REGULAR	12
19	Source Zone 4	Source Zone 4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WHITE	ARIAL	REGULAR	12
20	Source Latitude	Source Latitude	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WHITE	ARIAL	REGULAR	12
21	Source Longitude	Source Longitude	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WHITE	ARIAL	REGULAR	12
22	Origin Name	Origin Name	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WHITE	ARIAL	REGULAR	12
23	Destination Location Group	Destination Location Group	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WHITE	ARIAL	REGULAR	12
24	Destination Arbitrary Lane ID	Destination Arbitrary Lane ID	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WHITE	ARIAL	REGULAR	12
25	Destination Source Region ID	Destination Source Region ID	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WHITE	ARIAL	REGULAR	12
26	Destination Destination Region ID	Destination Destination Region ID	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	WHITE	ARIAL	REGULAR	12

Figure 2. Oracle Transportation Sourcing Cloud users define lane and bid attributes on the Carrier Response Template, used by service providers to submit bids.

Key Business Benefits

- Decrease the procurement life cycle
- Reduce transportation costs by optimizing bid execution and service provider negotiation
- Strategically assess the financial impact of proposed rate changes before they are committed
- Provide greater spend visibility
- Improve logistics service provider relationships
- React quickly to link and node changes in supply chain
- Centralize and simplify rate data
- Increase supply chain reliability
- Increase customer service levels

The screenshot shows the Oracle Logistics Rate Record interface. The main table displays the following data:

Rate Record ID	Rate Offering ID	Effective Date	Expiration Date	Rate Service ID	Domain
SCNN-TL-2012-001-1643	SCNN-TL-2012-001	2018-01-01	2018-12-31	SOURCINGVOL	SOURCINGVOL

Additional details shown include:

- VIA Source Location ID, VIA Dest Location ID, VIA Source Location Profile ID, VIA Dest Location Profile ID
- Active: Yes, Parent Rate Record ID
- Read Only:
- Payment Method Code ID, Hazardous Rate Type: A, Domain Profile ID
- Sequence Number: 1042187, Corporation Profile ID
- Rate Lane: Source Geo Hierarchy (STATE/PROVINCE), Destination Geo Hierarchy (STATE/PROVINCE)
- Source Region, Destination Region
- Province Code: OH, MO
- Stop-Off Charges: Stops Included in Rate: 2
- Charges for Additional Stops:

Low Stop	High Stop	Per Stop Charge
1	4	20,000 USD
4	4	60,000 USD

Figure 3. Oracle Transportation Sourcing Cloud seamlessly turns awarded bids into operational rates, reducing the rate procurement life cycle

RATE MAINTENANCE SIMPLIFIED

Even after efficient bid processes are put into place, transportation professionals know that new rates, as well as rate updates, are often required outside of defined contract periods. As rate and accessorial updates are a necessary part of managing dynamic supply chains, Oracle Transportation Sourcing Cloud has the ability to manage these changes. Rate maintenance helps ensure operations are utilizing the right carrier, and the right rate, at the right time, for the right shipment.

Approval Details			
Rate Load Definition ID: BASE COST-ALL RBI, Rate Load Group ID: RLG-ALL-RBI			
▲ Rate Offerings			
Actions ▾ View ▾			
Approval Status	Rate Offering ID ▲ ▾	Uploaded By	Upload Date
NEW	15-APRIL-DIF-BROWSER	JPOIN64.ADMIN	2015-04-15 03:40 PST8PDT
NEW	15-APRIL-DIF-BROWSER-3	JPOIN64.ADMIN	2015-04-15 04:22 PST8PDT
NEW	15-APRIL-DIF-BROWSER-4	JPOIN64.ADMIN	2015-04-15 04:22 PST8PDT

▲ Related Rate Records			
Actions ▾ View ▾			
Approval Status	Rate Record ID ▲ ▾	Uploaded By	Upload Date
NEW	RR1-15-APRIL-DIF-BROWSER	JPOIN64.ADMIN	2015-04-15 03:40 PST8PDT

Figure 4. Rate maintenance incorporates a review and approval workflow process prior to new rates becoming active.

THE KEY ROLE OF SOURCING IN TRANSPORTATION MANAGEMENT

Transportation rate procurement is an integral part of your logistics operation as negotiations impact service provider relationships and capacity availability. Rates set the baseline for operational carrier and route selection decisions. Spend visibility is required to ensure cost containment.

Links and nodes in your supply chain are constantly changing and carrier, mode and routing changes are often required due to environmental factors. Establishing a standardized, repeatable, and automated approach to sourcing and rate management, that appeals to both transportation buyer and seller, is vital to efficiently managing logistics operations.

Related Products

Oracle Transportation Management Cloud provides a single, complete solution to manage all aspects of transportation and logistics.

The following options are also available with Oracle Transportation Management Cloud:

- Forwarding and Brokerage Operations Cloud
- Freight Payment, Billing, and Claims Cloud
- Transportation Intelligence Cloud
- Logistics Inventory Visibility Cloud
- Transportation Cooperative Routing Cloud
- Transportation Operational Planning Cloud
- Transportation Sourcing Cloud

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Integrated Cloud Applications & Platform Services

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