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Tamarack Integration for Vertex O Series[®]

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Overview

Tamarack Integration for Vertex O Series[®] brings your InfoLease[®] platform into the 21st Century by employing the power and flexibility inherent with *Vertex*[®] *Indirect Tax O Series*[®] for Leasing.

Challenge: Lease Tax Compliance

Achieving automation of sales tax compliance across all fifty states is a monumental task. Maintaining the state-by-state rules and rates in a single system is inevitably time consuming and reactionary.

Compounding this effort is the need for lessors to administer this logic consistently across the enterprise, which becomes an insurmountable task.

Frontend/Backend Disconnect

Despite efforts such as the Streamlined Sales Tax Act (SSTA), automated sales tax compliance continues to elude lessors not only due to ever-changing tax rules, but because Frontend and Backend sales tax integration limitations only exacerbate the manual effort required to correct inconsistencies.

Outdated Integrations

Although the InfoLease portfolio management system has offered a sales & use tax integration with legacy Vertex products, historically this integration has simply returned a rate based upon a geographic location code and a tax type.

With so many states looking for ways to increase their tax base by applying additional criteria such as the type or length of the lease, titled vs. non-titled, vehicle weight, and end of lease options, a simple location and tax type cannot be relied upon to return an accurate rate.

Therefore, the demand for the backend systems to service the transaction using the same logic that was applied by the origination system is crucial to reducing wasted resources.

Industry Expertise & Alliances Provide a Solution

Tamarack Consulting, Inc. has partnered with Vertex Inc. to develop the *Tamarack Integration for Vertex O Series* to address each of these challenges. By leveraging the benefits of a centralized tax decision engine, the administration of tax compliance becomes external to InfoLease.

The combination of *Tamarack Integration for Vertex O Series* and *Vertex Indirect Tax O Series for Leasing* provides InfoLease lessors with the four key benefits.

Centralized Tax Management

Vertex O Series is a scalable and platform-independent solution that enables the tax department to centralize tax management, transaction processing, and reporting across heterogeneous systems.

Using *Taxability Manager*, a browser-based O Series tool, the tax department can manage the taxability applied to the transactions processed by the system. Lease transaction types and asset classes can be associated with Vertex-supplied taxability rules. In addition, exemption certificates from customers and custom exceptions defined by the tax department can all be setup, maintained, and referenced.

Current Tax Compliance

Vertex will provide not only the sales tax rates but also the taxability rules in a monthly update that can be easily applied to O Series. Changing even the most complex tax calculation, such as a new tiered structure, is performed through a simple database update giving more control and assurance of compliance with the many changes by tax authorities.

Common Integration Platform

O Series is built on the common platform of the Transaction Processing System (TPS). The TPS was designed using broadly adopted, open, web-oriented technologies to maximize its flexibility, interoperability, and portability. The *Tamarack Integration for Vertex O Series* uses Web Services (SOAP, XML messages) structured within InfoLease/UniData[®] to communicate with Vertex O Series.

Configurable Field Definitions

The *Tamarack Integration for Vertex O Series* is the final piece that brings it all together. To ensure accurate tax decisions, the *Tamarack Integration for Vertex O Series* configuration screens allow the lessor to ensure the necessary data points are used.

As any given transaction may need to send 10 to 30 unique data fields to Vertex Indirect Tax O Series for Leasing, the *Tamarack Integration for Vertex O Series* provides the necessary interface for configuration where these data elements are stored within the database. The integration will dynamically collect these elements for submission to O Series.

Tamarack Integration for Vertex O Series Architecture

The *Tamarack Integration for Vertex O Series* has been developed in the same UniData® environment used by InfoLease. There is no need for additional servers or systems to run a middleware application. The integration installs and plugs right into the UniData/InfoLease server.

Configuration and Authentication

Once installed, individuals familiar with the InfoLease “look & feel” will be right at home navigating the parameter screens.

```
TCI.OSERIES.PARAM.SCREEN      Vertex O Series      10/06/2008
                             Parameter Maintenance

1) O Series URL
   http://oseries:80/vertex-ws/services

2) Login           : vtxadmin
3) Password        : *****
   O Series Version : 58.0 (FULL)
5) O Series Log Level : 0
6* Standard Field Mapping
7* Flex Field Identification
8* Flex Field to InfoLease Mapping
9) Use Tax Code    : 005 - Use Tax (O-Series)
10) Sales Tax Code : 105 - Sales Tax (O-Series)
11) Rental Tax Code : 155 - Rental Tax (O-Series)
12) Exempt Tax Code : 035 - Tax Exempt (O-Series)
13) Upfront Tax Code : 095 - Upfront (O-Series)
   AS.LOCATION Trigger : TCI.OSERIES.AS.LOC.TRIGGER
```

Selection

Complete the O Series FlexField mapping:

```
TCI.OSERIES.PARAM.MAPPING      Vertex O Series      10/07/2008
                             Flexible Field Mapping

1) Trans Code
2) ContractType
3) TitleVehFlag      AUM.ALPHA.FIELD6
4) TaxPymtType
5) LeaseType         PROGRAM.TYPE
6) TitleTransCd      PUR.OPTION
7) TaxBasisCode
16) LeaseTermDays
17) Weight           AUM.ALPHA.FIELD5
18) FedExciseTax
21) ActiveDate      ACTIV.DATE
```

Selection

