Avalara Installation Guide

# Prerequisites for CRS

These are the minimum softwares which are required to use the Avalara tax Integrator.

ATG 10.1, ATG CRS 10.1, jdk1.6.0\_18, jboss-5.1.0.GA, Oracle11/10

## Installation steps for Avalara Tax integrator for ATG with CRS (No customizations)

* Copy the “**AvalaraTax**”, “**AvalaraTaxConnector**” integrator modules under ATG\_ROOT (ATG/ATG10.1) directory.
* Change your account information details which are given by Avalara, in **/config/com/Avalara/tax/integration/utils/AvalaraConnectionUtility** component.

accountNumber  **--** Account number given by Avalara.

licenseKey -- licenseKey number given by Avalara.

* Include **AvalaraTax** and **AvalaraTaxConnector** Integration modules as the last config layer while building the application. Eg: build script needs to update to include these modules.
* Run all the DB scripts in your database which are provided in DBScripts folder as per the schema name.

Scripts under ATGCORE folder in DBScripts folder– run in your ATG Core schema.

Scripts under ATGCATA folder in DBScripts folder - run under catalog schema.

* Deploy the EAR file in the server and start the CRS application.

Navigate through your application and see the tax is calculated for order from Avalara, you can also verify the tax in Avalara tax admin console.

## Installation steps for Avalara Tax integrator for ATG with CRS (Customized applications):

* Copy the “**AvalaraTax**” integrator module under ATG\_ROOT (ATG/ATG10.1) directory.
* Change your account information details which are given by Avalara, in **/config/com/Avalara/tax/integration/utils/AvalaraConnectionUtility** component .

accountNumber  **--** Account number given by Avalara.

licenseKey -- licenseKey number given by Avalara.

* Create or Update the below mentioned component’s properties to make use of the AvalaraTax Integration module in your customized (current) module.
* **/config/atg/commerce/order/processor/VerifyOrderAddresses**

addressVerificationProcessor=/atg/commerce/payment/AvalaraAddressVerificationProcessor

* **/config/atg/commerce/pricing/calculators/TaxProcessorTaxCalculator**

$class=com.avalara.tax.integration.AvalaraTaxProcessTaxCalculator

taxProcessor=/atg/commerce/payment/AvalaraTaxProcessor

calculateTaxByShipping=false

billingAddressPropertyName=billingAddress

* Merge the repository messaging and pipeline definition files from **AvalaraTax** module to your customized module. List of definition files need to be merged are mentioned below.
* /config/atg/commerce/catalog/custom/ customCatalog.xml
* /config/atg/commerce/order/orderrepository.xml
* /config/atg/dynamo/messaging/dynamoMessagingSystem.xml

/config/atg/commerce/commercepipeline.xml

* Now, include “AvalaraTax” and your customized module as the last layers while building the application.
* Run all the DB scripts in your database which are provided in DBScripts folder as per the schema name **if it is required**.

Scripts under ATGCORE folder in DBScripts folder– run in your ATG Core schema.

Scripts under ATGCATA folder in DBScripts folder - run under catalog schema.

* Deploy the EAR file in the server and start the CRS application.

Navigate through your application and see the tax is calculated for order from Avalara, you can also verify the tax in Avalara tax admin console.

# Prerequisites for CSC:

These are the minimum softwares which are required to run the Avalara tax Integrator with ATG CSC.

ATG 10.1, CSC 10.1, jdk1.6.0\_18, jboss-5.1.0.GA, Oracle11/10

## Installation steps for Avalara Tax integrator for ATG with CSC (No customizations):

* Copy the “**CSRAvalaraTax**”, “**CSRAvalaraTaxConnector**” integrator modules under ATG\_ROOT (ATG/ATG10.1) directory.
* Change your account information details which are given by Avalara, in **/config/com/Avalara/tax/integration/utils/AvalaraConnectionUtility** component.

accountNumber  **--** Account number given by Avalara.

licenseKey -- licenseKey number given by Avalara.

* Include **CSRAvalaraTax** and **CSRAvalaraTaxConnector** Integration modules as the last config layer while building the application. (Build script might need to be updated to include these modules.)
* Deploy the EAR file in the server and start the CSC application.

Navigate through your CSC interface and see tax is calculated from Avalara for return orders and update orders, you can also verify the tax in Avalara tax admin console.

## Installation steps for Avalara Tax integrator for ATG with CSC (Customized applications):

* Copy the “**CSRAvalaraTax**” integrator module under ATG\_ROOT (ATG/ATG10.1) directory.
* Change your account information details which are given by Avalara, in **/config/com/Avalara/tax/integration/utils/AvalaraConnectionUtility** component .

accountNumber  **--** Account number given by Avalara.

licenseKey -- licenseKey number given by Avalara.

* Create or Update the below mentioned component’s properties to make use of the CSRAvalaraTax Integration module in your customized (current) module.
* **/config/atg/commerce/pricing/calculators/TaxProcessorTaxCalculator**

$class=com.avalara.tax.csrintegration.core.CSRAvalaraTaxProcessorTaxCalculator

taxProcessor=/atg/commerce/payment/CSRAvalaraTaxProcessor

calculateTaxByShipping=false

billingAddressPropertyName=billingAddress

* **/** **config/atg/commerce/custsvc/order**

avaTaxService=/com/avalara/tax/csrintegration/service/CSRAvalaraTaxCalculationService

* Merge the repository messaging and pipeline definition files from **CSRAvalaraTax** module to your customized module. List of definition files need to be merged are mentioned below.
* /config/atg/commerce/catalog/custom/ customCatalog.xml
* /config/atg/commerce/order/orderrepository.xml
* /config/atg/dynamo/messaging/dynamoMessagingSystem.xml
* /config/atg/commerce/commercepipeline.xml
* Now, include “CSRAvalaraTax” and your customized module as the last layers while building the application. (Build script might need to be updated to include these modules.)
* Deploy the EAR file in the server and start the CSC application.

Navigate through your CSC interface and see tax is calculated from Avalara for return orders and update orders, you can also see the tax in Avalara tax admin console.