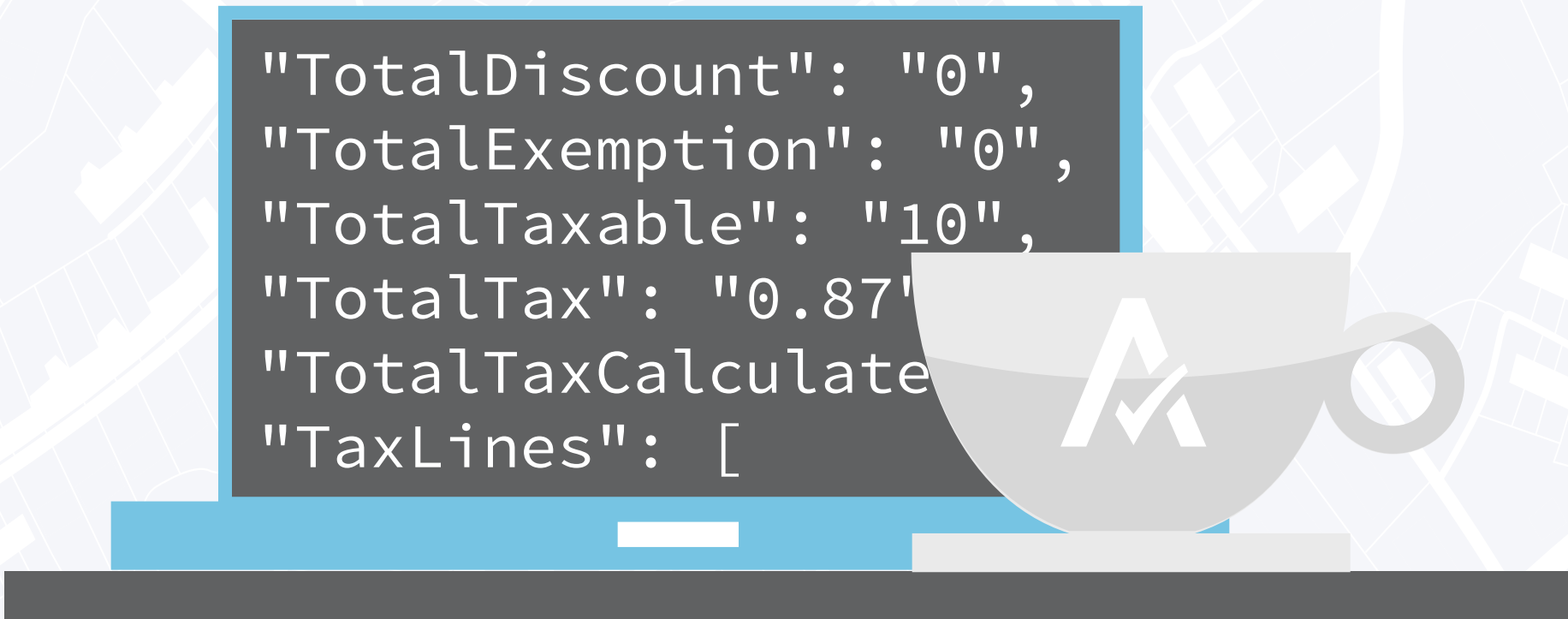


# Bring real-time tax calculation to your financial app



## Accurate and easy sales tax calculation

Instantaneously calculate sales tax in more than 12,000 taxing jurisdictions with our REST API

## Exempt the right customers for the right reasons

Easily track, validate, and store exemption and resale certificates

## Automated rules for global transactions

Calculate tax & duties across the US, Canada, India, Brazil, and 100 additional countries

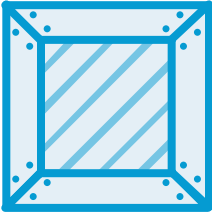
[Get an Avalara AvaTax sandbox](#)

## Avalara is all about tax compliance

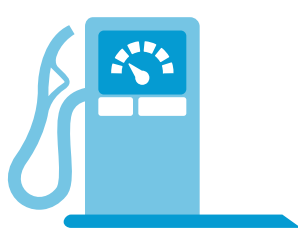
### API solutions



Sales and use taxes for ecomm, POS, and ERPs



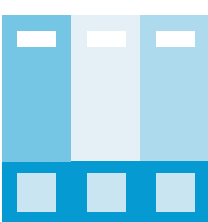
Overseas selling and value-added tax (VAT)



Fuels, petroleum products and natural gas



Telecommunication, internet and other communications services



Compliance document management



Tax-return filing

## A 90-day free Avalara AvaTax sandbox account lets you kick the wheels

You'll be set up with an [AvaTax Basic subscription](#) which lets you calculate taxes in the U.S. and Canada only. See the steps below so that you fully integrate with Avalara AvaTax and leverage what it can do for your financial application. Please [contact us](#) if you need to request an extension, evaluate our global tax calculation or other compliance services.

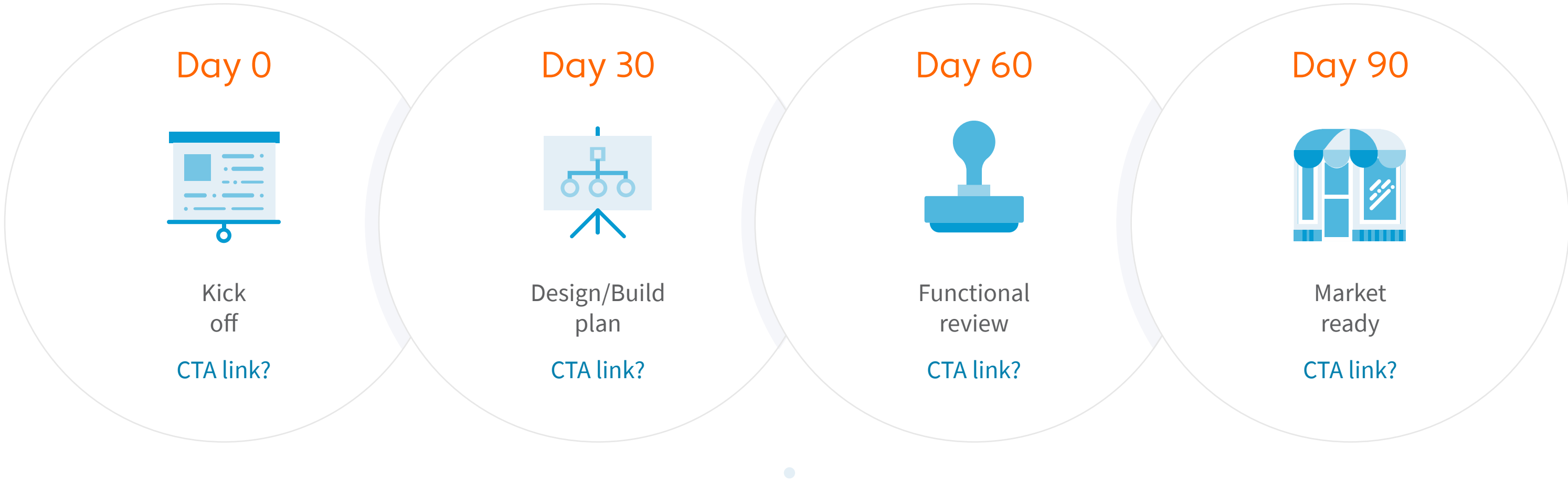
[Get an Avalara AvaTax sandbox](#)



# Grow your your customer base and recurring revenue with a certified Avalara integration

- 1 Start by building a certified integration with Avalara AvaTax and its Admin Console for real-time tax calculation
- 2 Expand to offer the entire breadth of Avalara tax compliance solutions

We have an efficient timeline to becoming a market-ready, certified Avalara integration partner headline goes here



Get started now, use our tools and resources to create a market-ready, certified Avalara integration headline

- |  |   |  |   |
|--|---|--|---|
| <a href="#">Code samples</a><br>lorem ipsum<br>Lorem ipsum concise description goes here | <a href="#">Use cases</a><br>lorem ipsum<br>Lorem ipsum concise description goes here | <a href="#">API references</a><br>lorem ipsum<br>Lorem ipsum concise description goes here | <a href="#">Developer forum &amp; blog</a><br>Lorem ipsum concise description goes here |
|--|---|--|---|

## Fast and easy integration with AvaTax

[Tools](#) | [Checklist](#)

Get an Avalara AvaTax sandbox



h1+

# A wide breadth of API solutions for tax compliance

[Tax calculation](#) | [Compliance document management](#) | [Returns and filing](#)

## Tax calculation

h1

h2

### Sales & sellers use tax   Value-added tax (VAT)   Consumer use tax

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

 AvaTax

h5

[Overview](#) | [Code samples](#) | [Use cases](#) | [API references](#) | [Test your integration](#) | [Certification checklists](#)

### Duties and fees for international sales

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

 LandedCost

[Overview](#) | [Code samples](#) | [Use cases](#) | [API references](#) | [Test your integration](#) | [Certification checklists](#)

### Fees and taxes for telecommunications

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

 Communications

[Overview](#) | [Code samples](#) | [Use cases](#) | [API references](#) | [Test your integration](#) | [Certification checklists](#)

### Excise fees and taxes for fuels

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

 Excise

[Overview](#) | [Code samples](#) | [Use cases](#) | [API references](#) | [Test your integration](#) | [Certification checklists](#)

## Compliance document management

### Exemption certificates   W8 and W9 forms   Fuel licenses

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

 CertCapture

[Overview](#) | [Code samples](#) | [Use cases](#) | [API references](#) | [Test your integration](#) | [Certification checklists](#)

## Returns & filing

### Use the AvaTax API to prepare and file AvaTax-integrated returns

Avalara Returns is a fully-managed solution that incorporates a Treasury solution for simple payment, guaranteed on-time filing, audit support, and notice management. There are currently no APIs available for Avalara Returns – data is populated from AvaTax transactions and returns are managed by the merchant through the provided Customer Portal.

 Returns

[Learn more about Avalara Returns](#) | [Learn more about Avalara Returns for Excise](#)

### Standalone solution for preparing & filing tax returns

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

 TrustFile

[Overview](#) | [Code samples](#) | [Use cases](#) | [API references](#) | [Test your integration](#) | [Certification checklists](#)

h1+

# Real-time tax calculation for financial applications

h1

A 90-day free Avalara AvaTax sandbox account lets you kick the wheels

Get an Avalara AvaTax sandbox



Precise  
rate calculation



Exempt  
sales



Product  
taxability



Address  
validation

h1

## Become familiar with core AvaTax features

[Use cases](#) | [API references](#)

Prototyping  
tools

Lorem ipsum concise  
description goes here

Development  
tools & support

Lorem ipsum concise  
description goes here

Integration  
testing resources

Lorem ipsum concise  
description goes here

Building a certified  
integration has benefits

Lorem ipsum concise  
description goes here

## Fast and easy integration with AvaTax

[Tools](#) | [Checklist](#)

h5









- 1. Try out our APIs
- 2. Sign up for an AvaTax Developer account
- 3. Make a tax call
- 4. Add company settings so you'll see tax results
- 5. Verify your tax call
- What's next?

TAX CALCULATION APIS   AVALARA AVATAX   GET STARTED

# Get started

Four simple steps to getting started in calculating sales tax with our REST API

If you already have an Avalara AvaTax account and want to dive into the details, a good place to start is our Introduction to the Avalara AvaTax API.

Instructional text under H1 is in its div as it pertains to the page pattern

## 1 Try out our APIs

(New content: Some introduction text & show the console)

Input

Fill with sample data

Submit

Reset

Document

DOC DATE

LOREM IPSUM HERE

CUSTOMER CODE

LOREM IPSUM HERE

+ Additional document attributes

Address

COMPANY CODE

LOREM IPSUM HERE

ADDRESS CODE

LOREM IPSUM HERE

LINE 1

LOREM IPSUM HERE

LINE 2

LINE 3

CITY

LOREM IPSUM HERE

STATE

LOREM IPSUM HERE

POSTAL CODE

99999-9999

COUNTRY

LOREM IPSUM HERE

+ Add an address

Document line

LINENO

LOREM IPSUM HERE

ITEM CODE

LOREM IPSUM HERE

TAX CODE

LOREM IPSUM HERE

ITEM DESCRIPTION

LOREM IPSUM HERE

AMOUNT

LOREM IPSUM HERE

QTY

1

+ Additional line attributes

+ Add a line

Submit

Reset

API Endpoint

https://development.avalara.net/1.0

Method

GET

Request

```
"Addresses": [{
  "AddressCode": "01",
  "Line1": "1100 2nd Avenue Suite 300",
  "City": "Seattle",
  "Region": "WA",
  "Country": "US",
  "PostalCode": "98101",
  "Latitude": "47.627935",
  "Longitude": "-122.51702",
  "TaxRegionId": 0
}]
```

Response

```
{
  "ResultCode": "Success",
  "Address": {
    "Line1": "1100 2ND Ave Ste 300",
    "City": "Seattle",
    "Region": "WA",
    "PostalCode": "98101-3429",
    "Country": "US",
    "FipsCode": "5303363000",
    "CarrierRoute": "C030",
    "PostNet": "981013429751",
    "AddressType": "H"
  }
}
```

## 2 Sign up for an AvaTax Developer account

This sandbox account is for evaluation only and is initially active for 30 days, but you can request an extension if needed. You will need to add company profile and tax profile information to calculate sales tax. It is based on an AvaTax Basic subscription and includes access to Nexus Jurisdictions in the U.S. and Canada only. To access full AvaTax Pro System Tax Code functionality or Global Nexus Jurisdictions, please contact sales to inquire about a paid development account.

FULL NAME \*

LOREM IPSUM HERE

COMPANY \*

LOREM IPSUM HERE

EMAIL \*

LOREM IPSUM HERE

PHONE NUMBER \*

LOREM IPSUM HERE

Get started

## 3 Make a tax call

Now that you have an account with company settings, you're ready to make an API request!

We've automatically filled in the required POST parameters to calculate the sales tax on a \$10 sale amount using the Avalara corporate address at 100 Ravine Lane, Bainbridge Island, WA.

POST request

We will make a POST request to URL:

https://development.avalara.net/1.0

Use an online encoding tool or perhaps one of the REST client apps for Google Chrome to create a Basic Authorization Header from your username and password.

It will look something like this:

Authorization: Basic c29tZS51c2VyQG9vbnBhb29t0LA03CR3MHJk

The POST body will be:

```
"DocType": "SalesInvoice",
"Addresses": [
  {
    "AddressCode": "1",
    "Line1": "100 Ravine Lane NE",
    "City": "Bainbridge Island",
    "Region": "WA",
    "PostalCode": "98110"
  }
],
"Lines": [
  {
    "LineNo": "1",
    "DestinationCode": "1",
    "OriginCode": "1",
    "Qty": 1,
    "Amount": 10
  }
]
```

- DocDate** is the date used to calculate the tax, and to identify the date on which the invoice is recorded. This should be your invoice date.
- CustomerCode** uniquely identifies the end customer making the purchase.
- DocCode** is a unique identifier of the transaction. This is often invoice number.
- DocType** tells Avalara what kind of transaction this is. In this case, it is a document that represents a sale, and should be saved in our database.
- Address** in this case is used as both the origin and destination. In general, these may not be the same.
- Lines** is an array of all line items on the invoice (including any freight and miscellaneous charges). Each invoice line should be a line on the tax request, and should specify a line number (unique within the document), quantity, and extended amount.

### Important

- The dollar amount must be nonzero to calculate nonzero tax (tax on \$0 will always be \$0)
- You will need your account credentials (Username and Password) to make a successful API call

POST response

```
{
  "DocCode": "DOC0001",
  "DocDate": "2013-01-16",
  "Timestamp": "2013-02-12T23:45:02.687",
  "TotalAmount": "10",
  "TotalDjAddressCode": "1",
  "TotalDjLine1": "1100",
  "TotalDjCity": "Seatt",
  "TotalDjRegion": "WA",
  "TotalDjCountry": "US",
  "TaxD": "PostalCode": "98110",
  "TaxL": "Latitude": "47",
  "LineNo": "Longitude": "1",
  "TaxCode": "RegionId",
  "Taxability": "true",
  "BoundaryLevel": "Address",
  "Exemption": "0",
  "Discount": "0",
  "Taxable": "10",
  "Rate": "0.086000",
  "Tax": "0.86",
  "TaxCalculated": "0.86",
  "TaxDetails": [{
    "Country": "US",
    "Region": "WA",
    "JurisType": "State",
    "Taxable": "10",
    "Rate": "0.065000",
    "Tax": "0.65",
    "JurisName": "WASHINGTON",
    "TaxName": "WA STATE TAX"
  }],
  {
    "Country": "US",
    "Region": "WA",
    "JurisType": "City",
    "Taxable": "10",
    "Rate": "0.021000",
    "Tax": "0.21",
    "JurisName": "BAINBRIDGE ISLAND",
    "TaxName": "WA CITY TAX"
  }
],
  "TaxAddresses": [{
    "Address": "100 RAVINE LN NE",
    "AddressCode": "1",
    "City": "BAINBRIDGE ISLAND",
    "Country": "US",
    "PostalCode": "98110-2687",
    "Region": "WA",
    "TaxRegionId": "2109716",
    "JurisCode": "5303503736"
  }],
  "ResultCode": "Success"
}
```

Apply syntax color and indent styling

Document-level tax calculation results are available at the root level of the response, notably TotalTax. This is the total amount of tax calculated on the invoice.

Each Line item in the request is represented in the response by a TaxLine, which shows line-level tax calculation results. The jurisdictional breakout of the tax calculation for each line is displayed as an array of TaxDetails.

## 4 Add company settings so you'll see tax results

Visit the [Avalara Development Admin Console](#) and you will be prompted to change your password. In addition to changing your password, you will need to [add a company](#) and some [nexus jurisdiction selections](#) to get any tax results.

### Note

In order to match the sample code we provide, use CompanyCode APITrialCompany when creating your company. If you use some other CompanyCode value remember to change the value in your samples.

## 5 Verify your tax call

The tax request you made in Step 3 will be viewable in the Admin Console. [Log in](#) and navigate to the Transactions tab to verify that you have produced a successful outcome.

[View an example of a successful tax call](#)

### Good idea

Check the Admin Console periodically to verify that you're getting the results you expect

## What's next?

If you didn't already check out the [Introduction to the Avalara AvaTax API](#), that's where you should go next. We also recommend that you take a look at the [API Reference](#), review our [integration checklist](#), and check out the [Developer Community](#). A larger set of sample requests are also available as a [Postman collection](#).







# Search results

h4

Refine by document type

Refine by product

Search again

All

AvaTax

Search

h5

## Ava Tax PHP SOK updated to v15.5.0.0

Open the index.html file in your favorite web browser and play with your new instant search results page.

## AvaTax.js sample posted!

Open the index.html file in your favorite web browser and play with your new instant search results page.

## Ava Tax API Reference SOAP

Open the index.html file in your favorite web browser and play with your new instant search results page. The instantsearch.js library has many more widgets, have a look at the dedicated website. Use the buttons below to check out our live version, or download the complete code from Github.

Limit text div width to ~650px

## Ava Tax API Reference REST v1

Open the index.html file in your favorite web browser and play with your new instant search results page.

## AvaTax with Returns Checklist

Open the index.html file in your favorite web browser and play with your new instant search results page.

## AvaTax with Global Checklist

The instantsearch.js library has many more widgets, have a look at the dedicated website. Use the buttons below to check out our live version, or download the complete code from Github.

## AvaTax with CertCapture Checklist

The instantsearch.js library has many more widgets, have a look at the dedicated website. Use the buttons below to check out our live version, or download the complete code from Github. TRY IT LIVE! VIEW THE SOURCE CODE

Open the index.html file in your favorite web browser and play with your new instant search results page.

## Ava Tax iAPI Reference SOAP BatchSvc

Open the index.html file in your favorite web browser and play with your new instant search results page.

## AvaTax Excise API Reference

Open the index.html file in your favorite web browser and play with your new instant search results page.

## Ava Tax w th Address Validation Checklist

Open the index.html file in your favorite web browser and play with your new instant search results page.

## Ava Tax iAPI Reference SOAP AccountSvc

The instantsearch.js library has many more widgets, have a look at the dedicated website. Use the buttons below to check out our live version, or download the complete code from Github. TRY IT LIVE! VIEW THE SOURCE CODE

## AvaTax Certification

The instantsearch.js library has many more widgets, have

## Avalara Ava Tax with Stripe.js

The instantsearch.js library has many more widgets, have a look at the dedicated website. Use the buttons below to check out our live version, or download the complete code from Github. TRY IT LIVE! VIEW THE SOURCE CODE

## Avalara Avatax REST SOK for iOS now available!

## Avalara Ava Tax API Demo

The instantsearch.js library has many more widgets, have a look at the dedicated website. Use the buttons below to

Spacing for all pages using the “breadcrumbs” pattern (interior pages)



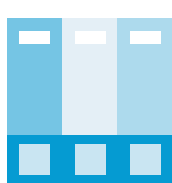
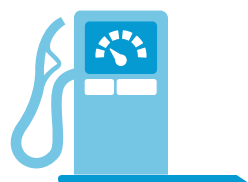
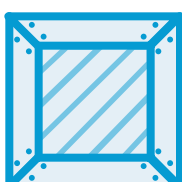
Bring real-time tax calculation  
to your financial app

```
"TotalDiscount": "0",  
"TotalExemption": "0",  
"TotalTaxable": "10",  
"TotalTax": "0.87",  
"TotalTaxCalculate": "0.87",  
"TaxLines": [
```



**Get an Avalara AvaTax sandbox**

Avalara is all about tax compliance  
API solutions



A 90-day free Avalara AvaTax  
sandbox account lets you  
kick the wheels

You'll be set up with an [AvaTax Basic subscription](#)  
which lets you calculate taxes in the U.S. and Canada only  
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and leverage what it can do for your financial application  
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global tax calculation or other compliance services

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# Real-time tax calculation for financial applications

A 90-day free Avalara AvaTax sandbox account  
lets you kick the wheels

**Get an Avalara AvaTax sandbox**



Precise  
rate calculation



Exempt  
sales



Product  
taxability



Address  
validation

## Become familiar with core AvaTax features

[Use cases](#) | [API references](#)

## Fast and easy integration with AvaTax

[Tools](#) | [Checklist](#)





Grow your your customer  
base and recurring revenue with  
a certified Avalara integration

1

Start by building a certified integration with  
Avalara AvaTax and its Admin Console for  
real-time tax calculation

2

Expand to offer the entire breadth of Avalara  
tax compliance solutions

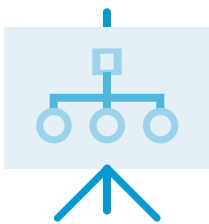
We have an efficient timeline to  
becoming a market-ready,  
certified Avalara integration partner  
headline goes here

Day 0



Kick  
off  
CTA link?

Day 30



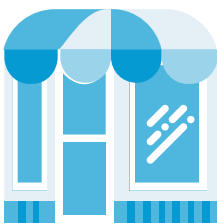
Design/Build  
plan  
CTA link?

Day 60



Functional  
review  
CTA link?

Day 90



Market  
ready  
CTA link?

Search

WELCOME

APIs



Tax calculation

Avalara Avatax	
Avalara Avatax Communications	
Avalara Avatax Excise	
Avalara LandedCost	

Compliance document management

Avalara CertCapture	
---------------------	--

Returns & filing

Use the AvaTax API to prepare and file AvaTax-integrated returns

Avalara Trustfile Standalone API	
----------------------------------	--

CODE SAMPLE TOOLS

BECOME CERTIFIED

RESOURCES



Bring real-time tax calculation  
to your financial app

```
"TotalDiscount": "0",  
"TotalExemption": "0",  
"TotalTaxable": "10",  
"TotalTax": "0.87",  
"TotalTaxCalculate",  
"TaxLines": [
```



Get an Avalara AvaTax sandbox

Avalara is all about tax compliance  
API solutions

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See the steps below so that you fully integrate with Avalara AvaTax  
and leverage what it can do for your financial application  
Please [contact us](#) if you need to request an extnsion, evaluate our  
global tax calculation or other compliance services

Get an Avalara AvaTax sandbox



TAX CALCULATION APIs | AVALARA AVATAX

# Calculate sales and sellers use tax with GetTax

Input

Fill with sample data

COUNTRY

Lorem ipsum here

ADDRESS

Lorem ipsum here

CITY

Lorem ipsum here

STATE

Lorem ipsum here

ZIP / POSTALCODE

99999-9999

QTY

AMOUNT

1

10

Submit

Reset | See the complete API

Calculate sales and sellers use tax with GetTax

API Endpoint

https://development.avalara.net/1.0

API Endpoint

https://development.avalara.net/1.0

Request

Response

{  
 "Lorem ipsum here"  
 "Lorem ipsum here"  
 "Lorem ipsum here"  
  
 "Lorem ipsum here"  
 "Lorem ipsum here"  
 "Lorem ipsum here"  
 "Lorem ipsum here"  
 "Lorem ipsum here"  
 "Lorem ipsum here"  
 "Lorem ipsum here"  
 "Lorem ipsum here"  
 "Lorem ipsum here"  
 "Lorem ipsum here"  
 "Lorem ipsum here"  
 "Lorem ipsum here"  
 "Lorem ipsum here"

{  
 "Lorem ipsum he"  
 "Lorem ips"  
 "Lorem ips"  
  
 "Lorem ips"  
 "Lorem ips"  
 "Lorem ips"  
 "Lorem ips"  
 "Lorem ips"  
 "Lorem ips"  
 "Lorem ipsum he"  
 "Lorem ips"  
 "Lorem ips"  
 "Lorem ips"  
 "Lorem ips"  
 "Lorem ips"  
 "Lorem ipsum he"

Back to Input



30px

h5

Need help with your integration?

If you need assistance building your integration to AvaTax Sales Tax API, we recommend contacting one of these Preferred Developers to help. They are available as independent contractors that are not employed by Avalara — but they know the ropes.

Want to get on this list?

[Contact us](#) if you're interested in becoming a Preferred Developer

## Preferred developers



Alynnlee Productions

h4

9017 Forest Hill Ave Ste 3B  
Richmond, VA 23235  
804-330-5050

[sales@alynnlee.com](mailto:sales@alynnlee.com)

We are a full service web design and development company. That means we can help you design and build your first website, or improve the one you already have. We have been in business since 1998, and have years of experience helping our clients find solutions on the web.

We've worked with e-commerce and e-business to help companies centralize and integrate their data needs.

While each integration brings with it the unique challenges of a company's business rules, the challenges of integration remain the same, and we've been there to help guide you through it. Many companies have multiple selling channels, including retail locations, call centers, and web stores. Avalara is helping bring all this data together, providing the kind of real-time, up-to-date data that your customers are looking for. The ALP team specializes in the use of Microsoft's .NET platform, incorporated with your SQL Server or other database. XML, AJAX, Javascript, or other interactive website elements.

Limit text div width to  
~650px

Same width / behavior as  
API ref sidebar



# Communications Tax API



## How does the API work?

The Communications Tax API provides communications tax calculation using information provided by jurisdiction codes, NPANXX, address and ZIP codes, supporting thousands of taxing jurisdictions, including country state/province, county, city and special taxing jurisdiction levels.

The Communications Tax API is a SOAP web service

This service is the external programmatic interface into the Avalara Communications tax engine. It provides a platform-independent mechanism for obtaining tax calculation information.

## How does the Avalara Communications solution benefit businesses?

Avalara Communications connects to billing or ERP systems to quickly determine taxes for telecommunication services, as well as VoIP, internet services, satellite TV, and other communications services. [Learn more](#)

## Get started learning about and using this API

1

Check out the documentation

[Use cases](#) | [API references](#)

Learn how to consume the web service for integration into customer programs, and defines the object structure, and reference the detailed object structure.

2

Sign up for the service to get an API key

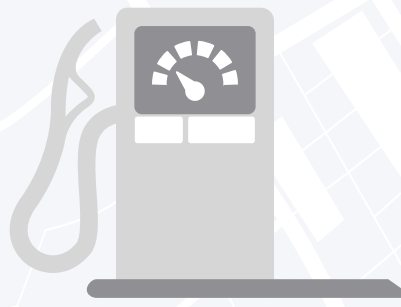
[Get started via email](#)

To access the Avalara Communications service and obtain an API key, contact your Avalara account manager or [email us](#).

## Fast and easy integration with AvaTax

[Integration checklists](#)

# Excise Tax API



## How does the API work?

The Excise Tax API integrates with most major back-end financial systems, automating tax calculation for a broad range of fuel transactions, including invoices, purchase orders, sales orders, or movement accruals.

The Excise Tax API is a SOAP web service

This service is the external programmatic interface into the that is the external programmatic interface into the Avalara Excise application. It provides for a platform-independent mechanism to obtain tax calculation information.

## How does the Avalara Excise solution benefit businesses?

An error in tax determination can result in significant sales margin impact, hidden tax liabilities, and the potential for fines and penalties from taxing jurisdictions. Fuel suppliers, distributors, and energy traders will all benefit from increased tax determination accuracy, financial control, and transparency. Energy traders can fully understand tax implications prior to committing to a transaction, allowing for tax optimization, risk mitigation, and decreased costs.

AvaTax Excise significantly reduces IT maintenance costs associated with ongoing management of custom code and support of new tax regulations. [Learn more](#)

## Get started learning about and using this API

1

Check out the documentation

[Use cases](#) | [API references](#)

Learn how to consume the web service for integration into customer programs, and defines the object structure, and reference the detailed object structure.

If you have any questions, [send us an email](#).

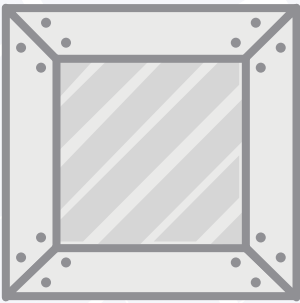
2

Sign up for the service to get an API key

[Get started via email](#)

To access the Avalara Excise Tax service and obtain an API key, contact your Avalara account manager or [email us](#).

# LandedCost API



## How does the API work?

The LandedCost API calculates the right rate and tariff code in real-time for every product in each country and correctly determines all costs associated with customs, duties, shipping, tariffs and taxes for goods sold internationally.

## How does Avalara LandedCost benefit businesses?

Avalara LandedCost enables merchants to know and apply complex taxes, duties, shipping costs, and fees to cross-border sales so customersaren’t dismayed by hidden costs. [Learn more](#)

## Get started learning about and using this API

1

Check out the documentation

[Use cases](#) | [API references](#)

Learn how to consume the web service for integration into customer programs, and defines the object structure, and reference the detailed object structure.

If you have any questions, [send us an email](#).

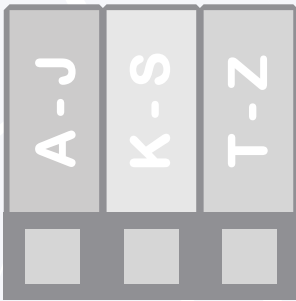
2

Sign up for the service to get an API key

[Get started via email](#)

To access the Avalara LandedCost service and obtain an API key, contact your Avalara account manager or [email us](#).

# CertCapture API



## How does the API work?

This API taps into Avalara CertCapture, providing automated document management: The API allows you to create, validate, and store sales tax exemption and reseller certificates.

## How does Avalara CertCapture benefit businesses?

An automated document management system limits audit exposure and ensures that every non-taxable transaction is tracked correctly. [Learn more](#)

## Get started learning about and using this API

1

Check out the documentation

[API documentation](#) | [API blueprint](#) 

RESTful APIs for CertCapture 6.X and beyond are designed so that error responses are easy to understand and are accompanied by an error code.

If you have any questions, [send us an email](#).

2

Sign up for the service to get an API key

[Get started via email](#)

To access the Avalara CertCapture service and obtain an API key, contact your Avalara account manager or [email us](#).

## Fast and easy integration

[Integration checklists](#)



# TrustFile API



## How does the API work?

This API loads and inspects transactions from any source, and allows additional provisioning and maintenance for partners.

## Get started learning about and using this API

1

Check out the documentation

[Core](#) | [Provisioning](#) | [Connectors](#)

The Core API allows a developer to interact with transactions in TrustFile

The Provisioning API allows a partner to provide signup and provisioning to mutual clients.

The Connectors API describes the registration and maintenance of both connectors and connections.

If you have any questions, [send us an email](#).

2

Sign up for the service to get an API key

[Get started via email](#)

To access the Avalara TrustFile service and obtain an API key, contact your Avalara account manager or [email us](#).

- Get Started
- Logins and resources
- Develop
- Calculate tax
- Exempt transactions
- Commit transactions
- Cancel transactions
- Product returns
- Address validation
- Consumer Use Tax
- VAT transactions
- Errors and outages
- Service availability and performance
- Proxy server settings
- SSL certificates
- Common errors
- Samples & libraries

# Develop

## Document workflow and best practices

Integrating to Avalara AvaTax is as simple as mirroring your document workflow in our system. Before we get started, here are some things you'll need to consider:

- When will you call AvaTax for tax calculation? Calculations contribute to your billable transaction count, so calling when a calculation isn't needed will add processing time to your application and increase your billable AvaTax transactions.
- When are you going to record the transaction in AvaTax for reporting?
- Will you need to handle tax returns? Voided invoices? Drop shipments? What other edge cases will you need to account for?

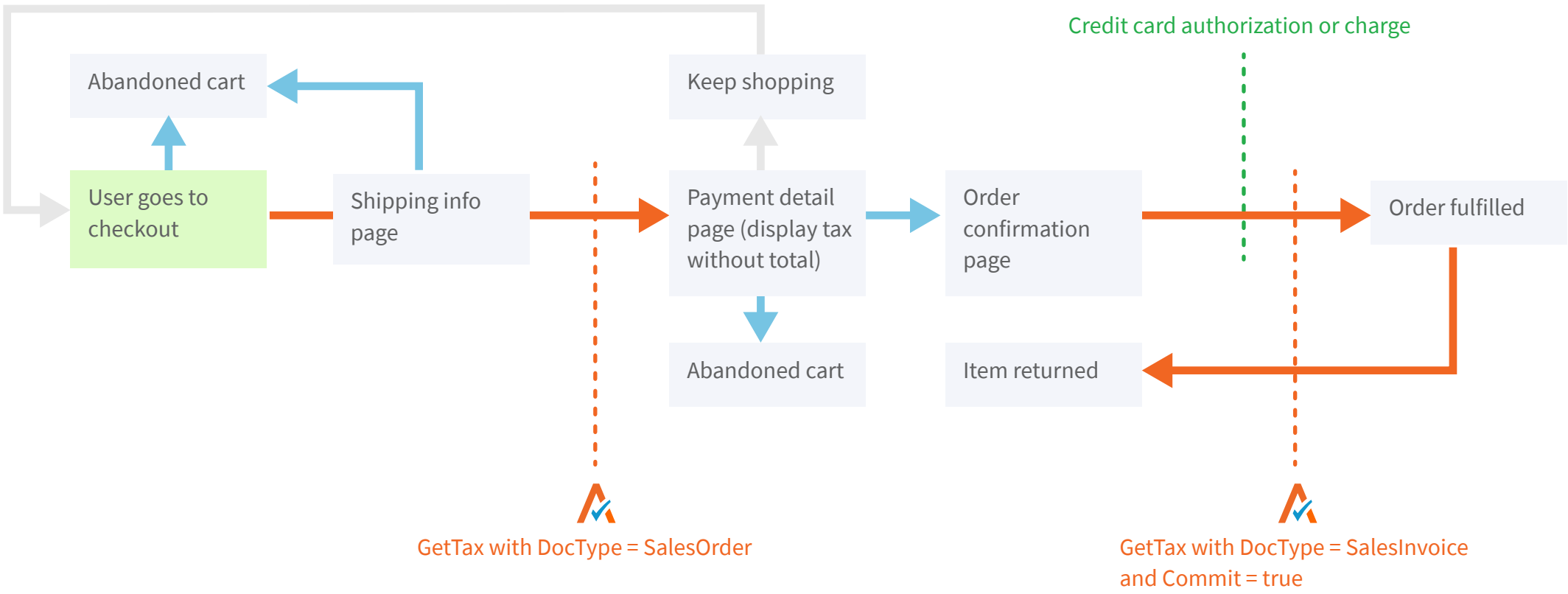
With these things in mind, let's take a look at some general examples.

## Ecommerce

For every tax calculation done before a sale is complete, you should use DocType SalesOrder. This will not create a record of the calculation in AvaTax, so you won't have to do any cleanup for abandoned carts.

When you recognize the sale, make another call to AvaTax with DocType SalesInvoice to record the transaction for reporting. You can commit the document at this time, or later, depending on your business process.

### Avalara AvaTax ecommerce and mobile payment



## ERP

In addition to the workflows above, there are additional document types and processes to account for.

- Quotes and sales orders tend not to reflect actual sales, and can often be abandoned (without a void or return processed). For this, we recommend using DocType SalesOrder.
- Invoices usually represent an actual sale, so you can use DocType SalesInvoice. Because the creation of an invoice does not usually represent the finalization of that sale, keep the document in an uncommitted status.
- When the invoice is posted and the sale is recognized, the document should be committed by setting Commit=true on either GetTax or PostTax. Commit will only work when an invoice DocType is used.
- Returns and credit memos work just like invoices, but they should be sent with negative amounts and some date considerations.
- If invoices or returns are voided, that cancellation needs to be communicated to AvaTax with a CancelTax call.

If you're ready to start some testing, you may want to review the API Reference, how we deal with shipping charges, and pick up some sample code.

### Avalara AvaTax ERP

