MDS Esalestax AVALARA Interface Training Guide

Djf 4/16/2008 – updated 9/15/2020

Overview:

The MDS system has the ability to enter a tax jurisdiction and will allow you to calculate and create a tax register for your system. With the addition of the Esalestax interface MDS now will automatically calculate the correct taxable rates based upon your company's tax liability in each jurisdiction and the type of products you sell.
Each transaction will be sent via the internet to avalara.com and will return the total amount of tax for the order/shipment/invoice
Orders will create a tax transaction, but no actual tax is ever charged until your run the Invoice update process.
Once an invoice is processed it creates a tax liability for your company on avalara.com
Esalestax also offers the ability to file the taxes automatically for each jurisdiction.
Alternately you can print the MDS tax Register, but you will have to separate your tax jurisdictions manually.
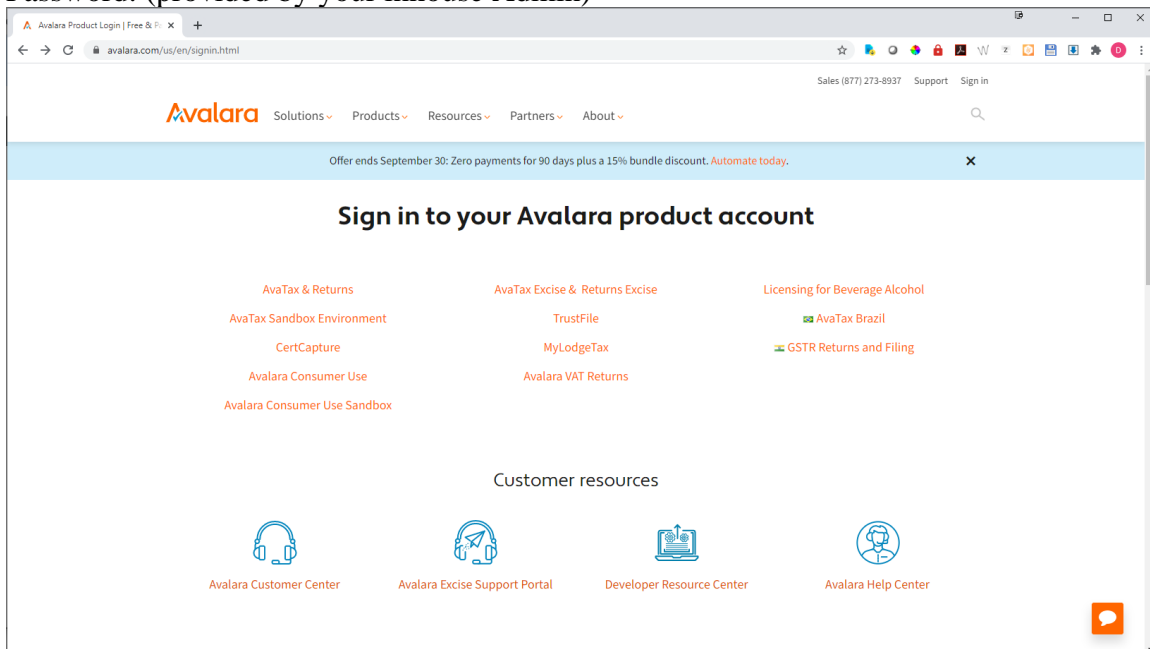
Step1. Logging in to the Avalara.com Web Interface

www.avalara.com
Required:
Username (provided by your inhouse Admin)
Password: (provided by your inhouse Admin)
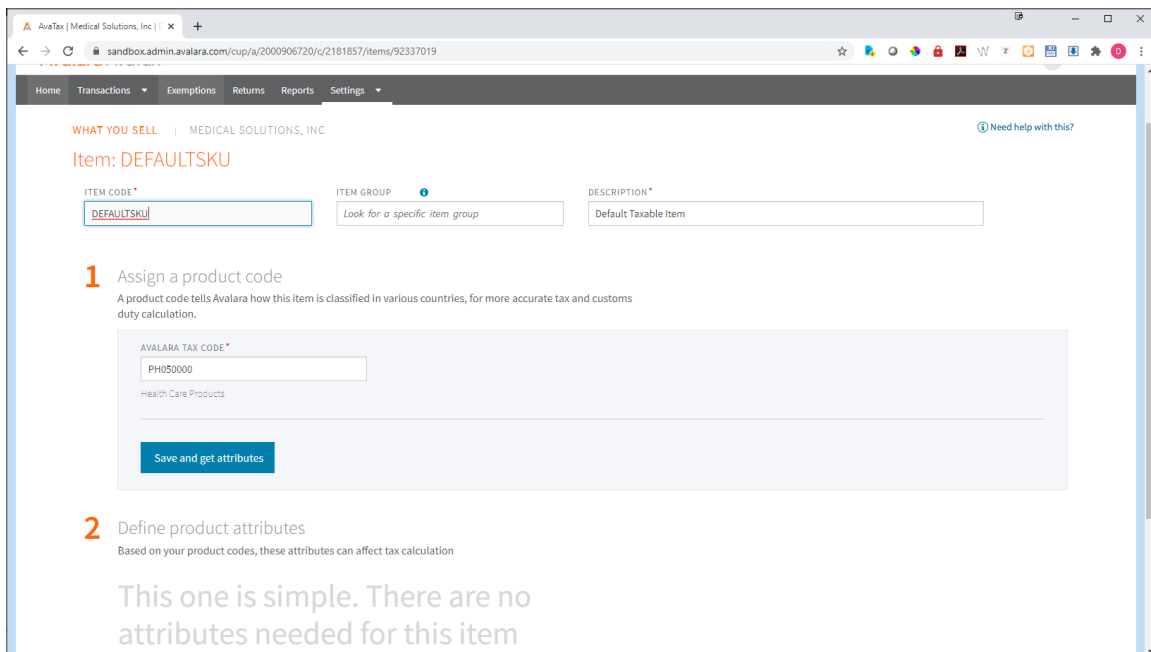
Step 2. Setting up your Locations and Tax Nexus

Add a new location:

Once you have setup all the jurisdictions you are charging tax in you will now need to define your default products

3. Define your default product
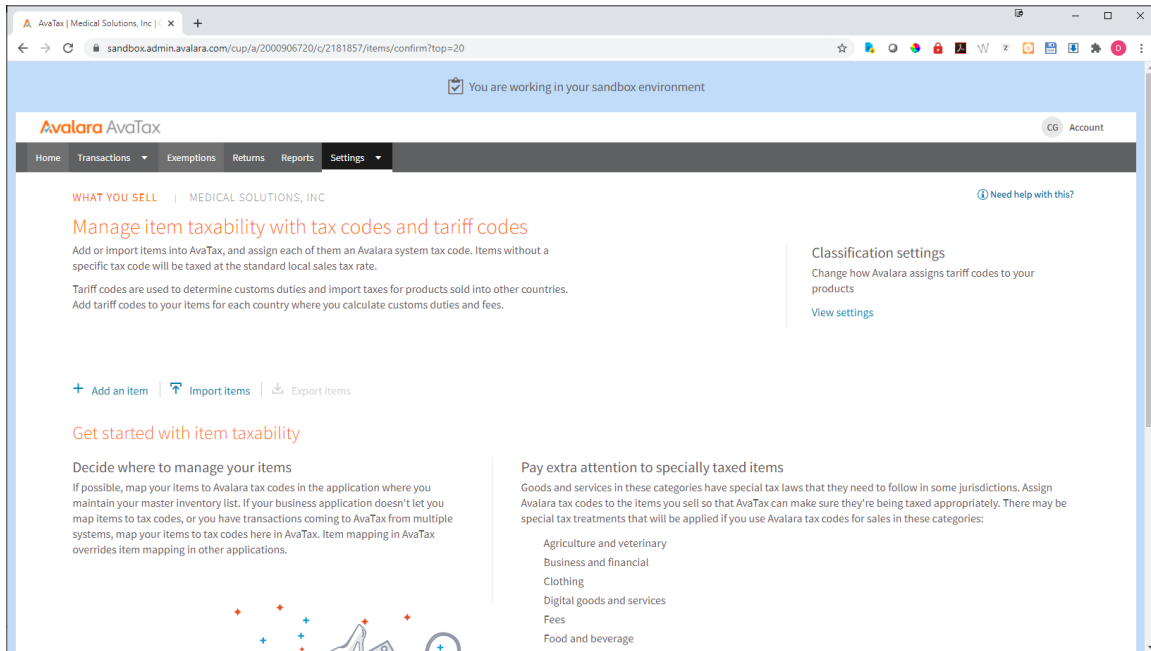
Once your default item category is setup all transactions will be based upon that product category – Example: General Merchandise or Medical Products

You are now ready to utilize the MDS Esalestax Interface
This step should be performed by your TSH Support Representative

Setup for PARAMETER ESALESTAX

0001: 199.5.163.136
0002: 1222
0003: DEFAULT
0004: Y
0005: Y
0006: Y
0007: PATH
0008: 2000906720
0009: 9DE0E0110C6DCEDE
0010: http://avatax.avalara.com/services/[AVALARA.TYPE]
0011: Y
0012: 05/20/12
0013: AVALARA
0014: Y
0015: https://development.avalara.net/Tax/TaxSvc.asmx?[AVALARA.TYPE]
0016: AvaTaxforMDS-Nx
0017: TSH-MDS-Adapter
0018: *
As of release 12.10 MDS Requires that the Line Item Flag must be set to "Y"
If you turn on the address verification parameter this service must also be purchased from avalara.com
Your Serial number is provided by your TSH/Esalestax admin

NOTES FOR PARAMETER

0019: ** THIS IS ESALESTAX VERSION
0020: * attr #1 Esalestax Client IP Address
0021: * attr #2 Esalestax Client Port Number
0022: * attr #3 Customer's Esalestax Serial Number/Avalara profile name
0023: * attr #4 Line Items flag (for CALCULATE transaction) (Y/N)
0024: * attr #5 Address Verification flag (for CALCULATE transaction) (Y/N)
0025: * attr #6 Breakdown Taxes flag (for CALCULATE transaction) (Y/N)
0026: * attr #7 Esalestax Program Path (unix or NT path information) - old
0027: * attr #8 Username for Web Service (Speedtax)
0028: * attr #9 Password for Web Service (Speedtax)
0029: * attr #10 URL for Esalestax Web services :
0030: * ESALESTAX: http://webservices.esalestax.net/CertiTAX.NET/[REQUEST.TYPE]
0031: * SPEEDTAX: http://service.myspeedtax.com/tx/services/STxTransactionService
0032: * AVALARA: https://avatax.avalara.com/services/[AVALARA.TYPE]
0033: *   https://development.avalara.net/Tax/TaxSvc.asmx?[AVALARA.TPE]
0034: *   https://avatax.avalara.net/Tax/TaxSvc.asmx?[AVALARA.TYPE]
0035: * attr #11 Flag to determine if Esalestax is active on this account(Y/N)

0036: * attr #12 Start date in MM/DD/YY format - can't send tax before this dt
0037: * attr #13 interface type ESALESTAX or SPEEDTAX or AVALARA
0038: * attr #14 - Send using Curl Y/N
0039: * attr #15 - Url for Suretax
0040: * attr #16 - AVALARA profile CLIENT
0041: * attr #17 - AVALARA profile ADAPTER
0042: ** NEW URLS FROM SURETAX
0043: * http://webservices.esalestax.net/CertiTAX.NET/[REQUEST.TYPE]
0044: * https://testapi.taxrating.net/Services/STOL/STD/V01/CertiCalc.asmx
0045: *

During various processes (order entry, maintenance, verification, credit memos etc.)
You will see a new popup informing you that the MDS system is communicating with the
Esalestax system.
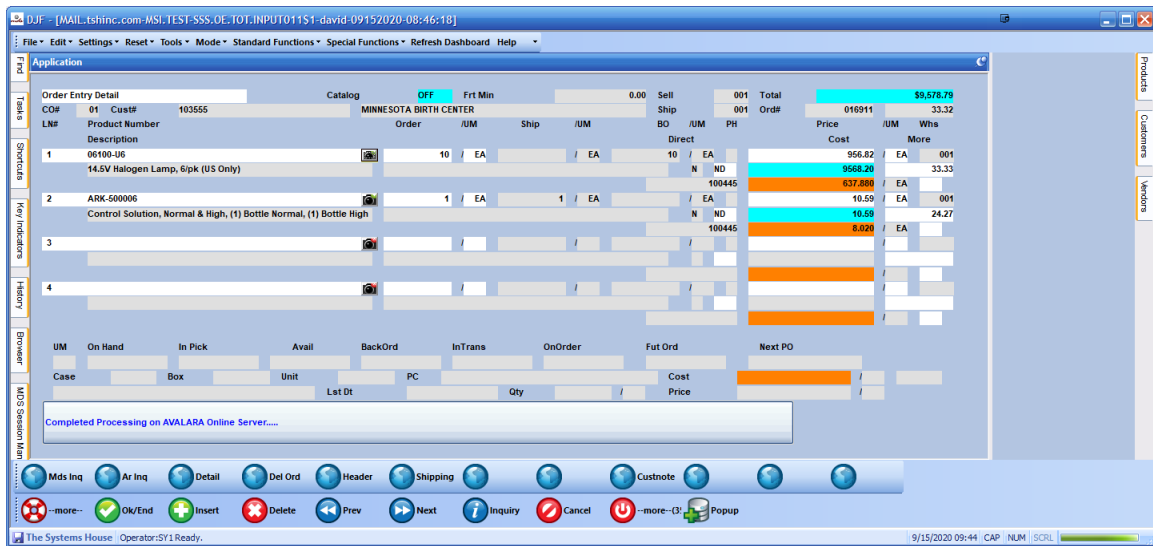
Once a response from the Esalestax system is received the MDS system will inform you
of any errors or response codes.

If there are no errors the Tax base (9568.20 in the example below) and the Tax Amount
(767.84) are displayed and stored in the order/release record
As well as a certitax transaction ID. The Jurisdiction will be ESALE for Automated
Sales Tax Calculation
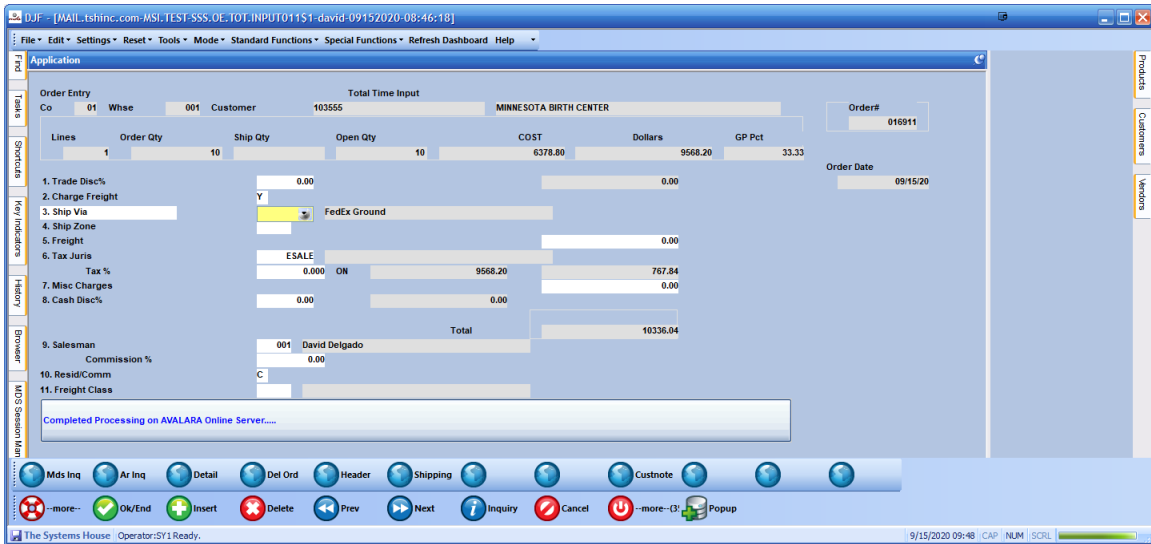
Examples of an error would be a communications Error (Code 999)
The most common error is a 999 – this is caused by the server not responding within 5 seconds - - and is a non-fatal error – you can recalculate by going to the ship via or freight class fields.

You can now verify that the transaction was successfully transmitted to the avalara.com website by logging in and going to the transactions tab.

The MDS order/Credit Memo/Release number is sent to Esalestax for lookup purposes
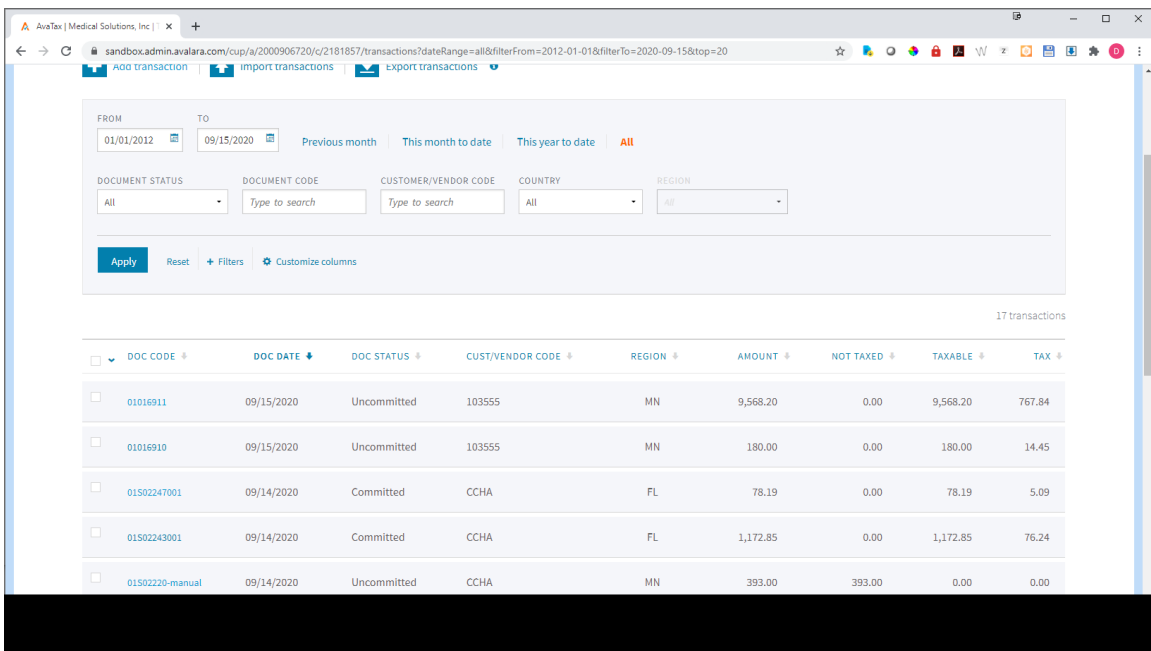
You can then view the details for each transaction

Once the MDS Invoice Update process is run the tax transactions are converted from "Uncommitted" to "Committed"
And creates a tax liability for your company

At the end of your reporting periods (monthly, quarterly, etc.) you can now run a register on the Esalestax system and check against the sales tax totals for the same period in the MDS system. NOTE: Because MDS doesn't calculate the totals we can only match to the totals and if there is a discrepancy you will need to summarize by customer or ship to location on both sides using reporting tools to identify any issues.
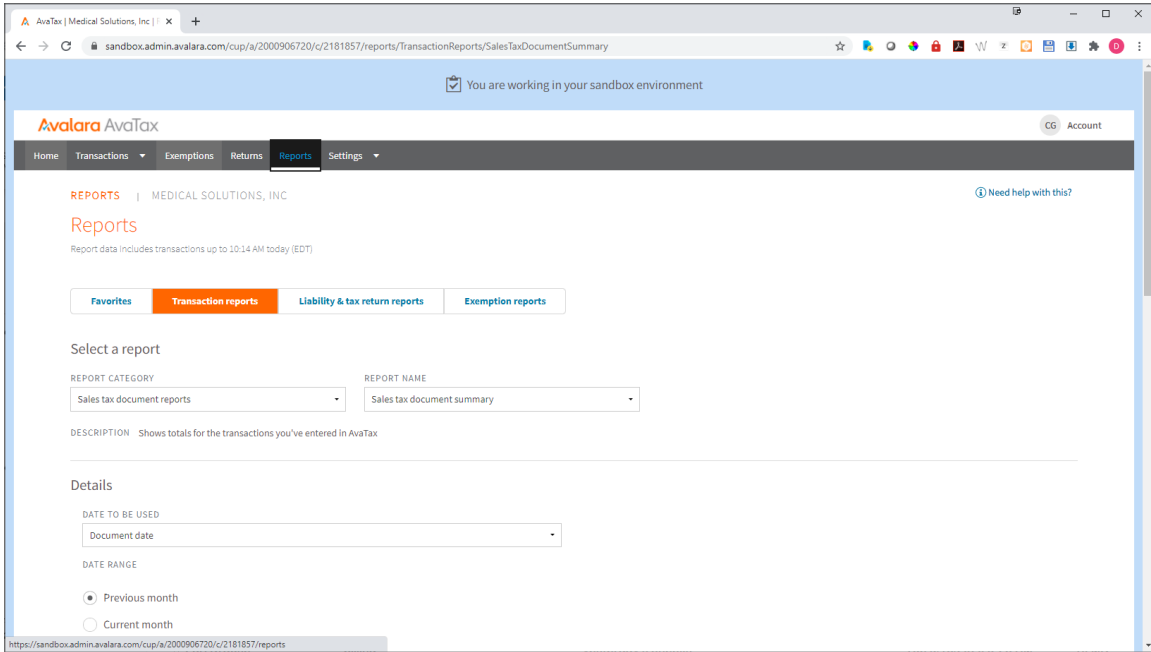
The Avalara.com website provides useful spreadsheets for reporting, as does the MDS system.
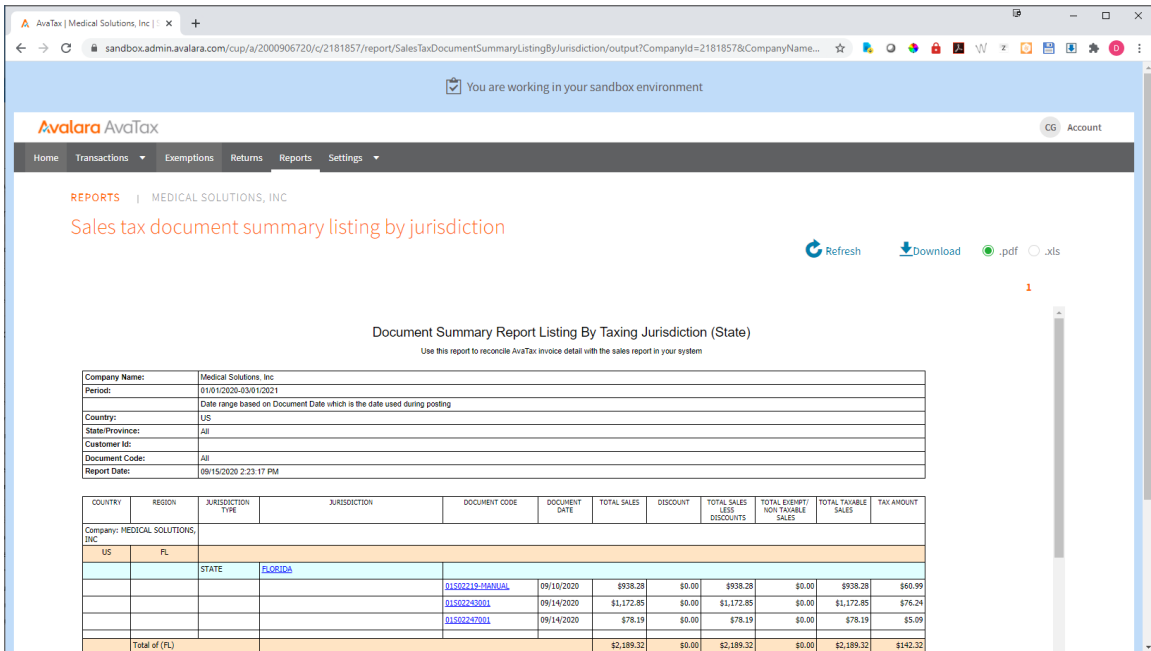
Here is an example of the spreadsheet you can download

To run a register from MDS you can use any of the standard Tax Listings or
Your custom exports (example of a custom export below)

Note the

Transaction Date	Transaction ID

Can be used to tie out the transaction back to the Esalestax online platform this is the internal id used for the transaction in both MDS and the Avalara Platform.