



# Extender module: Validate AR State

Setup Documentation

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## What's Included

An Extender module imported through Orchid Systems' Extender Setup > Module adds:

- A state table to enter the valid states
- A finder on the AR Customer screen to the State Table

The module script is named: ValidState V1.00.vi

It contains:

- One Extender OCX Script which will add a finder to the AR1300 Customer Screen .
- One Extender View Script – attached to AR0024 which will validate what is entered in the State/Prov field
- A custom table [ORCHID.STATEVALID.VISTATE] that contains the valid states

This module requires Extender Developer Edition.

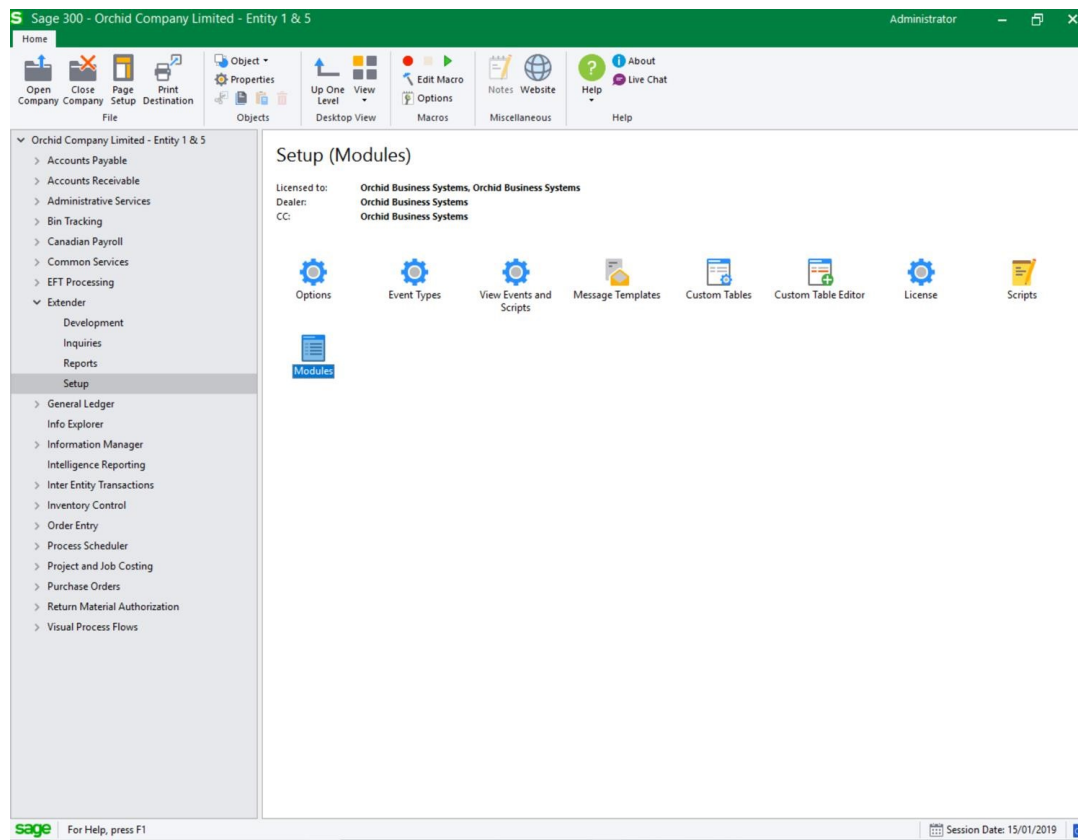
## Disclaimer

This application is to be used with Sage 300 and Orchid Systems modules only.

Orchid Systems provides the application as-is having been developed and tested in-house using a standard Sage 300 implementation with Sage sample data.

If this code is deployed in a live production environment it is the responsibility of the End User to ensure that it is operating as required.

From the Extender Setup menu, select the Modules screen.



When the Modules screen opens, press [IMPORT] and import the module script: StateValid v1.0.vi  
Restart the Sage 300 Desktop – to refresh the available views and OCX subclassing

SAMLTID - Extender Modules

File Help

Company	Name	Description	Date Installed	Website	Version	ID
Orchid Systems	Import Transactions into GL v1.02	Import CSV file entries into G/L Batch	28/01/2019	www.orchid.systems	1.02	ORCHID.GLIMPORT
Orchid Systems	Orchid - Demo - PO Order Print and Email	Demo PO Order Entry Screen with Print and Email	28/01/2019	www.orchid.systems	1.00	ORCHID.POUIDEMO
Orchid Systems	StateValid	Validate AR State field against a custom table		www.orchid.systems	1.00	ORCHID.STATEVALID

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Import... Export... Enable Disable Close

## View Script / OCX Script / Custom Table

Importing the module will automatically

- Create the State table required
- Create the OCX Extender script for the AR Customer Screen
- Create the View Extender script for the AR Customer View

## Custom Table

A custom Extender table is created as part of importing the module script.

VISTATE – Valid States

The screenshot shows a software window titled "SAMLTD - Extender Custom Tables". It has a menu bar with "File" and "Help". Below the menu bar, there are several input fields and buttons:

- Name:** A text box containing "ORCHID.STATEVALID.VISTATE" with navigation buttons (back, forward, search, add) to its right.
- View ID:** A text box containing "VI0702".
- Comments:** A text box containing "Valid State codes".
- Database Table Name:** A text box containing "VISTATE".

Below these fields are two tabs: "Fields" (selected) and "Keys". The "Fields" tab contains a table with the following data:

Lin...	Name	Type	Description	Size	Decimals
1	STATECODE	Text	State Code	30	0
2	STATEDESC	Text	State Name	60	0

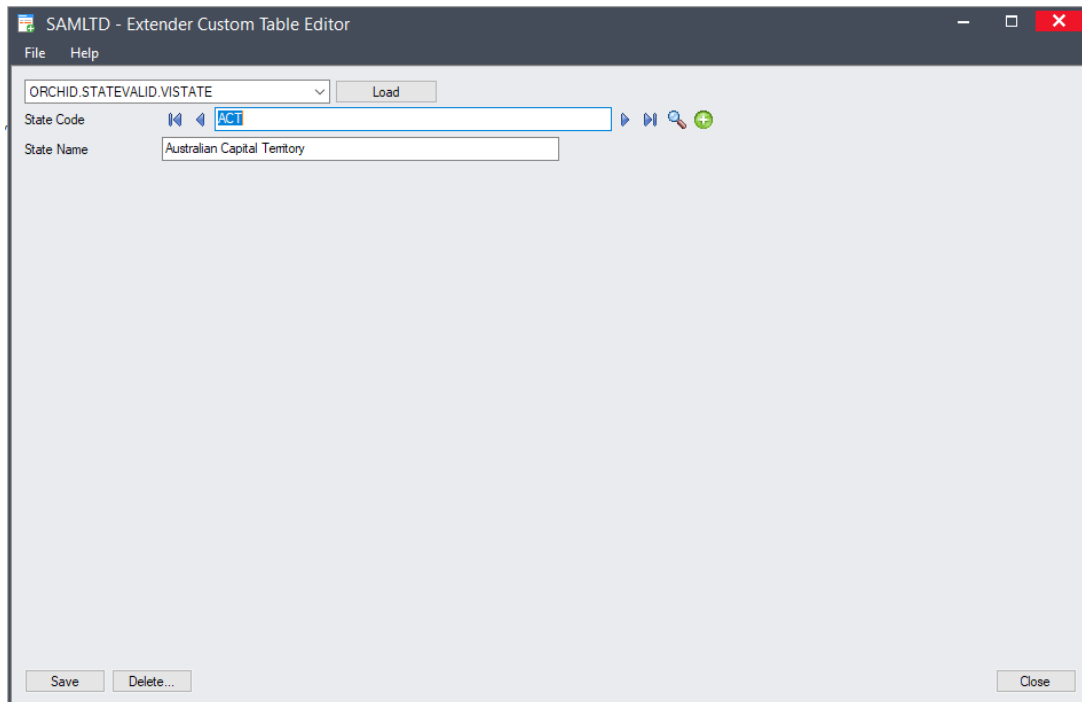
At the bottom of the window, there are four buttons: "Details", "Save", "Delete", "Open Table Editor", and "Close".

## Entering data into the Custom Tables view the custom edit screen.

To enter data into the State table, use either the standard Extender Custom Table Editor as shown below, or the Custom Tables screen, find the VISTATE table and click “Open Table Editor”.

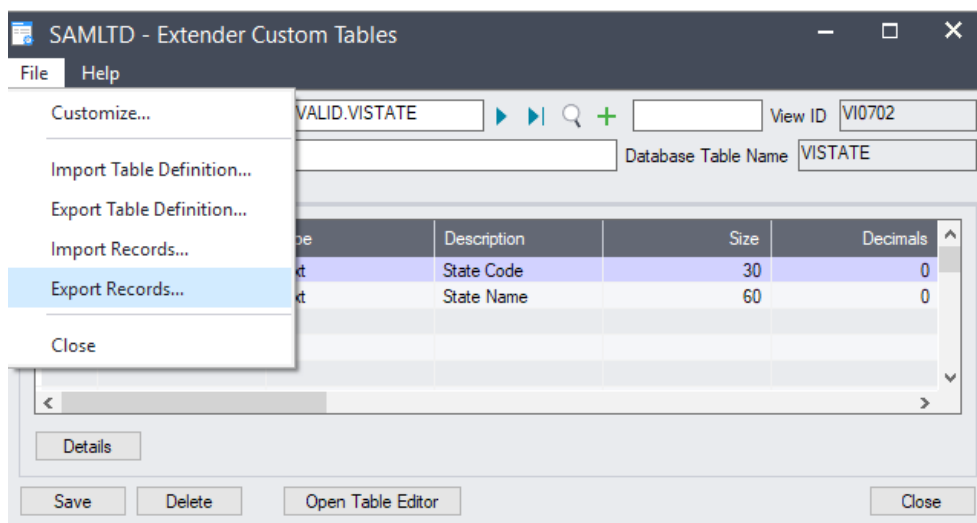
Launch the Custom Table Editor from the Extender Setup menu

Select “ORCHID.STATEVALID.VISTATE” from the drop down table list, and click “Load”



Add a new record for all the required states.

To Import\Export records into the VISTATE table, use the Extender Custom Tables Screen, Select ORCHID.STATEVALID.VISTATE for the table name and Select File\Import Records or File\Export Records

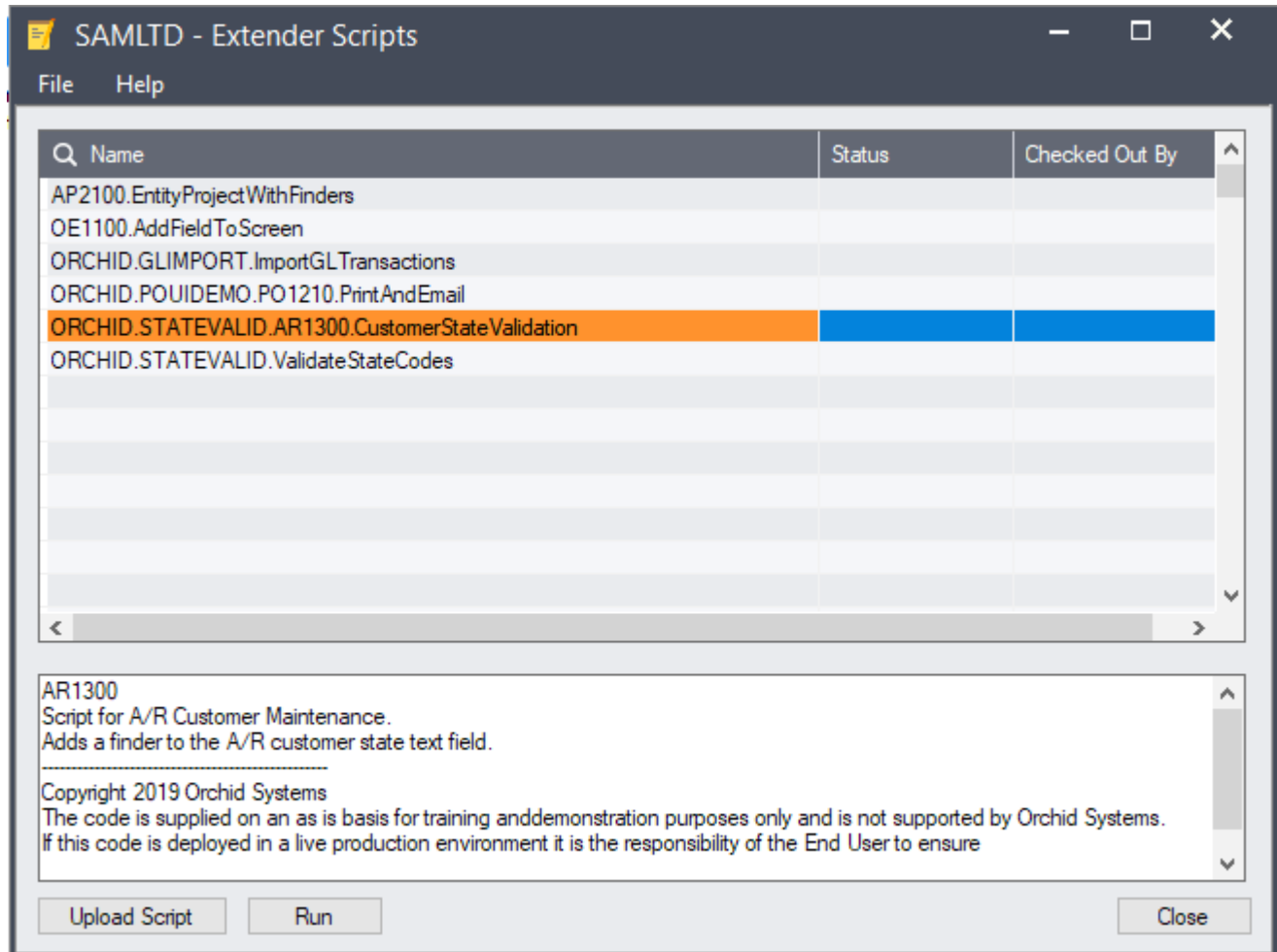


## Extender Scripts

2 Extender scripts are automatically created as part of importing the module script:

- ORCHID.STATEVALID.AR1300.CustomerStateValidation – applied to the AR1300 Customers screen.
- ORCHID.STATEVALID.ValidateStateCodes – and attached to AR0024 in View Events and Scripts

Extender Scripts



## How the ORCHID.STATEVALID.AR1300.CustomerStateValidation works.

This Script adds a finder to the VISTATE Table

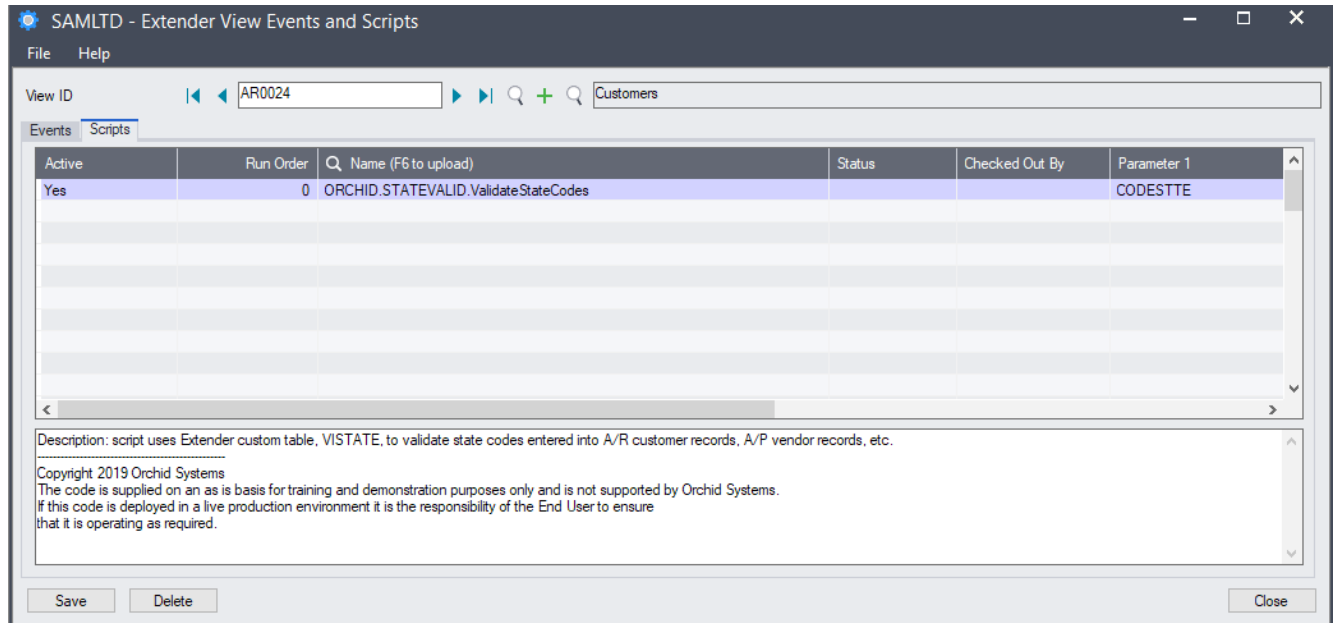
The main window is titled "SAMLTD - A/R Customers" and contains a form for customer data. The "Customer Number" is 1100 and the "Customer Name" is "Bargain Mart - San Diego". The form has tabs for Address, Contact, Processing, Invoicing, Optional Fields, Statistics, Activity, and Comments. The "Address" tab is active, showing fields for National Account No. (BARMART), Business Reg. No., Group Code (WHL), On Hold checkbox, Last Maintained (31/01/2019), Inactive checkbox, Short Name (BMT-SD), Start Date (01/01/2009), Territory (CA), Address (Bargain Mart Plaza, Corner 182nd and 34th Street), City (Anytown), Country (USA), State/Prov. (NSW), Telephone ((408) 451-8981), Zip/Postal Code (45112), E-mail (Jose@bargainmart.com), and Web Site (www.BargainMart.com). At the bottom are "Save" and "Delete" buttons.

The "Finder -" dialog box is open, showing a table of state codes and names. The table has two columns: "State Code" and "State Name". The first two rows are "ACT" (Australian Capital Territory) and "NSW" (New South Wales). The "Find By" dropdown is set to "Show all records", and the "Auto Search" checkbox is checked. The "Select" button is highlighted.

State Code	State Name
ACT	Australian Capital Territory
NSW	New South Wales

## How the ORCHID.STATEVALID.ValidateStateCodes works.

When the ORCHID.STATEVALID.ValidateStateCodes is attached to the required views (AR0024 – Customers in our module), the state field name (where the validation is applied) is configured in Parameter 1.



When an invalid state code is entered, you will receive the appropriate message

The screenshot shows the 'SAMLTD - A/R Customers' application window. The 'Customer Number' is 1100 and the 'Customer Name' is 'Bargain Mart - San Diego'. The 'Address' tab is selected, showing fields for 'National Account No.' (BARMART), 'Business Reg. No.', 'Group Code' (WHL), 'On Hold' (unchecked), 'Last Maintained' (31/01/2019), 'Short Name' (BMT-SD), 'Address' (Bargain Mart Plaza, Corner 182nd and 34th Street), 'City' (Anytown), 'State/Prov.' (abc), 'Zip/Postal Code' (45112), 'Country' (USA), 'Telephone' ((408) 451-8981), 'Fax' ((408) 451-8711), 'E-mail' (Jose@bargainmart.com), and 'Web Site' (www.BargainMart.com). A 'Message' dialog box is displayed in the center, stating 'State [abc] is not a valid state.' with an 'OK' button.

Customer Number \* 1100 \* Required

Customer Name Bargain Mart - San Diego

Address Contact Processing Invoicing Optional Fields Statistics Activity Comments

National Account No. BARMART Bargain Mart Stores, Inc.

Business Reg. No.

Group Code \* WHL Wholesale Sales Group

☐ On Hold Last Maintained 31/01/2019

Short Name BMT-SD Start Date

Address Bargain Mart Plaza  
Corner 182nd and 34th Street

City Anytown Country USA

State/Prov. abc Telephone (408) 451-8981

Zip/Postal Code 45112 Fax (408) 451-8711

E-mail Jose@bargainmart.com

Web Site www.BargainMart.com

Save Delete Close

Message  
State [abc] is not a valid state.  
OK