EPS Learning:

*Stop Duplicate Customer PO Numbers*

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## Summary

### Issue: To check if there is duplicate PO# within the customer hierarchy account (parent-child)

### Solution: To create a script that check and validate PO# field in the Sales Order within the customer hierarchy account (parent-child)

## Solution Design

* Add a 'PO Check' button on the Sales Order. When clicked, this button will check if the PO# (purchase order number) entered in the {otherrefnum} field is already being used by another Sales Order for the same customer group.
* Set up a saved search to verify the PO# usage within the customer group, with these filters:
  + PO# matches the Sales Order's PO#.
  + Customer matches the Sales Order's customer or their parent entity.
* Implement a User Event script to display the 'PO Check' button on the Sales Order.
* Develop a Client script that activates when the 'PO Check' button is clicked. This script will confirm the uniqueness of the PO# and notify the user if a duplicate is detected, but it will still allow the Sales Order to be saved.

## Customization Components

1. [CTC | Validate Duplicate PO# UE](https://9086923-sb1.app.netsuite.com/app/common/scripting/script.nl?id=2411&whence=)

* User Event script deployed on Sales Order
* Triggered on BeforeLoad on CREATE or COPY only
* Shows the “Check PO#” button and calls the client script once this button is clicked.

1. [CTC\_CS\_ValidateDuplicateCustomerPO.js](https://9086923-sb1.app.netsuite.com/app/common/media/mediaitem.nl?id=1005998)

* Client script triggered upon click of the Check PO# button.
* It gets the parent customer (if available) or customer and the PO Number of the Sales Order.
* It then runs the search to check if the PO Number is already used by a Sales Order for the customer/parent customer. Sales Order must not have a status of Closed or Cancelled.
* If a match is found, then a message will popup notifying the user:

*“The PO# [xxx] is already being used in another Sales Order: SOXXX”*

A screenshot of a computer

Description automatically generated

* If no match is found, then the following message will popup:

*“No duplicate/s found for the PO#. It is safe to proceed.”*

