



Drop and Go Weekly Report

Horizon Known Error - jsim1215Q

Description

Although the Horizon code is working as expected it results an undesirable impact to the Drop & Go session.

If the user has not completed the compliance training adds a compliance product to the session the user receives a message stating that the training is not done and the script is exited.

This leaves the other products still in the basket but when they try to settle these they get an error message advising the Drop&Go card is locked.

The Solution options outlined are as follows:

1. Start Transaction to return an error rather than throwing an exception if we try to transact an EUM barred product. 60 code paths which call this function are impacted. Needs design to consider how to handle this particular error and code changes in each impacted path.

Actions Investigation - Significant Counter regression testing required.

2. New AP-ADC data type(s) to provide script access to EUM training curriculum data. This would stop the clerk before he got too far down the DRGO journey. **Actions Investigation** - Require possible complex AP-ADC script changes to utilise.

3. Check EUM training curriculum data within counter AP-ADC implementation before Start transaction is called. Handle error locally. May still require AP-ADC updates. **Actions Investigation** - Needs AP-ADC regression testing.

There are a number of ways a AP-ADC script can cause a product to be added into the basket including:

- In the case described in the Peak the DRGO script is using the Chain() datatype with an AddProduct action.
- Product() datatype with MAKECUR option to make the product the current product will also fail in the same way. If you don't specify MAKECUR (i.e. just get info on the product) it works. Need to determine if the latter case should return an error also.
- AssociatePart (& possibly PSAssociatePart though I haven't checked that one) will allow you to add in an otherwise EUM barred product as an add-on to the primary product. Though this is unlikely to become an issue in practice I would question whether this should be allowed to sneak through.
- Chain into PS-12 and trying to transact a barred product from within PS-12 will fail in the same way.

4. Should Abandon Exception be killing AP-ADC chaining? Abandon Exception is relatively low down the Exception pecking order.

Actions Investigation - May need to change existing code that returns Abandon Exception to return some other exception.

5. Somehow treat DRGO scripts differently to other scripts, possibly via an option to an existing datatype - the counter pp does not know it is running a DRGO script just that it's an AP-ADC script. **Investigation required.**