

VERSION RELEASE NOTES

INTERCONNECT

InterConnect Version List:

[\[2.2.3.4 - Official Release\]](#)

2.2.3.4 - Official Release (21.01.2022 4:45 PM)

- **Release Priority:** Medium
- **Database Prerequisites:**
 - BPO WebPortal v2.3.0.6
 - BPO InterConnect v1.1.1.0
- **Application Type:** BPO Middleware – Task Scheduled Console App

BPO INTERCONNECT v2.2.3.4 MODIFICATIONS

- CR 86 –
 - Create clients on Radius system with BPO Customer info when a Radius Fee type is added to their contract, only if customer does not already exist on Radius. Create/Update Radius Accounts with Contract Item Fee inserts and updates. Add prepaid top up when Radius Top-up Service is added to a BPO Sales Invoice.
 - Create clients on VOIP system with BPO Customer info when a VOIP Fee type is added to their contract, only if customer does not already exist on VOIP. Create VOIP Trunks with Contract Item Fee inserts and updates.

- CR 87 - Rejecting an assignment to a remote site technician should cancel the Synced Call relationship on the local BPO and the remote BPO and close the call on the remote BPO system.
- CR 94 - Integrate BPO with a telecoms billing platform called PBXware. The goal is to pull through billing information from PBXware API into Reset fees that are setup on contracts linked to functional locations. This will assist in automating the billing process.
- CR 130 - Automate the integration between Radius, VOIP and BPO using InterConnect so that changes to the customer, contract, contract item or item fee status cascades to the Radius or VOIP system to disable/enable client accounts and trunks.
- CR 142 - InterConnect sync conditions to be removed and only one condition to be set, such as the Serial number. Conditions like the Part Code are to be removed as this cannot be maintained across multiple databases. Serial Numbers can be used as these will almost always be Unique. This change will allow the InterConnect Pre-Sync Conditions to be configurable within InterConnect Configurator allowing a company to set their own pre-sync validation rules to determine if a call should be synchronized.

FIXES AND UPDATES

- DBN0098509 - Push Destinations and Pull Sources - When saving changes without including a Destination Name, the user is asked to update this field however, when clicking on Yes, the screen is closed, and the user must enter in all details again.
- DBN0098514 - Push Destinations and Pull Sources - Local Entity to Sync or Update - When clicking on the entity type drop-down list twice, the list only displays calls, and the other information is removed.

- DBN0098525 - Push Destinations and Pull Sources - Local Entity to Sync or Update - When selecting an entity type except for Calls, the EntityType field is blank when clicking away on the screen or ticking the check box in the Active field.
- DBN0105567 - Added configuration Yes/No parameter SendNotificationEmails flag to configure if application should send Notification Emails in the Env.xml file. Multiple email addresses need to be comma separated without spaces.
- Cases where emails are sent:
 1. An Exception email is sent when there is a problem syncing a Call.
 2. After getting fee usage if '-emailreports' command line parameter is supplied then update logs are emailed.
 3. If there was a problem sending a fee update to a 3rd party service and
 4. If there was a problem sending a sales invoice top-up to a 3rd party service.
- DBN0108286 - Log files are now saved in .TSV format. Log files are text files that can be opened in any text viewer, but changing the extension to .TSV, it allows the user to open the log files in excel format which makes the data more readable.
- DBN0109780 - Environment row - Delete button - When deleting an environment from InterConnect Configurator, the status does not update in SQL and throws a Primary Key error when attempting to re-add that environment.
- DBN0109948 - BPO2 - Contract - Add or Edit button - On creating a contract when Interconnect is configured for that environment, an error occurs stating Invalid column name fldconditionFilter.

- DBN0113224 - When attempting to sync calls from the master BPO to the slave BPO, an error is displayed in the log files - GetAssetContractInfo error Session token no longer exists, new login required.
- DBN0114243 - InterConnect Configurator - When setting up an InterConnect environment, you will receive an error stating “Cannot insert value Null into fldPreSyncData table tblICONDestEntities” upon saving.
- DBN0114519 - InterConnect Configurator - On the login tab for InterConnect Configurator, the tab’s name is displayed as BPO Login and not InterConnect Login.
- DBN0114534 - InterConnect Configurator allows a user to login using an Interconnect version that is higher than the version upgraded on the database in tblCNFGVersion.
- DBN0114630 - Call Sync - When a call is synced from a Master Server to a Slave server, the Work Order Description field is not pulled through onto the Slave BPO.
- DBN0117664 - SQL - tblCNFGCodes contains 2 separate instances of BPO Interconnect in the fldApplist field and one has a missing description.

Additional Information

- Added configurable PreSync validation settings to the destination entities. Currently only BPOWebPortal Calls synchronisation makes use of this methodology.
- The ‘Config’ button on the login screen for the InterConnect Configurator app has been removed. Only environments existing in registry will be automatically read hence there is no need for the ‘Config’ button on the login screen.
- Included new WebPortal button in the InterConnect Configurator app. This allows you to setup the relevant WebPortal connection

details for the database that is currently logged on to InterConnect. URL must be in the following format: http://IP Address:Port Number/Name of WebPortal install folder/bpweb/

- New buttons 'Copy Condition Filter', 'Paste Condition Filter Value', 'Paste Condition Filter Row' and 'Apply Selected Filter to Destination' added to the InterConnect Configurator application and is to be used for Push Destinations only.
 - Copy Condition Filter: Copies the currently selected Filter into memory.
 - Paste Condition Filter Value: Pastes only the Value and Display Value from the previously copied Filter into the currently selected Filter Condition.
 - Paste Condition Filter Row: Pastes the complete Condition Filter record to the currently selected Filter Condition row. (An exception will be thrown if the copied field is not valid in the selected section.)
 - Apply Selected Filter to Destination: Copies the currently selected Filter into memory then adds it to all the Entity Events in the Destination where the selected Filter Field is available. If a Condition Filter already exists for the field, then all the fields, except id fields, in the record will be updated with the selected Filter's field values.
- For more details on setting up InterConnect and other important information, please refer to the 'BPO InterConnect - Overview and Installation - 2.2.3.4.pdf' document in the upgrade pack.



Rollout details

- Run the BPO_InterConnect_v2.2.3.4 upgrade and check for errors in the results file.

- Run the InterConnect_v2.2.3.4 Validation, and check that there are no errors.
- Install BPO InterConnect - 2.2.3.4.

File Location on WinSCP

\\Implementations\CO3_Releases\Applications\BPO_V2\BPO2_CompanionInstallers\ScheduledApplications\BPO_InterConnect

BPO.RSI.046