

Adding New Partner into the uclick system

Partner: Partner is the one who will send/receive the traffic to AGS system.

Below are the 2-information required to setup a new account.

- Network Manager (CCPL: Daniel) sends the **network related** information.
- Alia (AGS) sends the information which has to be configured into the billing account info


Network related information


Daniel sends the below mail which will consists of

- Partner name (**Dextel**)
- Partner type (**Prepaid**/Postpaid)
- Virtual Network ID (**94**)
- Trunk Group IDs (**1,2**)
- Trunk Group Name (**Dexatel1_23-125, Dexatel2_15-125**)
- Remote Destination (**217.118.23.125, 85.25.15.125**)
- Direction (Inbound/Outbound/**Bidirectional**)
- CRF route Profile ID (**94**)

New Partner Dexatel (Prepaid)

DS Daniel See
To You, Sheril Amilia Binti Hajah Maidin, Mohamad Firdaus bin Musa, Avinash Bendigeri, +3 03:17

 IBCF_Trunk_Group_export_20...
XLSX - 19 KB

 Technical form AGS latest 202...
XLSX - 40 KB

2 attachments (58 KB)

Hi Push

Please configure New partner **Dexatel (Prepaid)** on uClick.
Trunk and Tech Files are attached.

Virtual Network ID	Trunk Group ID	Trunk Group Name	Remote Destination IP/FQDN
94 -- Dexatel	1	Dexatel1_23-125	217.118.23.125 Bidirectional
94 -- Dexatel	2	Dexatel2_15-125	85.25.15.125 Bidirectional

CRF Route Profile ID: **94**

Thank you.

1. Create a new account

ReferenceCenter -> Accounts -> Create

- Add the account name, abbreviation and account number as Dexatel.
- Account type should be set as Carrier
- Account status to be set as Active
- Company will be unassigned
- Add a meaningful comment
- If the country is mentioned in the mail then we add it, else it can be left empty

The screenshot shows the 'Reference Center' interface on Monday, September 1, 2020. The top navigation bar includes 'Home', 'Account', 'Configuration', 'Network', and 'Destination'. The 'ACCOUNT' section is active, showing a welcome message for Avinash Bendigert. Below the navigation bar, there are search filters for Account, Type, Company, Status, and Date. The main content area is titled 'Create new Account' and contains several input fields: Account Name, Account Abbreviation, Account Number, Address1, Address2, City, State, Zip, Phone, Fax, and Country. To the right of these fields are dropdown menus for Account Type (set to 'Carrier'), Company, and Account Status (set to 'Active'). There are also input fields for Credit Limit, Deposit, Buyer, Seller, Contact Person, and a Comment field. The form is ready to be submitted with 'Create' and 'Cancel' buttons.

2. Create a new agreement:

Account -> Agreement

The screenshot shows the 'Reference Center' interface on Thursday, September 3, 2020. The top navigation bar is the same as the previous screenshot. The 'ACCOUNT' section is active, showing a welcome message for Pushpinder Mahant. Below the navigation bar, there are search filters for Account, Type, Company, Status, and Date. The main content area is titled 'Agreement' and contains a 'Create new Agreement' form. The form has four input fields: Agreement Name, Agreement Abbreviation, Begin Date, and End Date. The Agreement Name and Agreement Abbreviation fields are pre-filled with 'Dexatel Agreement'. The Begin Date field is pre-filled with '09/01/2020'. The End Date field is empty. The form is ready to be submitted with 'Create' and 'Cancel' buttons.

3. Create a rate plan Inbound:

Account name -> Rate plan -> +

- Add Rate plan: [Account Name] [Hubbing][Direction][Currency]
- Dexatel Hubbing Inbound USD
- Add Rate plan Abbreviation: Dexatel HUB IB USD
- Add Direction: **Inbound** / Outbound
- Add Rate plan group: Hubbing Inbound
- Currency: **USD**/SGD
- Product CatLog: **Reference Destination Rating**/ Vendor Destination Rating
- Add date.

The screenshot shows the 'Reference Center' web application interface. The top navigation bar includes 'Home', 'Account', 'Configuration', 'Network', and 'Destination'. The 'Account' tab is active. Below the navigation bar, there are search filters for 'Account', 'Type', 'Company', 'Status', and 'Date'. The main content area is titled 'Create new Rate Plan' and contains a form with the following fields:

- Rate Plan: Dexatel Hubbing Inbound USD
- Rate Plan Abbreviation: Dexatel HUB IB USD
- Direction: Inbound (dropdown menu)
- Rate Plan Group: Hubbing Inbound
- Currency: USD
- Product CatLog: Reference Destination Rating
- Begin Date: 09/01/2020
- End Date: (empty field)

At the bottom of the form, there are 'Create' and 'Cancel' buttons. A note at the bottom states: 'Note: Product rating options are based on Direction selected.'

4. Create a rate plan Outbound:

Account name -> Rate plan -> +

- a) Add Rate plan: [Account Name] [Hubbing][Direction][Currency]
 1. Dexatel Hubbing Outbound USD
- b) Add Rate plan Abbreviation: Dexatel HUB OB USD
- c) Add Direction: Inbound / **Outbound**
- d) Add Rate plan group: Hubbing Outbound
- e) Currency: **USD**/SGD
- f) Product CatLog: Reference Destination Rating/ **Vendor Destination Rating**
- g) Add date.

Reference Center
Monday, September 7, 2020

Home Account Configuration Network Destination ACCOUNT Welcome Avinash Bendigeri

Account: Devatel Type: Company: Status: All Date: 09/01/2020 Search Create

Left
Devatel
Devatel Agreement
Rate Plan **3**
Rating Scheme

Create new Rate Plan

- Rate Plan: Devatel Hubbing Outbound USD
- Rate Plan Abbreviation: Devatel HUB OB USD
- Direction: Outbound
- Rate Plan Group: Hubbing Outbound
- Currency: USD
- Product Catalog: Vendor Destination Rating
- Increase Notice Period:
- Decrease Notice Period:
- Begin Date: 09/01/2020
- End Date:

Create Cancel

5. Create a commercial trunk for the account:

ReferenceCenter -> Network -> Trunk -> Commercial -> Create

Reference Center
Monday, September 7, 2020

Home Account Configuration Network Destination COMMERCIAL TRUNK Welcome Avinash Bendigeri Log Out

Account: Trunk: Switch: All Status: All Search Create

Left
Click "Search" to get details.

Create new Commercial Trunk

- Trunk: Devatel
- Account: Devatel
- Trunk Type: Commercial
- Switch: Commercial
- Description:
- Effective Date: 09/01/2020
- Status: Active
- Direction: BiDirectional
- Note:

Create Cancel

6. Create Point of Interconnect:

ReferenceCenter -> Account -> Account Name -> Account Agreement -> Point of Interconnect

Reference Center
Monday, September 7, 2020

Home Account Configuration Network Destination ACCOUNT Welcome Avinash Bendigeri Log Out

Account: Trunk: Switch: All Status: All Search Create

Left
Click "Search" to get details.

Create New Agreement POI

- Direction: BiDirectional
- Begin Date: 09/01/2020
- End Date:
- Commercial Trunk: Devatel

Create Cancel

Note: Commercial Trunks are displayed based on the selected Begin Date.

7. Create Service Level Assignment

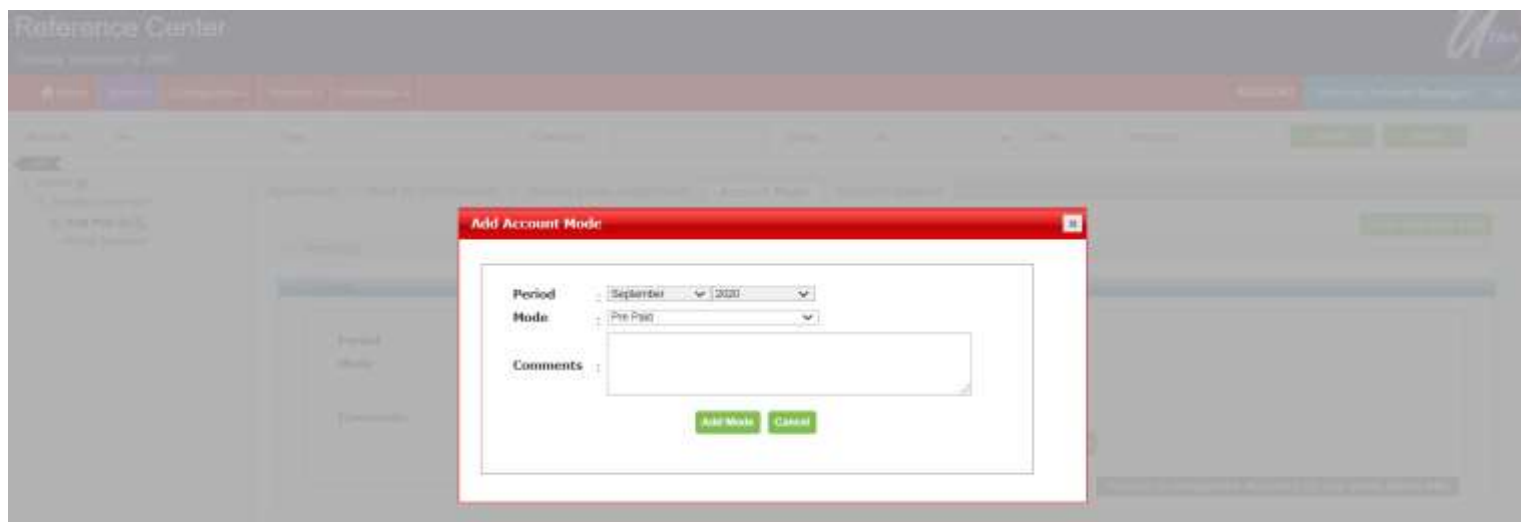
ReferenceCenter -> Account -> Account Name -> Account Agreement -> Service Level Assignment.

We can also set which trunk will get what kind of traffic with this option.



8. Set the mode of the account Pre-paid or Post-paid

By default, when an account is added, the mode will be post-paid by default. We have to change it to prepaid if the account has to be in prepaid mode.



9. Create rating Scenarios:

ReferenceCenter -> Account -> Account Name -> Account Agreement -> Rating Scenarios -> Create Inbound

Here, we will link the commercial trunk and rate plan together, so that the system understands which rate plan to use for the inbound traffic coming on this trunk

The screenshot shows a 'Create New Rate Plan Scenario' dialog box with the following fields and values:

- Rating Scenario Name: [Empty]
- Rating Scenario Description: [Empty]
- Begin Date: 09/01/2020
- End Date: [Empty]
- Commercial Trunk: Dextel [Dropdown arrow]
- Call Type: IOD [Dropdown arrow]
- Direction: Inbound [Dropdown arrow]
- Service Level: Wholesale [Dropdown arrow]
- Tariff Type: Hubbing [Dropdown arrow]
- Rate Plan: Dextel Hubbing Inbound USD [Dropdown arrow]
- Percentage: 100 [Text input]

Buttons: Create, Cancel

Note: Service Level, Rate Plan options are based on Direction selected.

ReferenceCenter -> Account -> Account Name -> Account Agreement -> Rating Scenarios -> Create Outbound

The screenshot shows a 'Create New Rate Plan Scenario' dialog box with the following fields and values:

- Rating Scenario Name: [Empty]
- Rating Scenario Description: [Empty]
- Begin Date: 09/01/2020
- End Date: [Empty]
- Commercial Trunk: Dextel [Dropdown arrow]
- Call Type: IOD [Dropdown arrow]
- Direction: Outbound [Dropdown arrow]
- Service Level: All [Dropdown arrow]
- Tariff Type: Hubbing [Dropdown arrow]
- Rate Plan: Dextel Hubbing Outbound USD [Dropdown arrow]
- Percentage: 100 [Text input]

Buttons: Create, Cancel

Note: Service Level, Rate Plan options are based on Direction selected.

10. Create Technical trunks

ReferenceCenter -> Network -> Trunk -> Technical/Physical Trunk -> Create

Use the Ips mentioned in the mail by Network Manager.

Reference Center
Tuesday, September 8, 2020

Create New Technical Trunk

* Trunk	217.158.23.122	Time Zone(mins)	
CLI		Target Usage	
* Account	Dexate	Orig Point Code	
* Trunk Type	International	Point Code	
* Originating Switch	Nokia SBC	Report Code	
Terminating Switch	-Select-	Process Code	
* CDR Match	217.158.23.122	Signalling Type	SS7
* Available Ports	0	Trunk IP	
* Activated Ports	0	Transmission Type	VOIP
* Effective Date	09/01/2020	* Status	Active
Commercial Trunk	Dexate	* Direction	BiDirectional
Description		Note	

Note : Commercial Trunks are displayed based on the selected Effective Date.

Create Cancel

Reference Center
Tuesday, September 8, 2020

Create New Technical Trunk

* Trunk	65.25.15.125	Time Zone(mins)	
CLI		Target Usage	
* Account	Dexate	Orig Point Code	
* Trunk Type	International	Point Code	
* Originating Switch	Nokia SBC	Report Code	
Terminating Switch	-Select-	Process Code	
* CDR Match	65.25.15.125	Signalling Type	SS7
* Available Ports	0	Trunk IP	
* Activated Ports	0	Transmission Type	VOIP
* Effective Date	09/01/2020	* Status	Active
Commercial Trunk	Dexate	* Direction	BiDirectional
Description		Note	

Note : Commercial Trunks are displayed based on the selected Effective Date.

Create Cancel

Now the configuration has been done in the uClick system.

11. Create Mapping

In the cdr we don't get the IP address, it's the combination of Virtual network and Trunk group address. So, we need to create a mapping between IP address and the combination of VN and TG address.

Sometimes, the partner sends the IP but few times they were bogus IPS which lead to "Trunk Unresolved" error. Mapping with VN and TG is always a better option.

In UC_Reference run the below query.

```
Insert into tb_CustomSwitchTrunkTranslation Values ("VN+TG","TrunkGroupName","IP",NULL)
```

- For trunk 1

```
Insert into tb_CustomSwitchTrunkTranslation
```

```
Values ('00940001','Dexatel1_23-125','217.118.23.125', NULL)
```

- For trunk 2

```
Insert into tb_CustomSwitchTrunkTranslation
```

```
Values ('00940002','Dexatel1_15-125','85.25.15.125', NULL)
```

After this step, configuration for rating to happen in completed. In the next step we configure to do the blocking and unblocking as well.

12. Configuration for Blocking/Unblocking.

In UC_Reference, run

```
Select * from tb_trunk
```

and get the Trunk IDS, in this case its 224 and 225

Insert the CRF Route Profile ID (mentioned in the mail) for both the trunks using the below command.

Insert into

```
tb_CustomTrunkExternalMapping("TrunkID","VNID","TGID","CRFRouteProfileID","1",getdate(),-1)
```

- Insert into tb_CustomTrunkExternalMapping(224,'0094','0001',94,1, getdate(),-1)
- Insert into tb_CustomTrunkExternalMapping(225,'0094','0002',94,1, getdate(),-1)

Now test for blocking/unblocking from UI.

13. Adding CDR processing rules for handling prefixes

Here, we have to handle the prefixes coming for Manor. All the incoming partners will be sending traffic with 385702 prefix for Manor (terminating on Manor). If there is no existing rule for the trunk then we start from 1 for Rule order

After this we have to run re-rating.

On Fri, Oct 2, 2020 at 7:29 AM Daniel See <daniel.see@ccpglobal.com> wrote:

Hi Push

Sorry I left out on the Outbound Prefix.

Same Outbound Prefix string as current old trunk. The Outbound Prefixes are aligned to the Trunk Group Name:

31.25.199.2 CLI Prefix 385702 for uClick removal.

31.25.199.3 CLI Prefix 385702 for uClick removal.

31.25.199.4 NCLI Prefix 385701 for uClick removal.

31.25.199.5 NCLI Prefix 385701 for uClick removal.

Bidirectional Manor New IP Lists:

31.25.199.2

31.25.199.3

31.25.199.4

31.25.199.5

All the existing tech details (IP, Prefix Configuration, Switch, Manufacturer, Billing System) will remain the same until further notice.

Remove all other IPs completely **except** IP series : **31.25.199.xx**.

Latest IBCF Trunk file attached.

CRF Route Profile ID = 62

Grey highlights -- Old IP for Deactivation on uClick and SBC

Green highlights -- New IP for Addition

All 10 "Trunk Group ID" maintained unchanged.

Virtual Network ID	Trunk Group ID	Trunk Group Name	Remote Destination IP/FQDN
62 -- Manor	1	Manor1_orig_42_CLI_CRF0	31.25.197.42
62 -- Manor	2	Manor2_orig_50_CLI_CRF0	31.25.197.50
62 -- Manor	3	Manor3_orig_58_NCLI_CRF0	31.25.197.58
62 -- Manor	4	Manor4_66_NCLI385701_CRF0	31.25.197.66
62 -- Manor	5	Manor5_74_CLI385702_CRF0	31.25.197.74
62 -- Manor	6	Manor6_orig_90_NCLI_CRF0	31.25.197.90
62 -- Manor	7	Manor7_2_CLI385702	31.25.199.2 Bidirectional
62 -- Manor	8	Manor8_3_CLI385702	31.25.199.3 Bidirectional
62 -- Manor	9	Manor9_4_NCLI385701	31.25.199.4 Bidirectional
62 -- Manor	10	Manor10_4_NCLI385701	31.25.199.5 Bidirectional

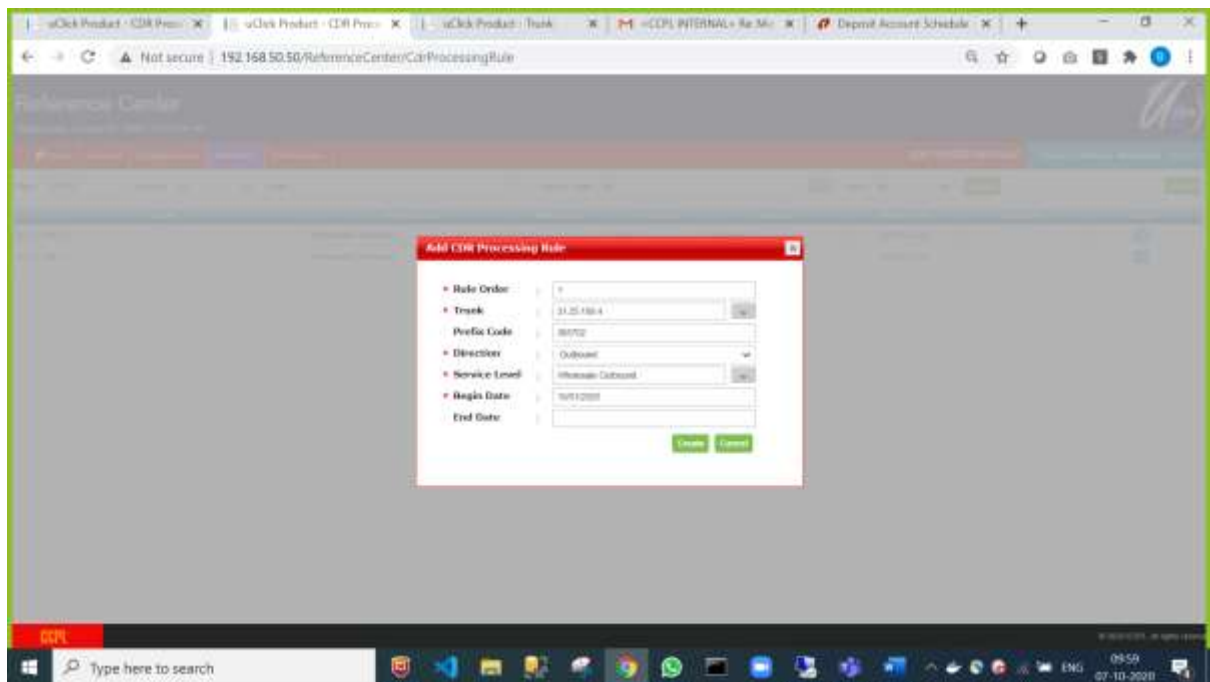
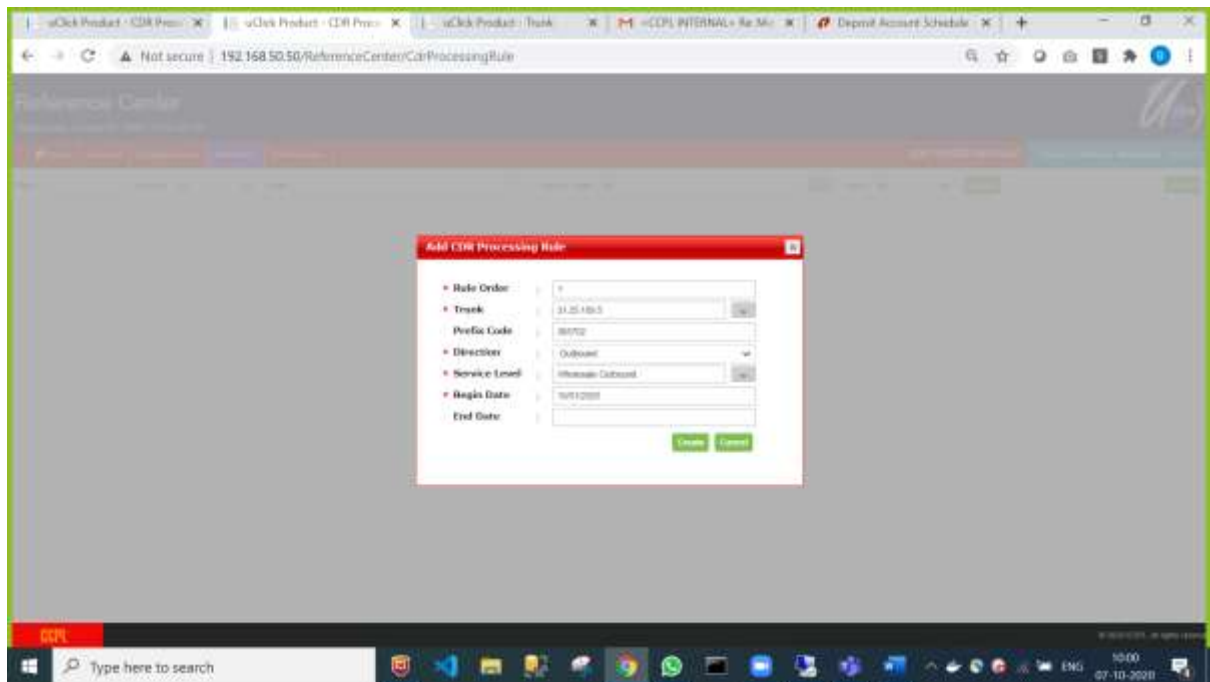
ReferenceCenter -> Network -> CDR Processing Rule -> Create

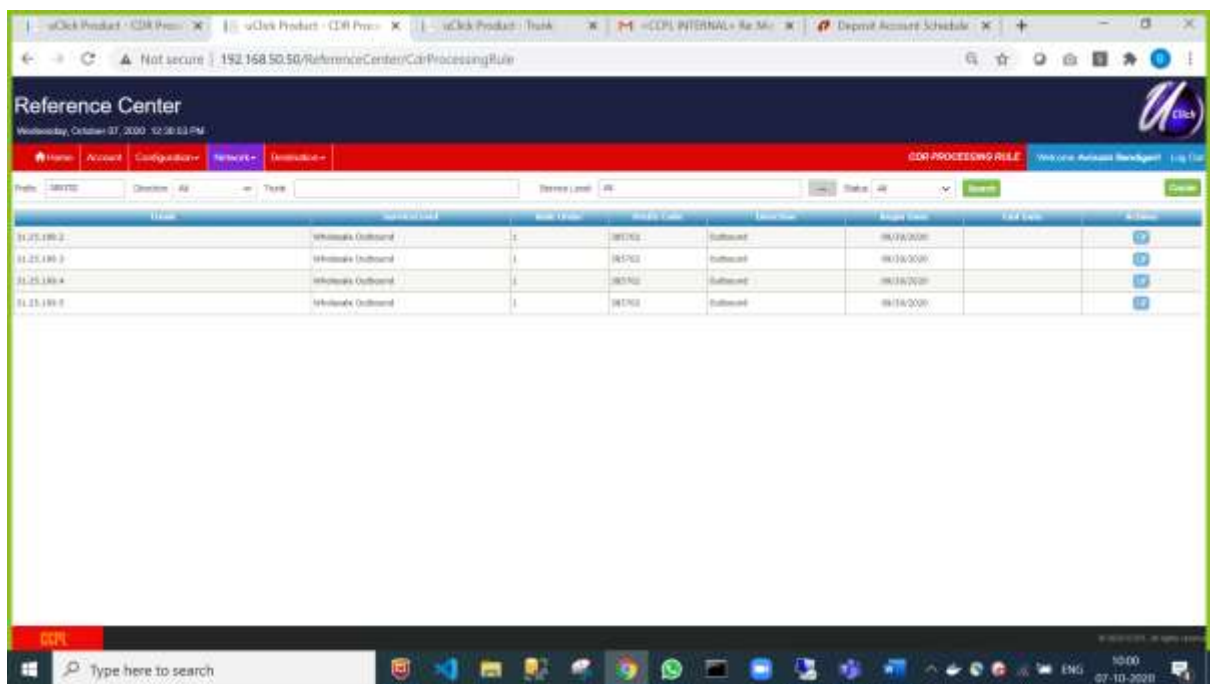
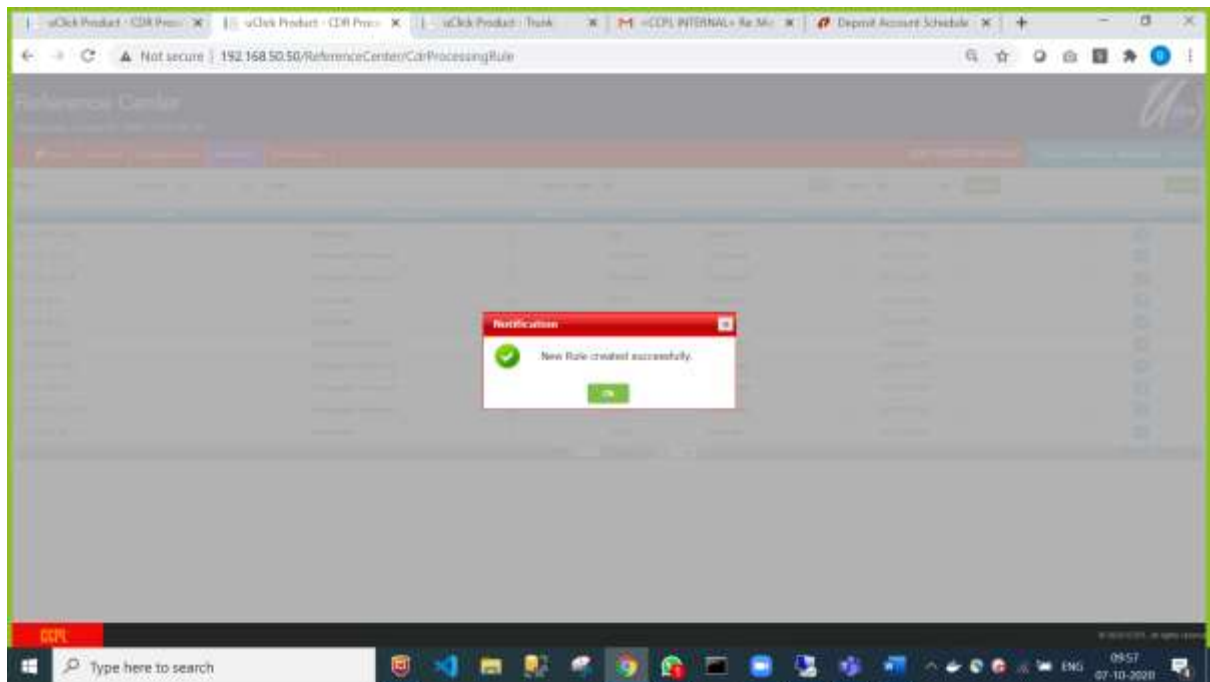
The screenshot shows a web browser window with the URL `192.168.50.50/ReferenceCenter/CDRProcessingRule`. The page title is "Reference Center". A modal dialog box titled "Add CDR Processing Rule" is open, displaying the following fields:

- Rule Order: 1
- Trunk: 31.25.188.2
- Prefix Code: 381702
- Direction: Outbound
- Service Level: International Outbound
- Begin Date: 10/1/2020
- End Date: (empty)

At the bottom of the dialog, there are three buttons: "Create", "Cancel", and "Create" (with a checkmark icon).

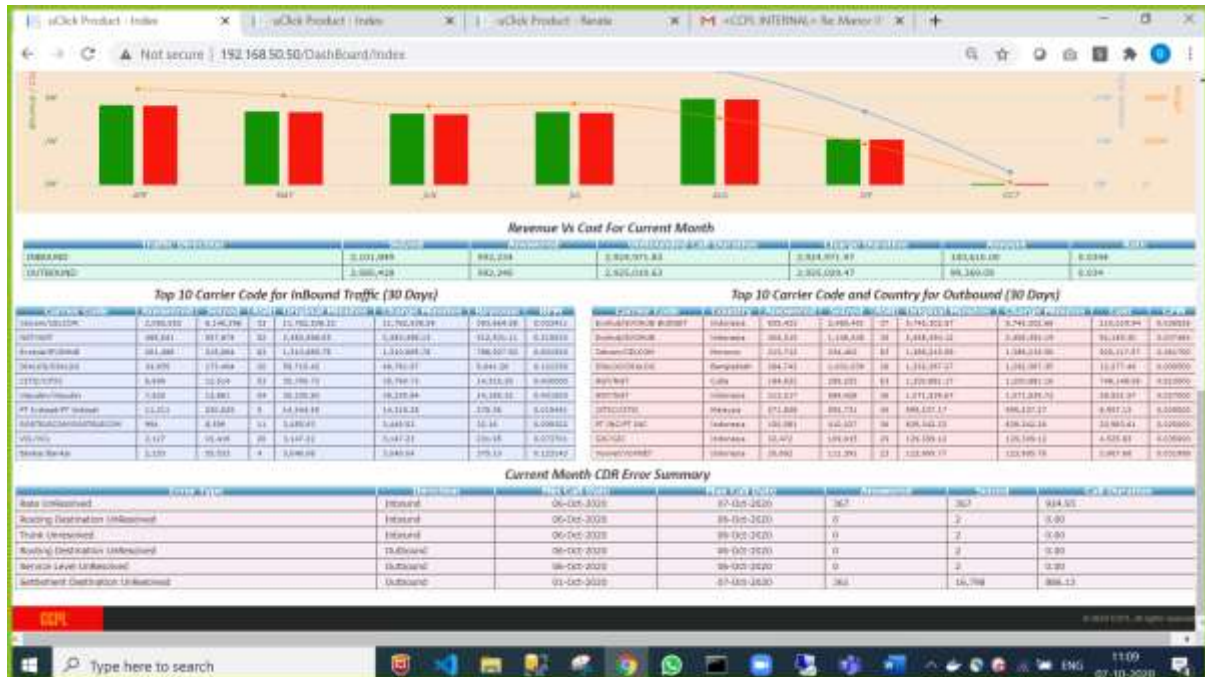
This screenshot is identical to the one above, showing the "Add CDR Processing Rule" dialog box. The fields are filled with the same values: Rule Order: 1, Trunk: 31.25.188.2, Prefix Code: 381702, Direction: Outbound, Service Level: International Outbound, Begin Date: 10/1/2020, and End Date: (empty). The buttons at the bottom are "Create", "Cancel", and "Create" (with a checkmark icon).





14. Run Re-rate

Run re-rate for only that period when the error is there, which is Oct 1, 2020 to Oct 7, 2020 in this case (Settlement destination Unresolved).



The screenshot shows the 'uClick Product - Index' dashboard with the 'Operations' section selected. The 'Re-rate' button is highlighted. Below it is a 'Re-rate' form with the following fields:

- Re-rate Name:
- Begin Date:
- End Date:
- Call Type:
- IN Account:
- OUT Account:
- IN Commercial Trunk:
- OUT Commercial Trunk:
- IN Technical Trunk:
- OUT Technical Trunk:
- Country:
- Destination:
- Service Level:
- Condition Clause:

Operations

Wednesday, October 07, 2020 01:49:36 PM

Home **CDR Force** Objects Object Instance **RECREATE** Welcome Arslan Boudjellal Log Out

Search Name: Search Status: All Start Date: End Date:

Left

Reports for Major Check Handling

Info Details CDR File

Report ID	100
Report Name	Report for Major Check Handling
Report Status	Report Pending
User	Arslan Boudjellal
Report Request Date	10/07/2020 01:49:36 PM
Report Completion Date	
Remarks	Total CDR Files qualified for reaping: 100.

Processed by Arslan Boudjellal | 07 Oct 2020 01:49 PM

80%

Type here to search

11:19 07-10-2020