

A large teal chevron graphic pointing to the right, spanning the width of the page. It is composed of two thick teal lines forming a 'V' shape.

XBOOSTER



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User Login

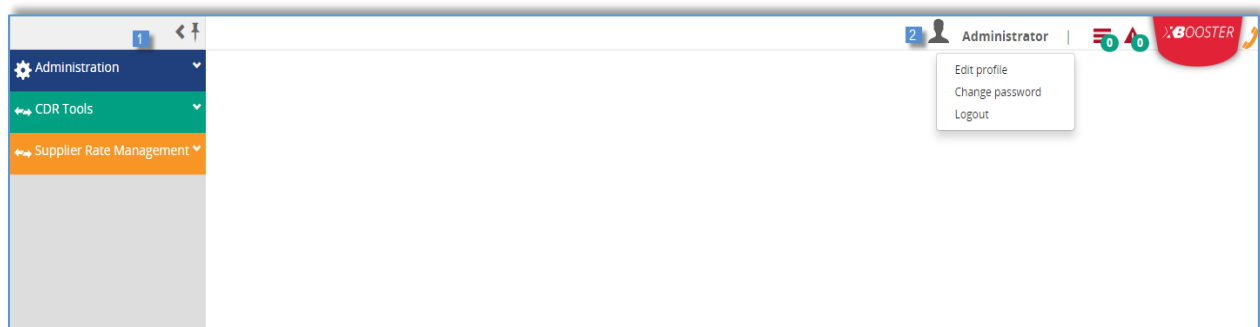
1. Enter your Email
2. Enter your password
3. Press the button to log in to X-booster



The login form is displayed within a light gray rounded rectangle. At the top, a red banner with the 'XBOOSTER' logo in white is shown. Below the banner, there are two yellow input fields. The first field is labeled with a blue square containing the number '1' and contains the email 'admin@vanrise.com'. The second field is labeled with a blue square containing the number '2' and contains a single dot. Below these fields is a red button labeled '3' and 'LOGIN'. To the right of the button is a link that says 'Forgot Password'. At the bottom of the form, the text 'Version 1/ Support +961 5 45 74 37' is displayed.

Main Menu

1. Use the menu to browse the desired module
2. Press on user to edit profile, change password or logout.



CDR Comparison

CDR Tools

CDR Comparison tool is used to compare the system CDR and partner CDR.

1. Click on CDR Comparison.
2. The part related to the CDR in the system.
3. The part related to partner CDR to compare with system CDR
4. Select the Existing configuration setting at system side (in case of previous saved configuration).
5. Select the Existing configuration setting at partner side (in case previous saved configuration).
6. Select the System CDR Source type (file).
7. Select the Partner CDR Source type (file).

The screenshot displays the 'CDR Comparison' web application interface. On the left, a sidebar menu includes 'Administration', 'CDR Tools', 'CDR Comparison' (highlighted with a blue '1'), and 'Supplier Rate Management'. The main content area is titled 'CDR Comparison' and features two side-by-side configuration panels. The 'SYSTEM CDRS' panel (labeled with a blue '2') contains an 'Existing Configuration' dropdown (labeled with a blue '4') and a 'CDR Source Type' dropdown (labeled with a blue '6'). The 'PARTNER CDRS' panel (labeled with a blue '3') contains an 'Existing Configuration' dropdown (labeled with a blue '5') and a 'CDR Source Type' dropdown (labeled with a blue '7'). Both panels have a 'Settings' tab and an 'Advanced' tab. A red 'Start' button is located at the bottom right of the configuration area. The top right of the interface shows the user 'Administrator' and a 'BOOSTER' logo.

System CDRs Side

1. Click to attach/upload the system CDR file, File types (XLS, XLSX, CSV, TXT)
2. History of the uploaded files, click to select one of the already uploaded System CDR files.
Note: only the CDR files uploaded by the logged in user will appear in the history.
3. Select the type of the attached file:
 - Excel.
 - Delimited file. Delimiter type should be set ("," ";" "TAB" etc.)
4. Click on Read Sample to view the uploaded file content in the page.
5. Select the mapping fields (Time, Duration, CGPN, and CDPN).
6. First Row Header if the file contains headers for the columns.
7. Date Time format of the time column in file uploaded.

Administration

CDR Tools

CDR Comparison

Supplier Rate Management

CDR Comparison

Select Existing Configu...

Settings

Advanced

CDR Source Type

File

File

1 system.xlsx Complete 2

File Type

Excel File 3

Read Sample 4

FIELD MAPPING 5

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4
Time	Duration	CGPN	CDPN
Attempt	DurationInSecon...	CGPN	CDPN
01/01/2012 00:0...	50.47	971505210447	919255676
01/01/2012 00:0...	60.02	962787043076	913507359
01/01/2012 00:0...	9.80	971505210887	919255676

First Row Header

6

Date Time Format

yyyy-MM-dd HH:mm:ss. 7 ?

Mon 16 May , 2016 02:47:46

8. Advanced setting (Normalization Rules for modification CDPN and CGPN).
9. a) Add prefix: add prefix to CDPN/CGPN to Match CDPN/CGPN at System/Partner
b) Replace string: Replace a certain Value in CDPN/CGPN (i.e. Code group)
c) Substring: modify CGPN/CDPN but taking a Part of It
10. Add Prefix,
11. Replace String: Value to be replaced
12. Set the value to replace by.
13. Ignore case: ignoring case sensitivity (Capital/Small letter).
14. Substring: start index of the substring.
15. The Length of the substring.
16. Set the duration time unit either second or minute.

Settings **Advanced** 8

CDPN NORMALIZATION

Action Type
Select Action Type... 9 +

- Add Prefix
- Replace String
- Substring

CGPN

Action Type
Select Action Type... +

FILTER TYPE			
Add Prefix	10		✕
Replace String	11	Text To Replace	✕
		Replace By	✕
		Ignore Case	✕
Substring	14	Start Index	✕
		Length	✕

Duration Time Unit 16
Seconds

Partner CDRs Side




1. Attach the Partner CDR file.
2. History of the uploaded files, click to select one of the already uploaded Partner CDR.
Note: only the CDR files uploaded by the logged in user will appear in the history.
3. Select the type of the attached file: a) Excel. b) Delimited file.
4. Tab delimited in case the delimiter type is tab.
5. Click on Read Sample in order to view the uploaded file.
6. Select the mapping fields (Time, Duration, CGPN, and CDPN).
7. First Row Header if the file contains headers for the columns.
8. Date time format.
9. For Advanced Setting, same as System CDR advanced Settings.

Settings **Advanced** **9**

CDR Source Type

File


File

partner.txt Complete   **1**  **2**





File Type

Delimited File **3**

Tab Delimited

☒ **4**  **5**


FIELD MAPPING **6**

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4
Time 	Duration 	CGPN 	CDPN 
AttemptDateTime	DurationInSeconds...	CGPN	CDPN
01/01/2012 01:0...	60.00	971505210447	218919255676
01/01/2012 01:0...	12.80	962787043076	218913507359
01/01/2012 01:1...	100.00	971505210887	218919255676

First Row Header

☒ **7**

Date Time Format

yyyy-MM-dd HH:mm:ss. **8** 

CDR Comparison Process

After uploading the CDR files from both sides and setting the configuration, the CDR comparison process will be ready to start comparing both files:

1. Click on Start button to begin the comparison process.
2. The logger of Comparison process, you can filter the levels (Warning, Error, and Information).
3. Click on tasks to see the completed and new tasks.

Business Process Progress: CDR Comparison

Process Title: CDR Comparison

Created On: 2016-05-16 04:16:04 Updated On: 2016-05-16 04:16:05 Status: Running

Live Progress Tasks 3

Severity: Error, Warning, Inform..

ID	MESSAGE	SEVERITY	EVENT TIME
2924	Finished Loading CDRs from Partner Source	Information	2016-05-16 16:16...
2923	5 CDRs loaded from Partner Source	Information	2016-05-16 16:16...
2922	Started Loading CDRs from Partner Source...	Information	2016-05-16 16:16...
2921	Finished Loading CDRs from System Source	Information	2016-05-16 16:16...
2920	3 CDRs loaded from System Source	Information	2016-05-16 16:16...
2919	Started Loading CDRs from System Source...	Information	2016-05-16 16:16...
2918	Status changed to 'Running'	Information	2016-05-16 16:16...
2917	Process Created: CDR Comparison	Information	2016-05-16 16:16...

01/01/2012 00:0... 9.80 971505210887 919255676

First Row Header ☒

Date Time Format dd/MM/yyyy HH:mm:ss

01/01/2012 01:1... 100.00 971505210887 218919255676

01/01/2012 01:1... 120.10 971505250477 218919925786

01/01/2012 00:1... 115.47 971567250237 218918935276

First Row Header ☒

Date Time Format dd/MM/yyyy HH:mm:ss

16 04:20:59 1 Start ▶

4. Set the value for duration Margin
5. Select the duration margin unit.
6. Set the value for Time Margin.
7. Select the Time Margin unit.
8. Select the time offset.
9. Select the time offset by selecting the matched cdpn.
 - a. Select the CDPN from system to get its match from partner.
 - b. Select from partner the matched CDR with the selected System CDR.
 - c. Click on Ok button to compare based on the two time offsets CDR.
 - d. Close button.

10. Check CGPN Checkbox in order to take into consideration CGPN value in comparison process.
11. Click on Continue button.

Business Process Progress: CDR Comparison

Process Title: CDR Comparison

Created On: 2016-05-16 04:33:47

Live Progress Tasks

ID TITLE

418 CDR Comparison Sett

Read Sample

FIELD MAPPING

COLUMN 1	COLUMN 2
Time	Duration
Attempt	Durationin
01/01/2012 00:0...	50.47

Duration Margin: 0 Milliseconds

Time Margin: 0 Milliseconds

Time Offset: 00:00:00

COMPARISON FIELDS

CGPN

Continue

Time Offset Selection

SOURCE CDRS

Select CDR to get its match.

CDPN	CGPN	TIME	DURATION (SEC)
218913507359	962787043076	2012-01-01 00:00:13	60.02
218919255676	971505210887	2012-01-01 00:00:05	9.80
218919255676	971505210447	2012-01-01 00:00:05	50.47

PARTNER CDRS

Select Match CDR.

SELECTED	CDPN	CGPN	TIME	DURATION (SEC)
218913507359	962787043076	2012-01-01 01:00:00	12.80	

Ok Close

12. The CDR Comparison Result Summary.
13. The partner CDRs missed from partner appeared under Missing CDRs from System.
14. The system CDRs missed from system appeared under Missing CDRs from partner.
15. The partner CDRs that have different duration than system duration but have the same cdpn and cgpn values.
16. The Equal CDRs (same CDPN, CGPN, Duration, Duration + Margin) appeared under Matching CDR.
17. Click on Continue Button.

CDR Comparison Result

Summary

Missing CDRs from System

Missing CDRs from Partner

Partially Matching CDRs

Matching CDRs

Total System CDRs: 3

Missing CDRs from System: 5

Partially Matching CDRs: 0

Total Partner CDRs: 5

Missing CDRs from Partner: 3

Matching CDRs: 0

Continue

All Grids can be exported to Excel.

18. Option to save the system Configuration.
19. Set the Configuration Name for the source.
20. Option to save the partner Configuration.
21. Set the Configuration name for the partner.
22. Click on Continue.

CDR Comparison Configuration

SYSTEM CDR SOURCE CONFIGURATION

✓ Select to Save System Configuration

Configuration Name

System_Config

PARTNER CDR SOURCE CONFIGURATION

✓ Select to Save Partner Configuration

Configuration Name

Partner_Config

Continue

23. Task will be completed after clicking on continue button and the Process is ended.

Business Process Progress: CDR Comparison

Process Title: CDR Comparison

Created On: 2016-05-16 05:20:23

Updated On: 2016-05-16 05:23:01

Status

Completed23

Live Progress

Tasks

ID	TITLE	ASSIGNED TO	STATUS23	CREATED ON	LAST STATUS UPDATE	DECISION	NOTES
425	CDR Comparison Configura...	Administrator	Completed	2016-05-16 17:20:39	2016-05-16 17:23:01		
424	CDR Comparison Result	Administrator	Completed	2016-05-16 17:20:32	2016-05-16 17:20:39		
423	CDR Comparison Settings	Administrator	Completed	2016-05-16 17:20:25	2016-05-16 17:20:29		

Supplier Rate Management

Supplier Rate Management

Allows the conversion from various Rate Sheets formats to a unified output Format that can be used as an input for certain switches.

1. Input Template Conversion page: User is able import the various types and formats of supplier rate sheets and save the conversion configuration as an input templates
2. Output Template: User can configure the output template (Sheet format and Data records)



Input Template Conversion

Input Template Conversion able to import the supplier rate sheet and converted to desired Output.

1. Input Excel allowing the user to upload the input sheet to be converted.
2. Excel Viewer allowing the user to preview the input sheet that uploaded.
3. Input Pricelist Mapping used to map the fields of the pricelist.

The screenshot displays the 'Input Template Conversion' application interface. On the left is a navigation menu with options like 'Administration', 'CDR Tools', and 'Supplier Rate Management'. The main area is divided into three panels:

- Input Excel:** Shows a file upload area with a 'sheet1.xls Complete' status and a green '1' icon.
- EXCEL VIEWER:** Displays a preview of the uploaded Excel sheet. It has tabs for 'Sheet1', 'Sheet2', and 'Sheet3'. The 'Sheet1' tab is active, showing a table with columns A through D. The data includes 'zone', 'name', 'code', 'rate', and 'date'. The 'zone' column contains 'Lebanon' and the 'name' column contains 'Mobile MTC' and 'Mobile Alfa'. A green '2' icon is present.
- INPUT PRICE LIST MAPPING:** This panel is used for configuring the mapping of the input pricelist data. It includes a 'Pricelist Template' dropdown, 'Codes' and 'Rates' tabs, and fields for 'First Row' (Row1) and 'Last Row'. There are also 'FIELD NAME' and 'FIELD MAPPING' sections with dropdowns for 'Cell Value' and 'Row1, Col2'. A green '3' icon is present.

4. Pricelist Template containing all configuration previously saved by the logged in user.
5. Code mapping configuration.
6. First Row allow to define the index from where to start reading code.
7. Last Row allow to define the index from where to end reading code.
8. Code field define the mapping between the input pricelist data and the standard fields.
9. Cell Value is the start index (row) of reading the data by specifying the index of the cell(s) from where to read.
10. Code Group field mapping.
11. Zone field for code mapped.
12. Concatenated text is the way of reading the data using different field types.
13. Field Types can be constant or cell value.
14. Code Effective date field mapping.
15. Date Time format of the time column in file uploaded
16. Time Format Builder (custom, more templates samples).
17. Code Layout specify the format of listing the codes in the input sheet (Row for each Code, Delimited code).
18. Delimiter between codes.
19. Has Code Range specify if code represent a range.
20. Range Separator cannot be the same as entered delimiter
21. Comma Decimal Separator allow to specify that comma will be used as separator for rate field.

INPUT PRICE LIST MAPPING

PriceList Template

Select PriceList Template...

Codes Rates

First Row

Row1

Last Row

Select row from excel and click here.

FIELD NAME	FIELD MAPPING
Code	Cell Value Row1;Col2
Code Group	Cell Value Select cell from excel and click here.
Zone	Concatenate Text Field Type Select ... Cell Value Row1;Col0 Constant - Cell Value Row1;Col1
Effective Date	Cell Value Row1;Col4

Date Time Format

yyyy-MM-dd

Code Layout

Delimited code

Has Code Range



Comma Decimal Separator



Delimiter

,

Range Separator

-

- 22. Rate mapping configuration.
- 23. First Row allow to define the index from where to start reading rate.
- 24. Last Row allow to define the index from where to end reading rate.
- 25. Rate field define the mapping between the input pricelist data and the standard fields.
- 26. Zone field for rate mapped.
- 27. Rate Effective date field mapping.
- 28. Save the configuration specified for later use.
- 29. Convert the imported input sheet to the desired switch output format using the defined mapping.

The screenshot displays the 'Rates' configuration window. At the top, the 'Codes' tab is active, and the 'Rates' section is highlighted with a blue bar and a red callout box labeled '22'. Below this, the 'First Row' is set to 'Row1' (callout 23) and the 'Last Row' is set to 'Row1' (callout 24). A button with a plus icon and the text 'Select row from excel and click here.' is located between these two fields. The main area is a table with two columns: 'FIELD NAME' and 'FIELD MAPPING'. The table contains three rows: 'Rate' (callout 25) mapped to 'Cell Value' with 'Row1;Col3'; 'Zone' (callout 26) mapped to 'Concatenate Text' with 'Row1;Col0' and 'Row1;Col1'; and 'Effective Date' (callout 27) mapped to 'Cell Value' with 'Row1;Col4'. Below the table, there are sections for 'Date Time Format' (set to 'yyyy-MM-dd'), 'Code Layout' (set to 'Code on Each Row'), and 'Comma Decimal Separator' (a toggle switch). At the bottom, there are two buttons: 'Save' (callout 28) and 'Convert' (callout 29).

FIELD NAME	FIELD MAPPING
Rate	Cell Value Row1;Col3
Zone	Concatenate Text Row1;Col0 Row1;Col1
Effective Date	Cell Value Row1;Col4

Date Time Format: yyyy-MM-dd

Code Layout: Code on Each Row

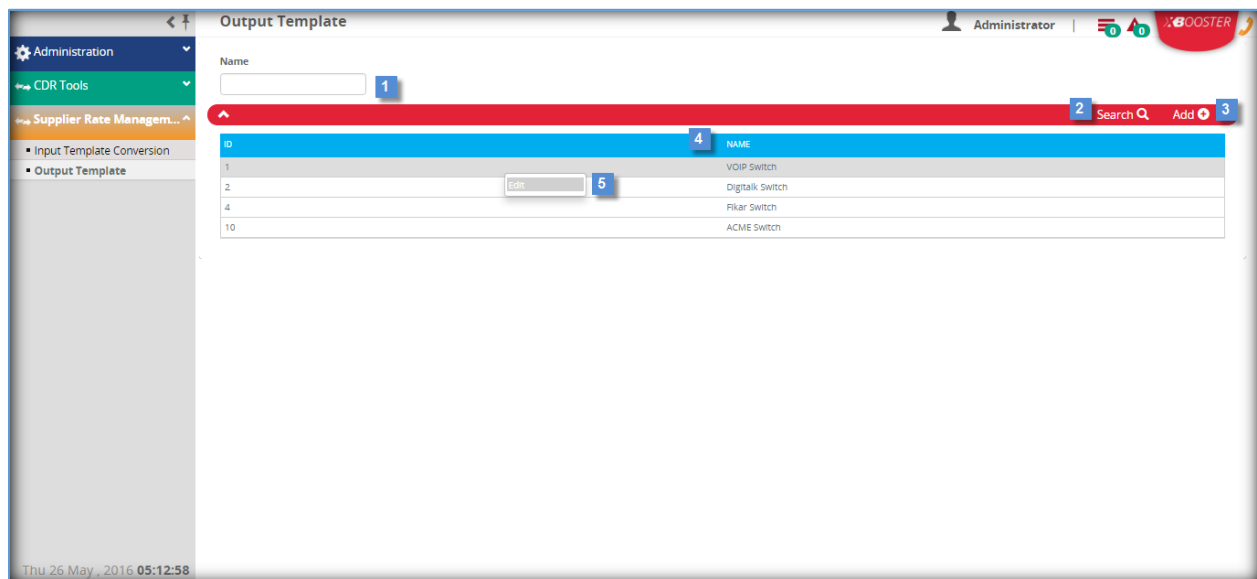
Comma Decimal Separator: ☐

Save Convert

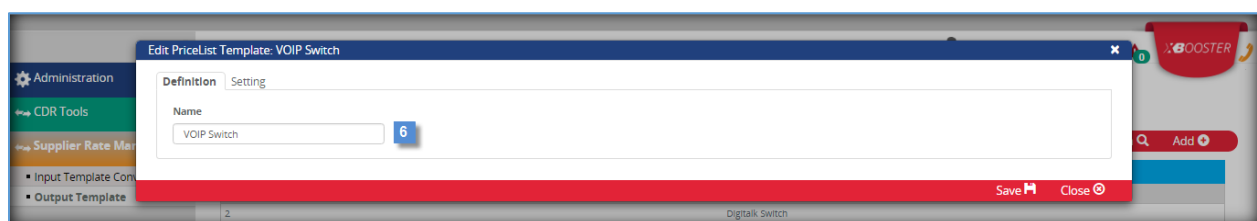
Output Template

Output template is used to saved desired output templates.

1. Name of output template to be filtered.
2. Search for template name that defined.
3. Add new Output template.
4. Load all Output templated saved by the logged in user.
5. Edit exiting template Configuration.



6. Name of editable/ new Output Template.



7. Excel Template allowing the user to upload the desired output sheet.
8. Excel viewer to preview the content of the selected Excel template
9. First Row define the index that will be used as first row to start inserting data when converting the input pricelist.
10. Add new excel field mapping.
11. Excel field mapping.
12. Field Types (Pricelist Field, Constant)
13. Field name.

14. Repeat other column's values allow to repeat the first row for un-mapped cells in output template to all rows.
15. Date Time format specify the Date Format in the output sheet.
16. Time Format Builder (custom, more templates samples).
17. Save or create new output template configuration.
18. Close Add/Edit template configuration without saving

Edit PriceList Template: VOIP Switch

Definition **Setting**

Excel Template

Book 1.xlsx Complete 7

EXCEL VIEWER 8

Sheet1

	A	B	C	D
1	Zone	Code	Rate	Date
2	1	1	1	1
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				

PRICELIST MAPPING

First Row 9

Row1 ×

+ 10

EXCEL FIELD	FIELD TYPE
Row1;Col0 × 11	Pricelis... 12 Zone 13 ×
Row1;Col1 ×	Pricelis... Code ×
Row1;Col2 ×	Pricelis... Rate ×
Row1;Col3 ×	Pricelis... Effectiv... ×
Row1;Col4 ×	Consta... New zone/ r ×

Repeat other column's values 14

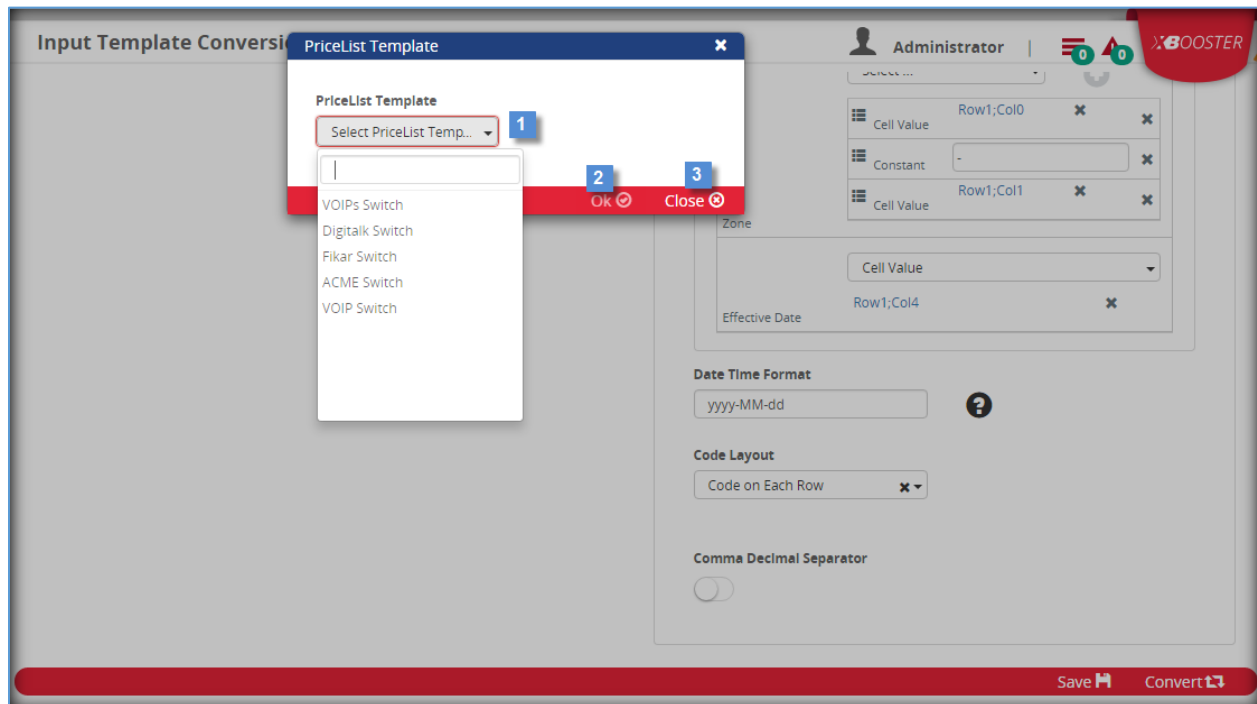
Date Time Format 15 dd/MM/yyyy ? 16

17 Save 18 Close

Supplier Rate Management Conversion Process

After uploading the supplier pricelist files from input side and setting the configuration, the conversion process will be ready to start convert the supplier pricelist sheet to desired output switch format:

1. Pricelist Template containing all defined output templates for the logged in user allowing him to specify several templates to be used for the conversion
2. System converts the input mapped pricelist to the specified output template and downloads the converted file as excel sheet.
3. Close without conversion.





XB *Thank You*