

iPECS

Offline Web Admin

User Guide

Please read this manual carefully before operating your set. Retain it for future reference.

iPECS is an Ericsson-LG Brand



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About This Guide

This section describes the purpose, audience, organization, and conventions that are used in this iPECS Unified Offline Web Admin (OWA) User Guide.

NOTE

Screens may appear different than displayed in this guide depending on the OS (Operating System) and other factors. All information in this guide is subject to change without prior notice.

Purpose

This guide introduces the iPECS Offline Web Admin service and explains how to correctly install, remove and operate the Offline Web Admin Program.

Audience

This guide assumes that the reader is familiar with iPECS Unified System and terminology.

Document Organization

This guide consists of this 'About This Guide' section, 2 Chapters, and Appendix as listed below.

- About This Guide.
- Chapter 1: Overview
- Chapter 2: Offline Web Admin Operation
- Appendix: Useful Information

Document Conventions

This section describes text formatting conventions and important notice formats used in this guide.

Text formatting

The narrative-text formatting conventions that are used are as follows:

Convention	Description
Bold text	It may indicate a button, menu item, or dialog box option you can click or select.
<i>Italic text</i>	A cross-reference or an important term.
<code>Code text</code>	A command prompt.

Important notice

The following icons and notices are used in this guide to convey important cautions and notes.



CAUTION

A caution statement alerts you to situations that may cause damage to hardware, software, or data.

NOTE

A note provides additional explanations, important information, or a reference to relate information.

Chapter 1.

Overview and Environment

This chapter is an overview and environment of the iPECS Offline Web Admin service.

1.1 General

The Database of iPECS can be configured using the Offline Web Admin service. The Offline Web Admin provides same functions as the Online Web Admin service so that the database in the system can be managed in user-friendly environment using Web Browser. In addition, Speed Dial data can be modified and imported from the excel file.

1.2 Environment

Verify the environment requirements against your web browser to view this iPECS Unified Offline Web Admin program.

1.2.1 Web Browser

Browser supporting HTML5 is recommended, such as the Internet Explorer 10+, Chrome, Firefox, Opera etc.)

1.2.2 Install Program

It is strongly recommended that the uncompressed Unified OWA file to the specific directory in the hard disk.

1.2.3 Remove Program

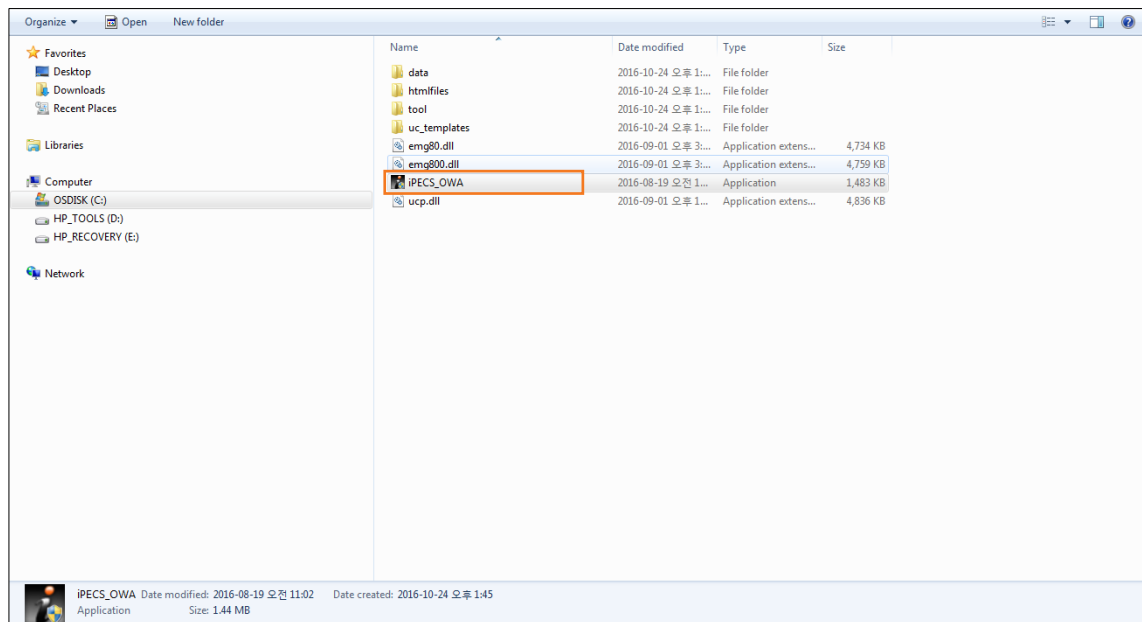
Delete uncompressed Unified OWA folder from the directory where you extracted it from the zip.

Chapter 2.

Operation


This chapter describes how to start, configure and use the Offline Web Admin Service.

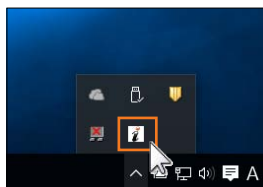
2.1 Offline Web Admin



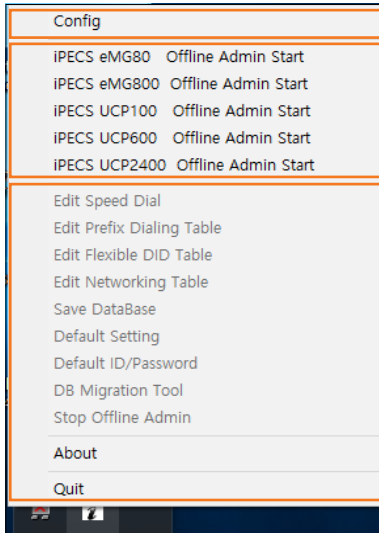
2.1.1 Start the program

In order to start Offline Web Admin program, please follow the steps below.

1. Double click  **iPECS_OWA**.
 - Offline System tray icon will be located at the right bottom of screen.
2. Click on the Offline System tray icon.



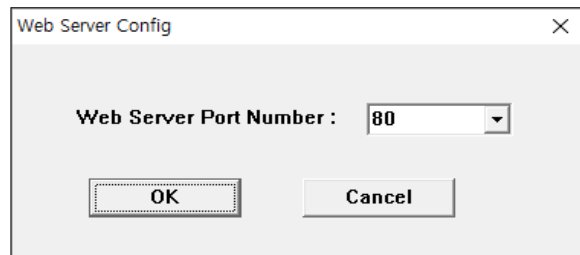
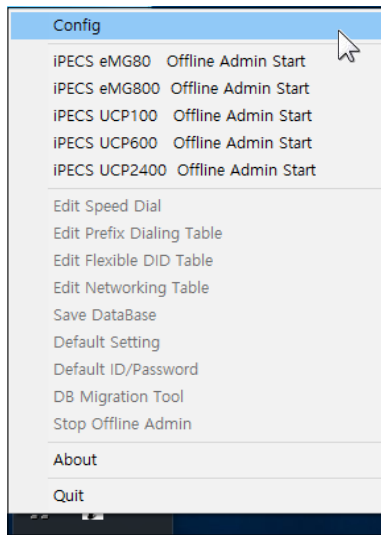
3. User can see the following Offline Web Admin Menus.



2.1.2 Configuration

The Offline Web Admin has one configuration item, which is HTTP server port number for Offline Web Admin. There are two selections. One is "80" (default value) the other is "8080".

Click "Config", then pop-up window is appeared to let you define a server port number.



NOTE

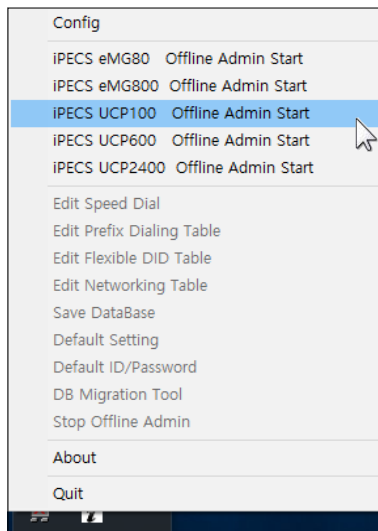
If a port number is selected once, it is saved to windows registry so that the Offline Web Admin will be started with the saved port number from next access.

2.1.3 Start Offline Web Admin Service

The program includes five different systems such as “iPECS eMG80”, “iPECS eMG800”, “iPECS UCP100”, “iPECS UCP600” and “iPECS UCP2400”.

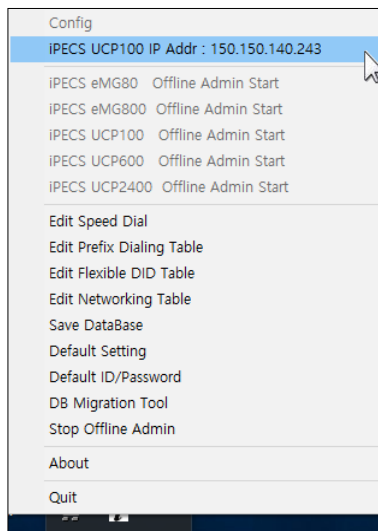
If the Offline Admin is started successfully and a user clicks the Offline Web Admin tray icon, the following menu will be displayed.

1. Select the system you want to use from the iPECS System list.



- **iPECS eMG80:** click “iPECS eMG80 Offline Admin Start”
- **iPECS eMG800:** click “iPECS eMG800 Offline Admin Start”
- **iPECS UCP100:** click “iPECS UCP100 Offline Admin Start”
- **iPECS UCP600:** click “iPECS UCP600 Offline Admin Start”
- **iPECS UCP2400:** click “iPECS UCP2400 Offline Admin Start”

2. Click the selected system to start the Offline Web Admin.

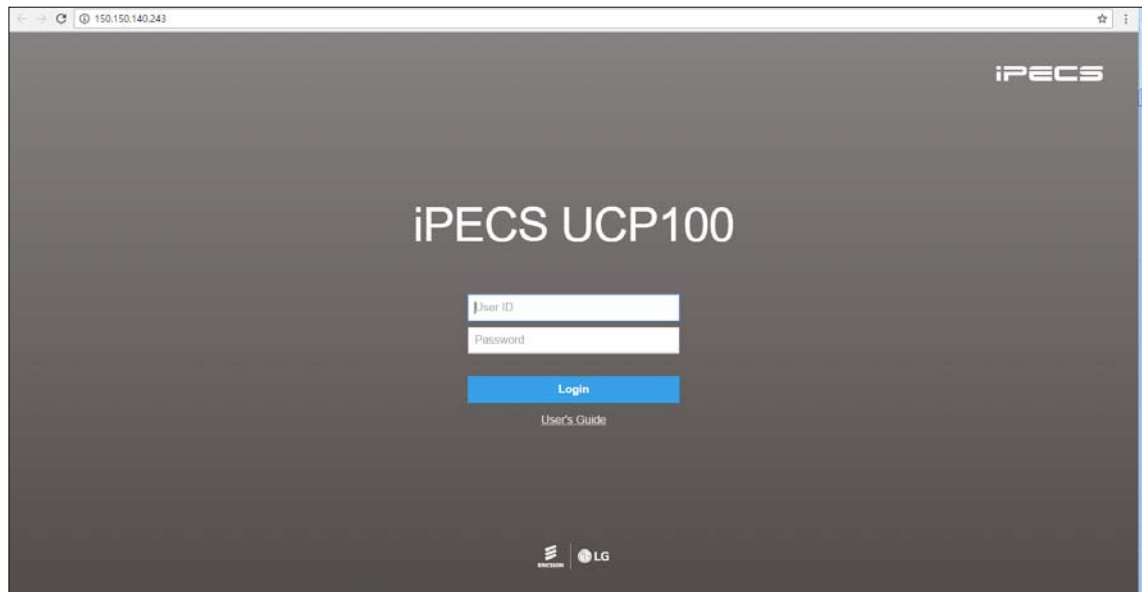


- In the above example picture, “iPECS UCP100 IP Addr: 150.150.140.243” means that the iPECS UCP100 Offline Web Admin started with User PC’s IP address.

NOTE

This “150.150.140.243” IP address will be changed to an IP address of your PC where the application is running.

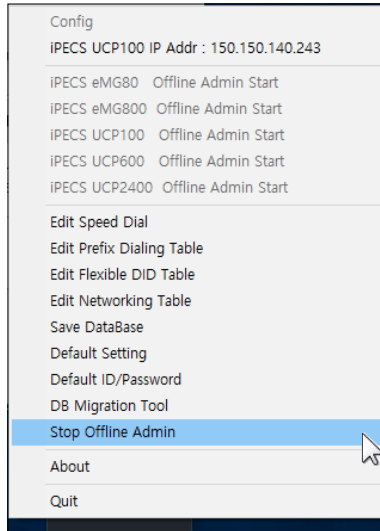
3. The following default web browser will be displayed.



2.1.4 Stop Offline Web Admin Service

There are two methods to stop the Offline Web Admin. One is to click “Stop Offline Admin” for just stopping the Offline Web Admin service, after a while, user can restart the Offline Web Service again. The other is to click “Quit” for leaving the Offline Web Admin Program.

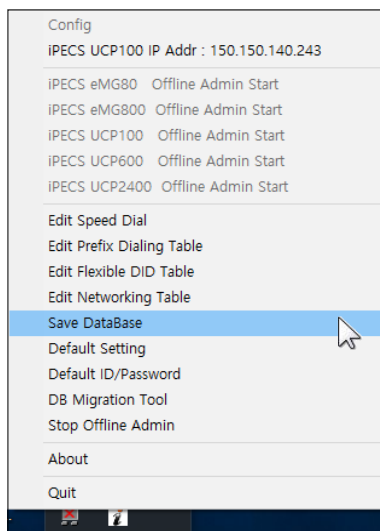
If a user clicks “Stop Offline Admin,” user can start offline server again.



2.1.5 Save DataBase

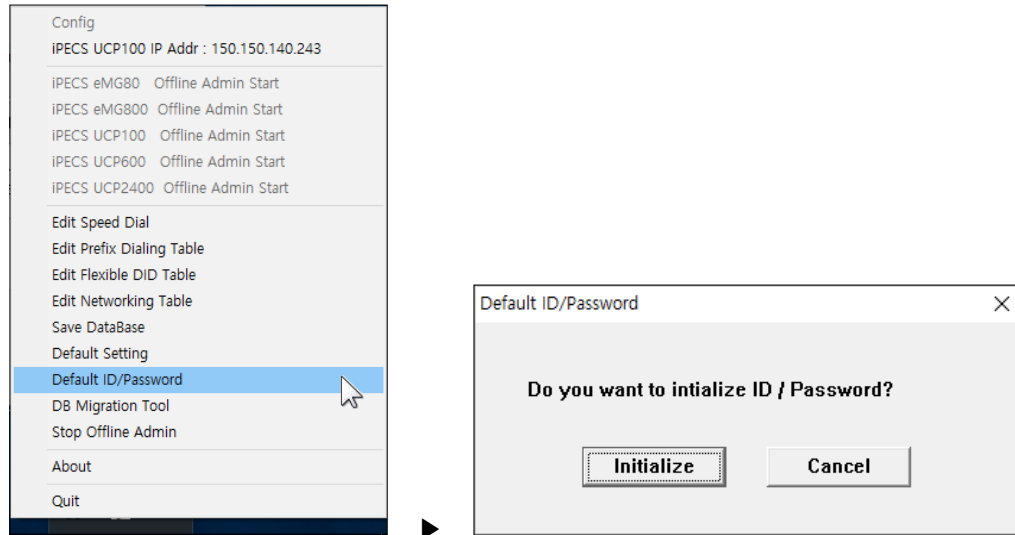
If a user doesn't save working database to offline system by click "Save Database" menu, current working data would be disappeared when offline system is stop or quit. So if a user wants to reserve current working DB for next modification, click "Save DataBase" menu in offline system. If a user wants to delete saved DB data, click “Default Setting” menu in offline system.

This operation has effect after a user click “**Stop Offline Admin**” → “**eMGxx/UCPxxxx Offline Admin Start**” menu, after then a user can see initialized DB.



2.1.6 Initialize ID/Password

In iPECS Web Administration, there are three different user levels (user level, admin level, and maintenance level) and ID/passwords of each level can be assigned. If a user wants to initialize ID/passwords of all levels, click "Default ID/Password", then pop-up window is appeared to let you initialize a Default ID/Password.



2.1.7 Offline Web Admin Data Modification

DB upload: use File Upload web page

DB download: use DB download web page

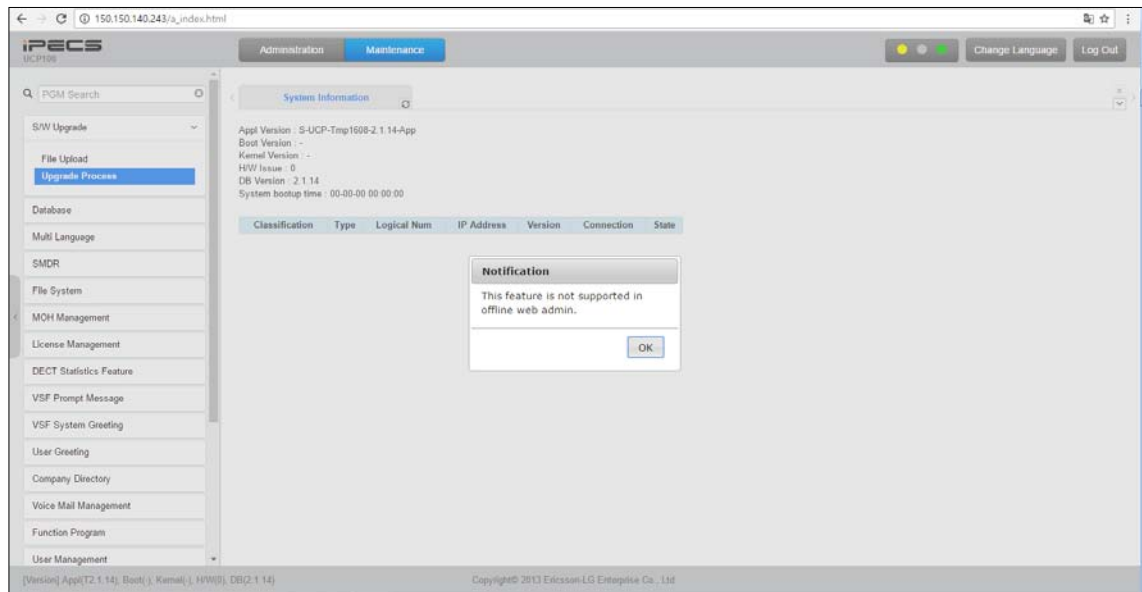
It is recommended that a user upload a same version of DB file with Offline Web Admin.

Unless some newly added admin fields are displayed and saved with uncorrect value because of difference of DB version between Offline Program and uploaded DB file. If a user wants to view and save normally, click **“Save Database”** → **“Stop Offline Admin”** → **“Offline Admin Start”** menu after DB upload. After this operation, a user can see and save correct values to newly added admin fields. This operation has same effect that system reset after DB upload. But please remember. If you click **“Save Database”** menu, at that time DB preserved until you click **“Default setting”** even though you quit Offline Program.

All admin features and the contents of web pages in the Offline Web Admin are same as Online Web admin except for some features.

In Offline web admin, a user cannot upgrade System or Appliances even if a user upload upgrade rom image to the Offline web admin.

If a user clicks improper web pages, the following page will be displayed.



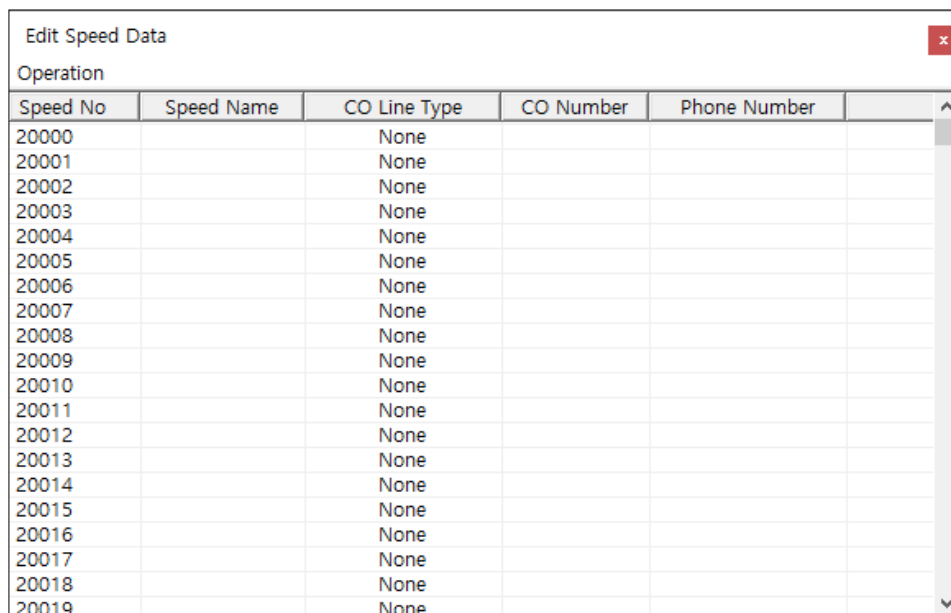
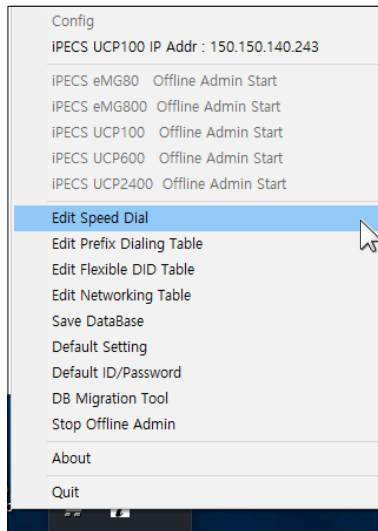
NOTE

If a user changes “Nation code” in System ID (PGM 100), all DB will be initialized.

If a user initializes “Station Data” in Initialization (PGM450), Flex buttons data (PGM115) will be initialized when a phone is register to the online system.

2.2 Edit System Speed Dial

The Offline Web Admin supports to edit Speed Dial data, read from and save to the excel file.



The screenshot shows a window titled 'Edit Speed Data' with a close button in the top right corner. Below the title is the word 'Operation'. The main content is a table with the following columns: 'Speed No', 'Speed Name', 'CO Line Type', 'CO Number', and 'Phone Number'. The table contains 20 rows of data, with 'Speed No' ranging from 20000 to 20019 and 'CO Line Type' set to 'None' for all entries. The 'Speed Name', 'CO Number', and 'Phone Number' columns are currently empty.

Speed No	Speed Name	CO Line Type	CO Number	Phone Number
20000		None		
20001		None		
20002		None		
20003		None		
20004		None		
20005		None		
20006		None		
20007		None		
20008		None		
20009		None		
20010		None		
20011		None		
20012		None		
20013		None		
20014		None		
20015		None		
20016		None		
20017		None		
20018		None		
20019		None		

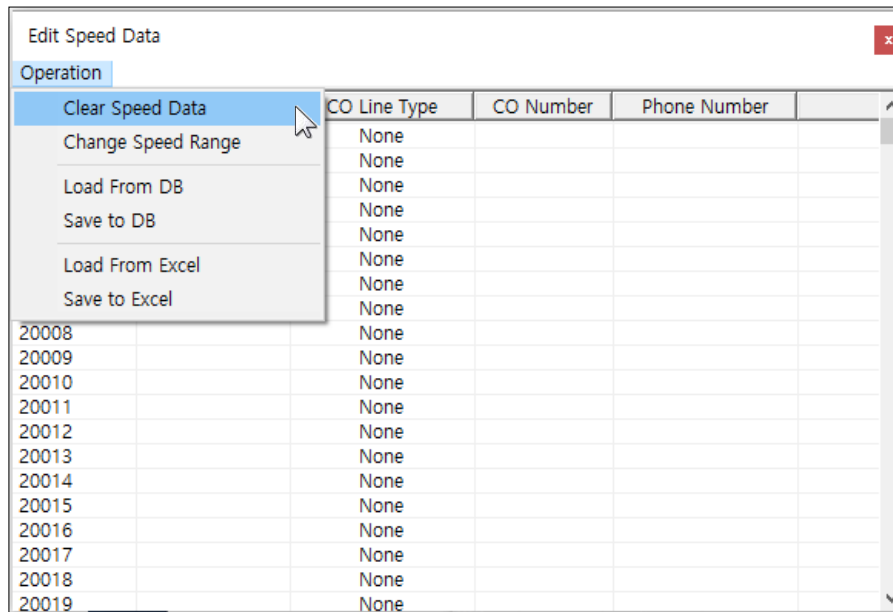
To enter or change values, click each cell to modify. [Tab] and [Enter] key can be used to move to the next cell. There are six operations provided by the Speed Editor.

If a user want to apply Speed Data in a sheet which is loaded from excel or changed in the 'Edit Speed Data' window to working offline system, a user have to click "Save To DB" menu(see below section 2.2.4), then changed data would be reflected to the working offline system.

On the other hand, if a user want to read Speed Data from working offline system, a user have to click "Load From DB" menu(see below section 2.2.3), then Speed Data in a sheet would be changed to the Speed Data of working offline system.

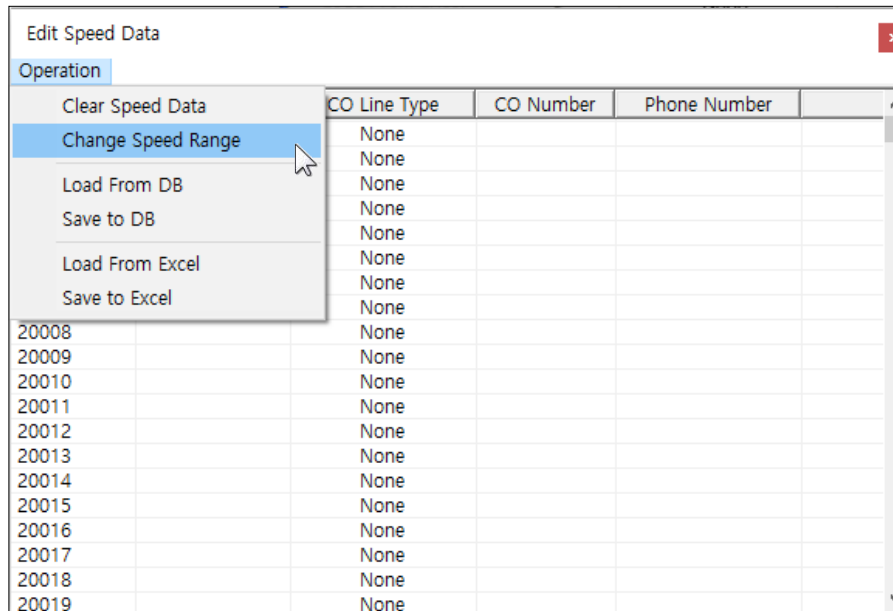
2.2.1 Clear Speed Data

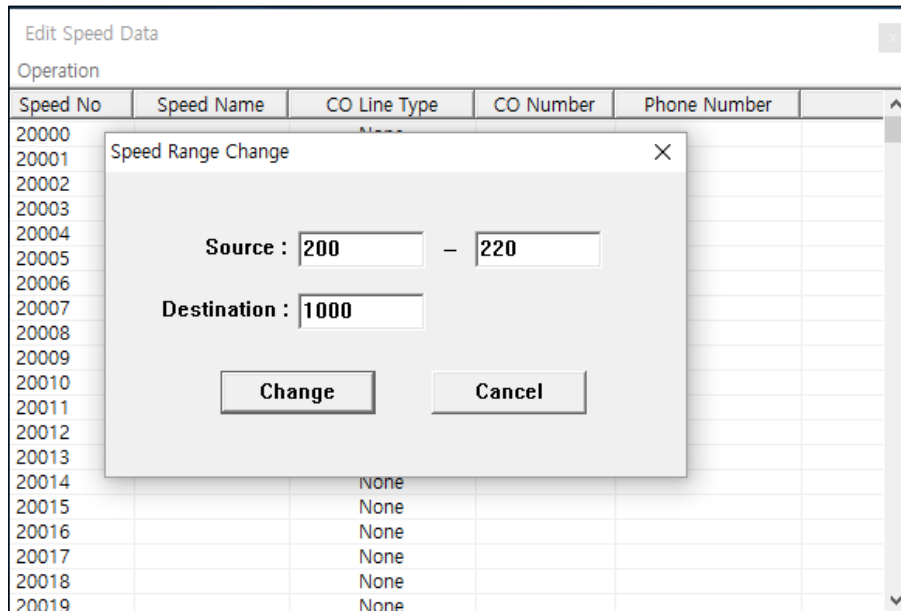
Clear all Speed Data in a sheet.



2.2.2 Change Speed Range

Allow to change the Clear all Speed Data in a sheet.





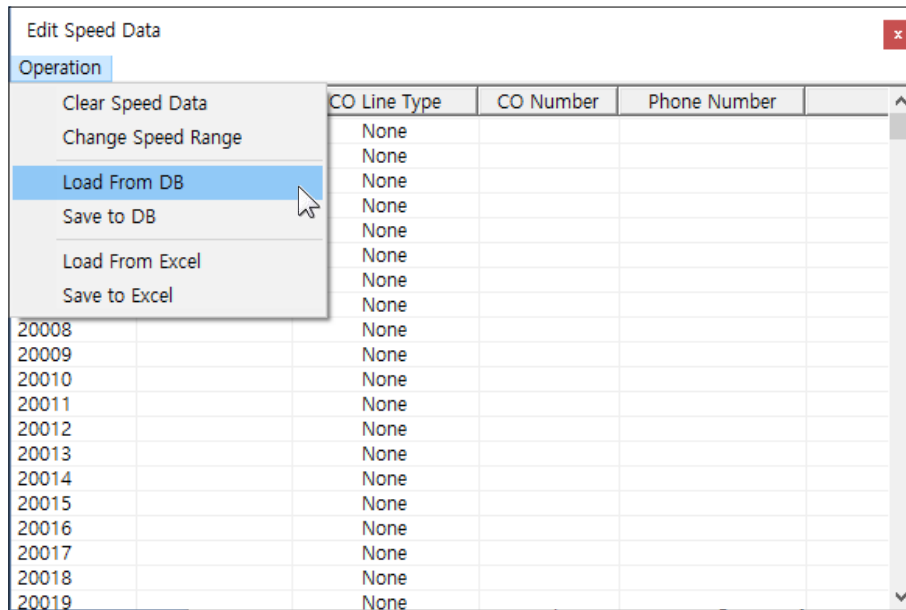
- **Source:** speed start and end number in Speed No of sheet.
- **Destination:** destination start number.

This feature is used for converting speed data from a system to the other system. Ex) current Speed No range is 200 – 299.

- **Source :** 200 - 220
- **Destination :** 1000
- **Result:** 1000 -1020 (changed speed num), 221-299 (not changed num)

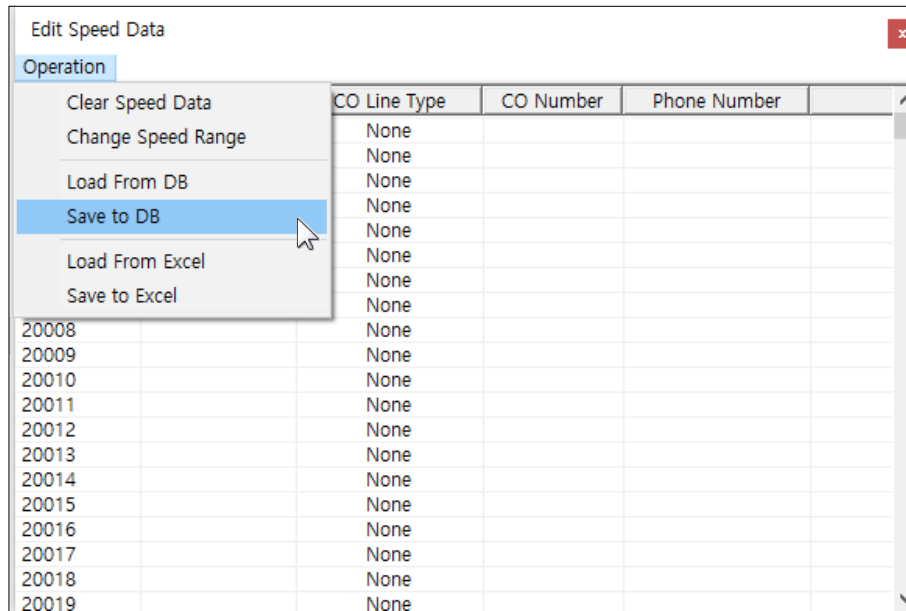
2.2.3 Load From DB

Delete all Speed data and read speed data from working offline system.



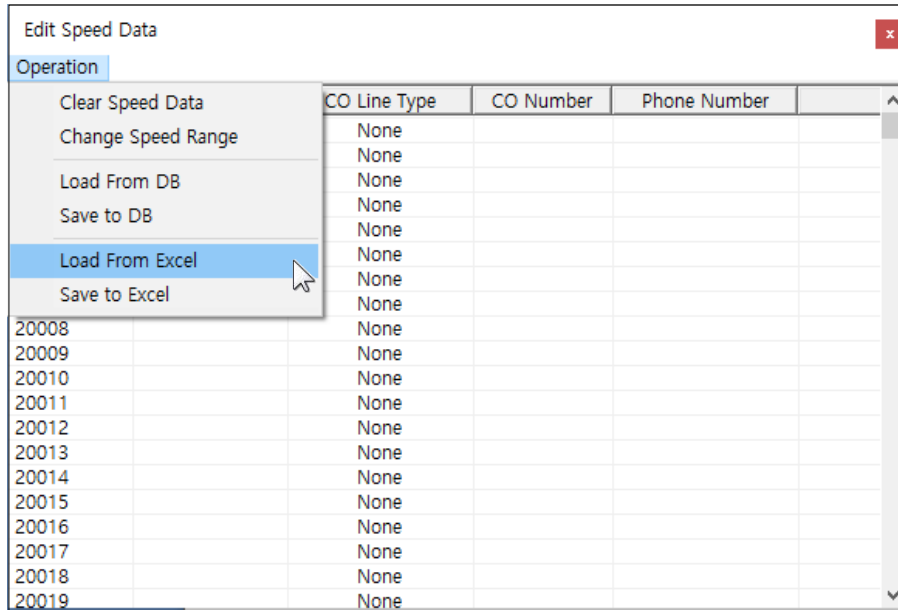
2.2.4 Save to DB

Save Current Speed data to working offline system.



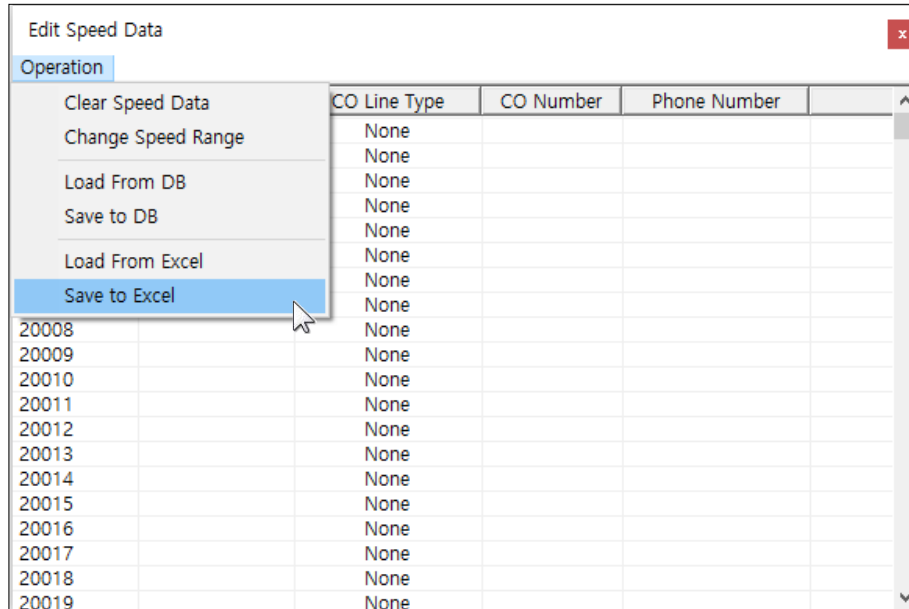
2.2.5 Load From Excel

Read speed data from excel file.



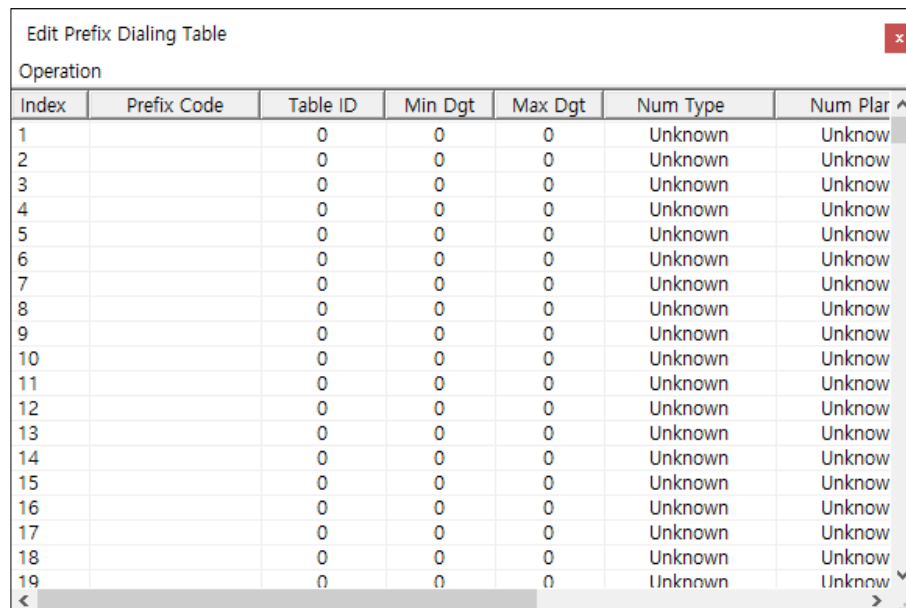
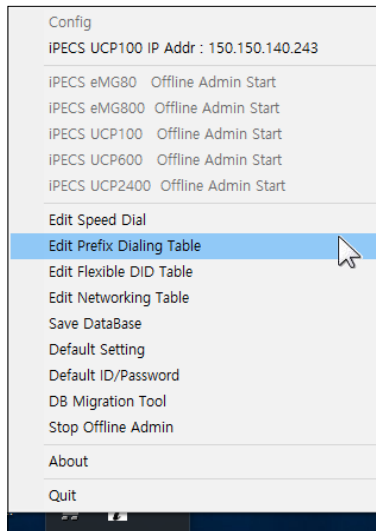
2.2.6 Save to Excel

Save speed data to excel file.



2.3 Edit Prefix Dialing Table

The Offline Web Admin supports to edit Prefix Dialing Table, read from and save to the excel file.



Index	Prefix Code	Table ID	Min Dgt	Max Dgt	Num Type	Num Plar
1		0	0	0	Unknown	Unknow
2		0	0	0	Unknown	Unknow
3		0	0	0	Unknown	Unknow
4		0	0	0	Unknown	Unknow
5		0	0	0	Unknown	Unknow
6		0	0	0	Unknown	Unknow
7		0	0	0	Unknown	Unknow
8		0	0	0	Unknown	Unknow
9		0	0	0	Unknown	Unknow
10		0	0	0	Unknown	Unknow
11		0	0	0	Unknown	Unknow
12		0	0	0	Unknown	Unknow
13		0	0	0	Unknown	Unknow
14		0	0	0	Unknown	Unknow
15		0	0	0	Unknown	Unknow
16		0	0	0	Unknown	Unknow
17		0	0	0	Unknown	Unknow
18		0	0	0	Unknown	Unknow
19		0	0	0	Unknown	Unknow

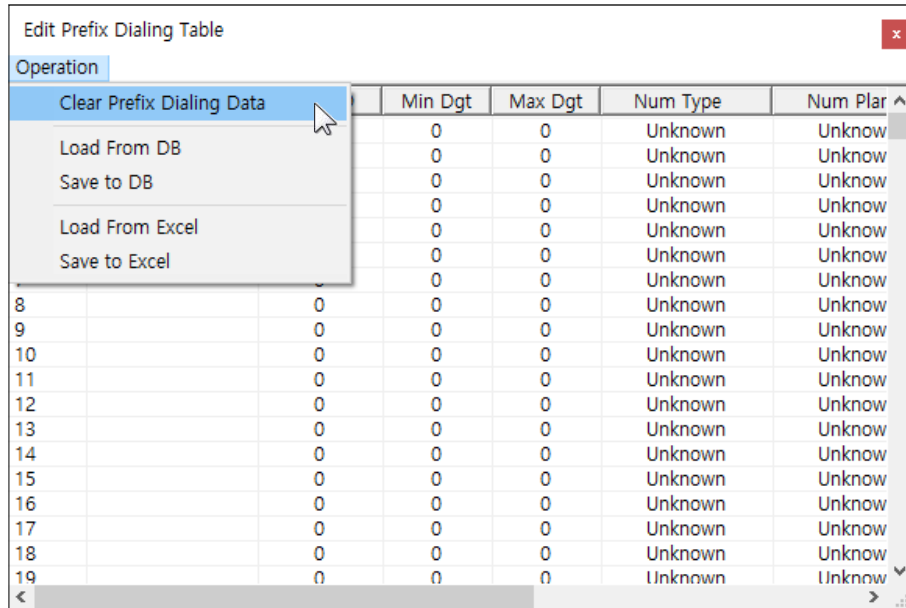
To enter or change values, click each cell to modify. [Tab] and [Enter] key can be used to move to the next cell. There are five operations provided by the Prefix Dialing Table Editor.

If a user want to apply Prefix Dialing Table Data in a sheet which is loaded from excel or changed in the 'Edit Prefix Dialing Data' window to working offline system, a user have to click "Save To DB" menu (see below section 2.3.3), then changed data would be reflected to the working offline system.

On the other hand, if a user want to read Prefix Dialing Data from working offline system, a user have to click "Load From DB" menu(see below section 2.3.2), then Prefix Dialing Table Data in a sheet would be changed to the Prefix Dialing Table Data of working offline system.

2.3.1 Clear Prefix Dialing Data

Clear all prefix dialing table data in a sheet.

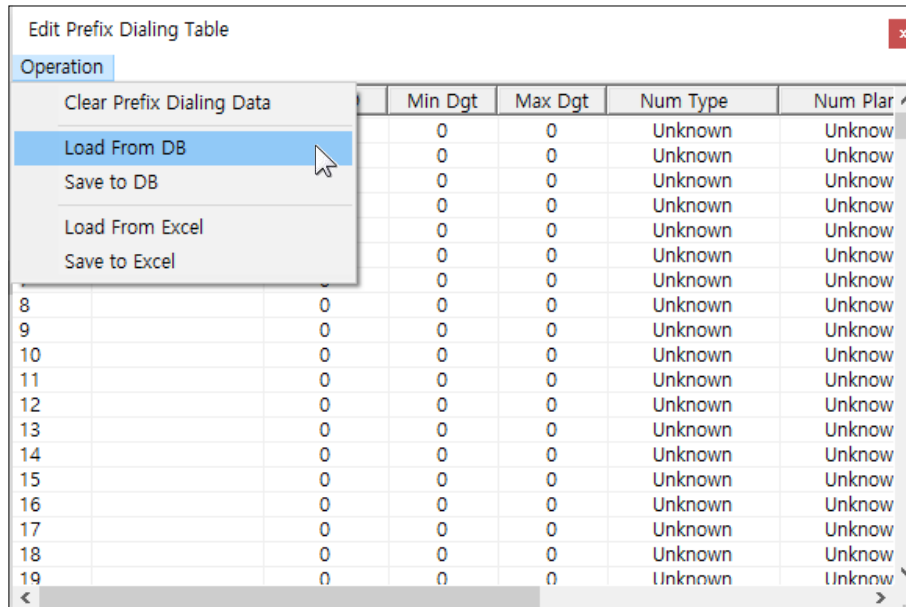


The screenshot shows a window titled "Edit Prefix Dialing Table" with a close button in the top right. A menu is open over the table, with "Clear Prefix Dialing Data" selected. The table has columns for "Min Dgt", "Max Dgt", "Num Type", and "Num Plar". The rows are numbered 8 through 19, and each row contains the value "0" in the first column and "Unknown" in the last two columns.

Operation	Min Dgt	Max Dgt	Num Type	Num Plar
Clear Prefix Dialing Data	0	0	Unknown	Unknow
Load From DB	0	0	Unknown	Unknow
Save to DB	0	0	Unknown	Unknow
Load From Excel	0	0	Unknown	Unknow
Save to Excel	0	0	Unknown	Unknow
8	0	0	Unknown	Unknow
9	0	0	Unknown	Unknow
10	0	0	Unknown	Unknow
11	0	0	Unknown	Unknow
12	0	0	Unknown	Unknow
13	0	0	Unknown	Unknow
14	0	0	Unknown	Unknow
15	0	0	Unknown	Unknow
16	0	0	Unknown	Unknow
17	0	0	Unknown	Unknow
18	0	0	Unknown	Unknow
19	0	0	Unknown	Unknow

2.3.2 Load From DB

Delete all prefix dialing data and read prefix dialing data from working offline system

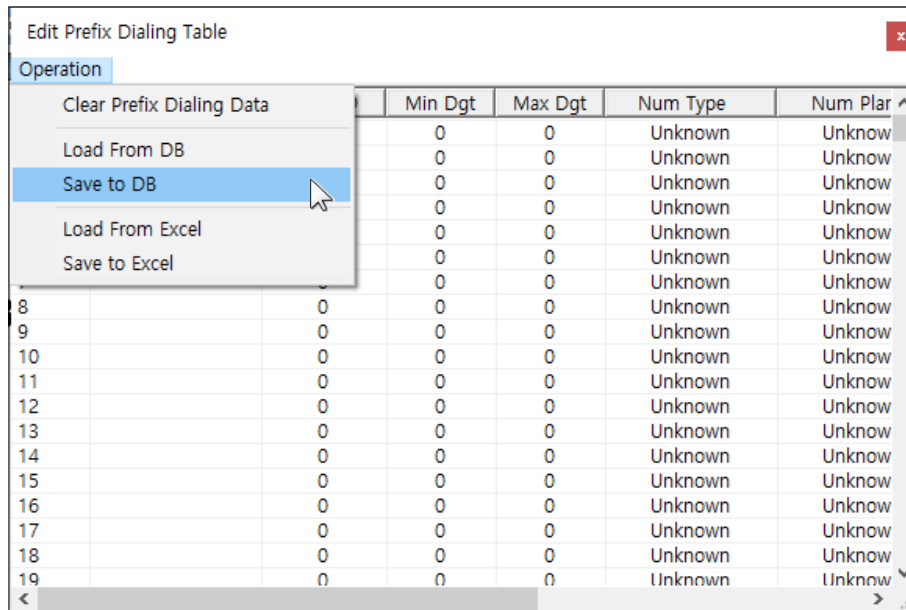


The screenshot shows the same "Edit Prefix Dialing Table" window, but with the "Load From DB" menu item highlighted. The table structure and data are identical to the previous screenshot.

Operation	Min Dgt	Max Dgt	Num Type	Num Plar
Clear Prefix Dialing Data	0	0	Unknown	Unknow
Load From DB	0	0	Unknown	Unknow
Save to DB	0	0	Unknown	Unknow
Load From Excel	0	0	Unknown	Unknow
Save to Excel	0	0	Unknown	Unknow
8	0	0	Unknown	Unknow
9	0	0	Unknown	Unknow
10	0	0	Unknown	Unknow
11	0	0	Unknown	Unknow
12	0	0	Unknown	Unknow
13	0	0	Unknown	Unknow
14	0	0	Unknown	Unknow
15	0	0	Unknown	Unknow
16	0	0	Unknown	Unknow
17	0	0	Unknown	Unknow
18	0	0	Unknown	Unknow
19	0	0	Unknown	Unknow

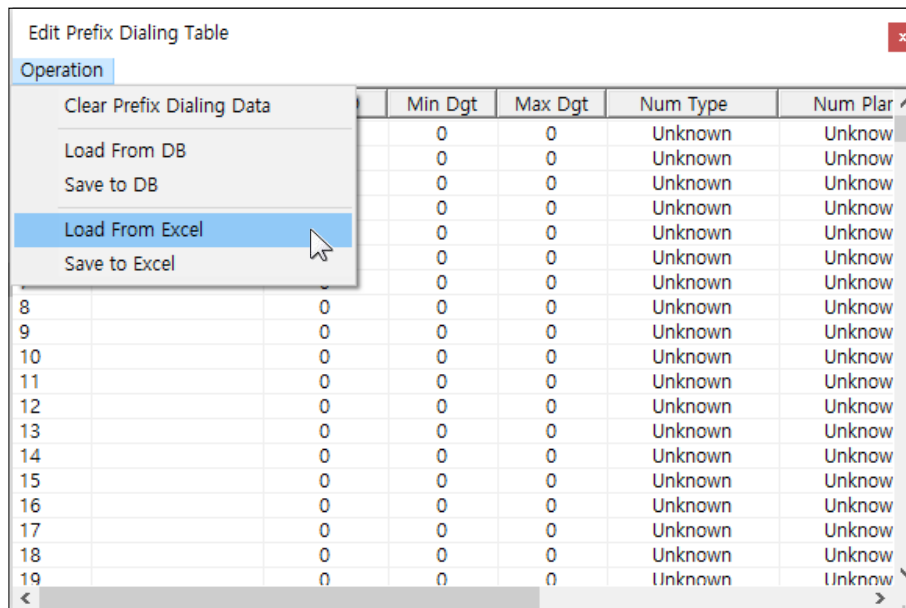
2.3.3 Save to DB

Save Current prefix dialing data to working offline system.



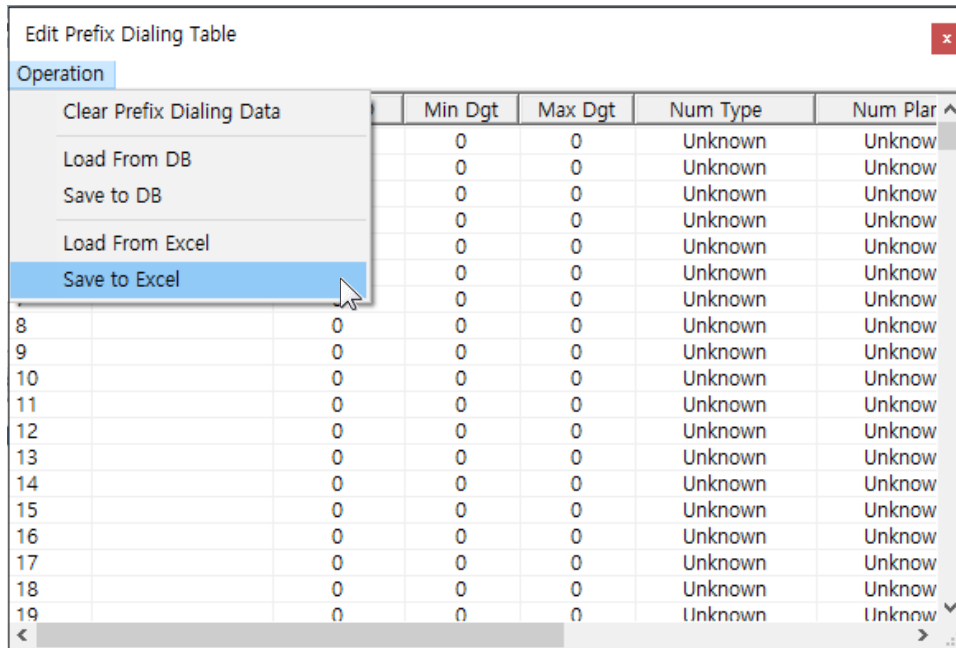
2.3.4 Load From Excel

Read prefix dialing data from excel file.



2.3.5 Save to Excel

Save prefix dialing data to excel file.

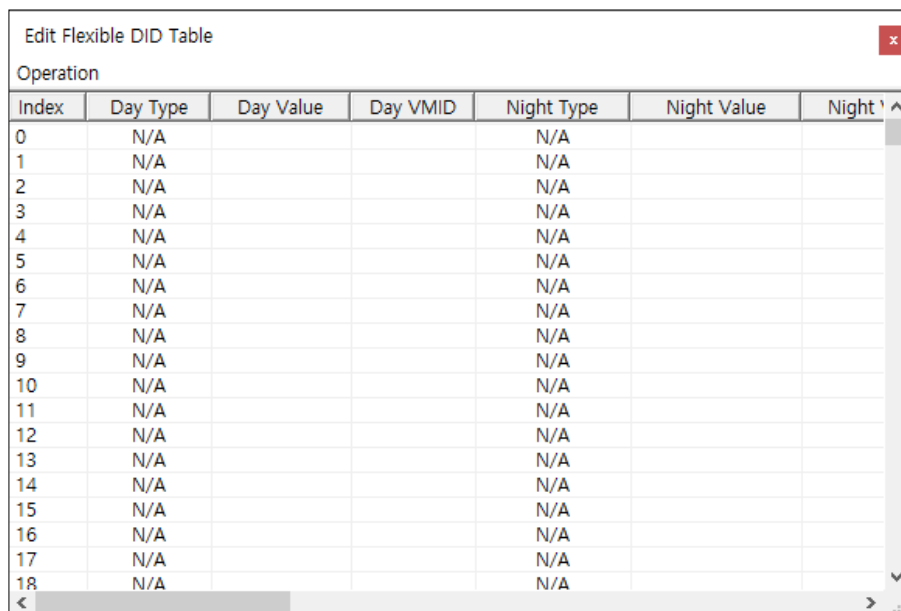
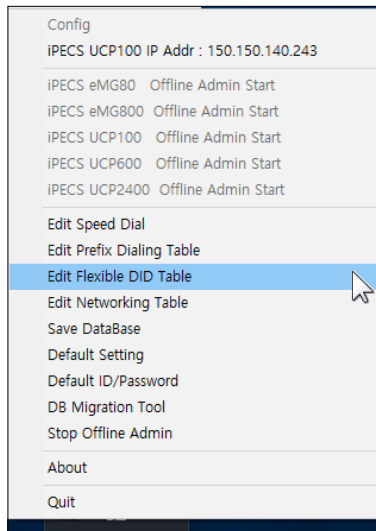


The screenshot shows a web application window titled "Edit Prefix Dialing Table". A context menu is open over the table, listing several operations. The "Save to Excel" option is highlighted in blue. The table below has columns for "Min Dgt", "Max Dgt", "Num Type", and "Num Plar". The data rows show values of 0 for "Min Dgt" and "Max Dgt", and "Unknown" for "Num Type" and "Num Plar".

Operation	Min Dgt	Max Dgt	Num Type	Num Plar
Clear Prefix Dialing Data	0	0	Unknown	Unknow
Load From DB	0	0	Unknown	Unknow
Save to DB	0	0	Unknown	Unknow
Load From Excel	0	0	Unknown	Unknow
Save to Excel	0	0	Unknown	Unknow
8	0	0	Unknown	Unknow
9	0	0	Unknown	Unknow
10	0	0	Unknown	Unknow
11	0	0	Unknown	Unknow
12	0	0	Unknown	Unknow
13	0	0	Unknown	Unknow
14	0	0	Unknown	Unknow
15	0	0	Unknown	Unknow
16	0	0	Unknown	Unknow
17	0	0	Unknown	Unknow
18	0	0	Unknown	Unknow
19	0	0	Unknown	Unknow

2.4 Edit Flexible DID Table

The Offline Web Admin supports to edit Flexible DID Table, read from and save to the excel file.



The screenshot shows the 'Edit Flexible DID Table' window with a table containing the following data:

Index	Day Type	Day Value	Day VMID	Night Type	Night Value	Night Value
0	N/A			N/A		
1	N/A			N/A		
2	N/A			N/A		
3	N/A			N/A		
4	N/A			N/A		
5	N/A			N/A		
6	N/A			N/A		
7	N/A			N/A		
8	N/A			N/A		
9	N/A			N/A		
10	N/A			N/A		
11	N/A			N/A		
12	N/A			N/A		
13	N/A			N/A		
14	N/A			N/A		
15	N/A			N/A		
16	N/A			N/A		
17	N/A			N/A		
18	N/A			N/A		

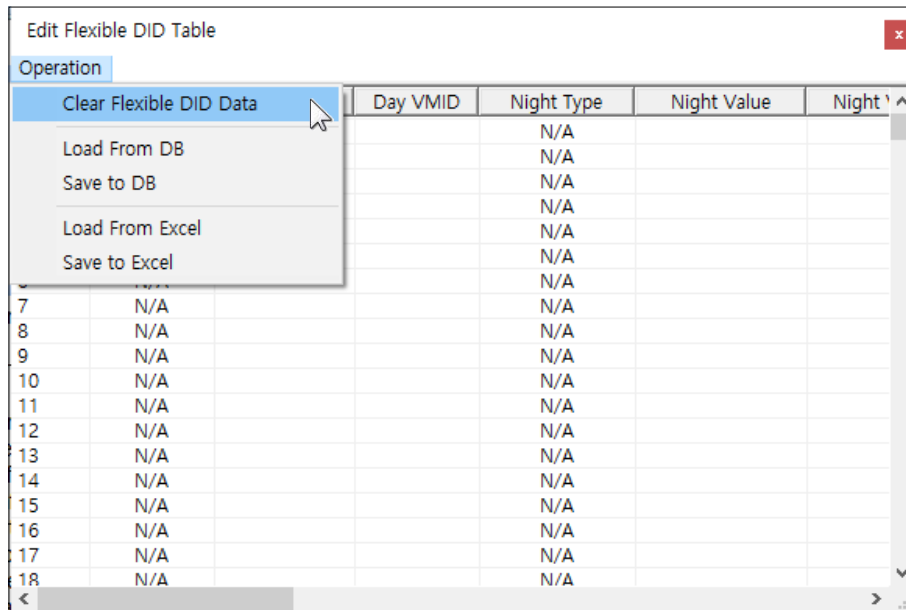
To enter or change values, click each cell to modify. [Tab] and [Enter] key can be used to move to the next cell. There are five operations provided by the Flexible DID Table Editor.

If a user want to apply Flexible DID Data in a sheet which is loaded from excel or changed in the 'Edit Flexible DID Table' window to working offline system, a user have to click "Save To DB" menu (see below section 2.4.2), then changed data would be reflected to the working offline system.

On the other hand, if a user want to read Flexible ID Data from working offline system, a user have to click "Load From DB" menu (see below section 2.4.3), then Flexible DID Data in a sheet would be changed to the Flexible DID Data of working offline system.

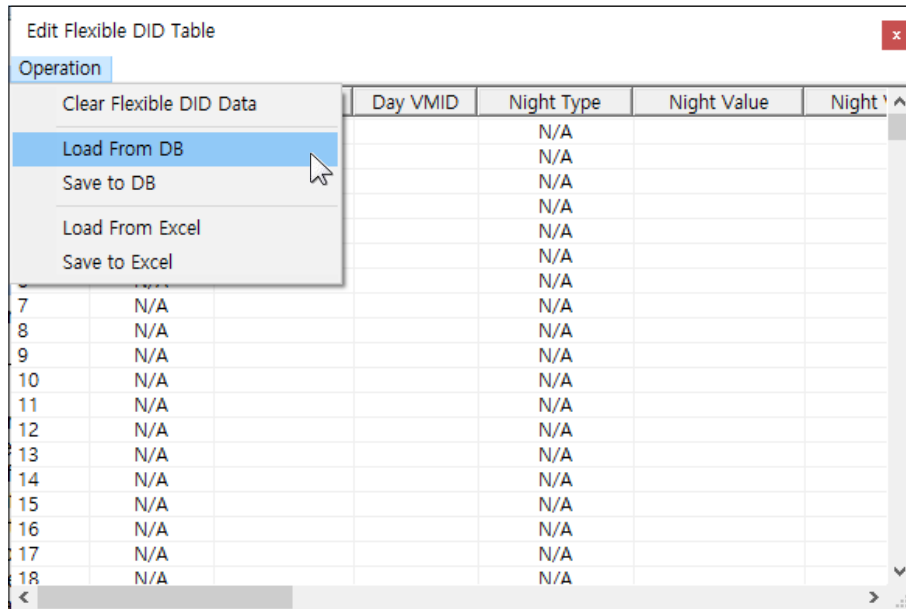
2.4.1 Clear Flexible DID Data

Clear all Flexible DID data in a sheet.



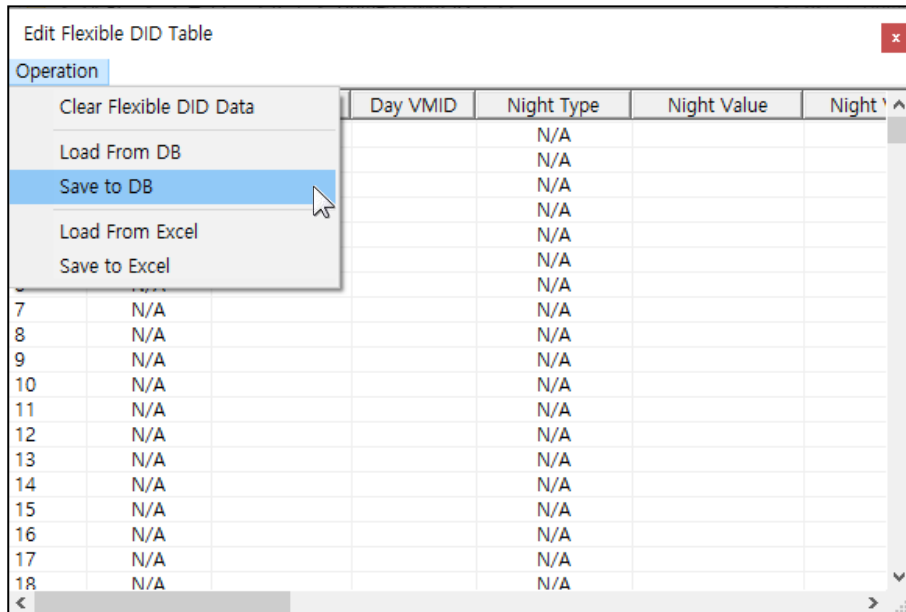
2.4.2 Load From DB

Delete all Flexible DID data and read Flexible DID table data from working offline system.



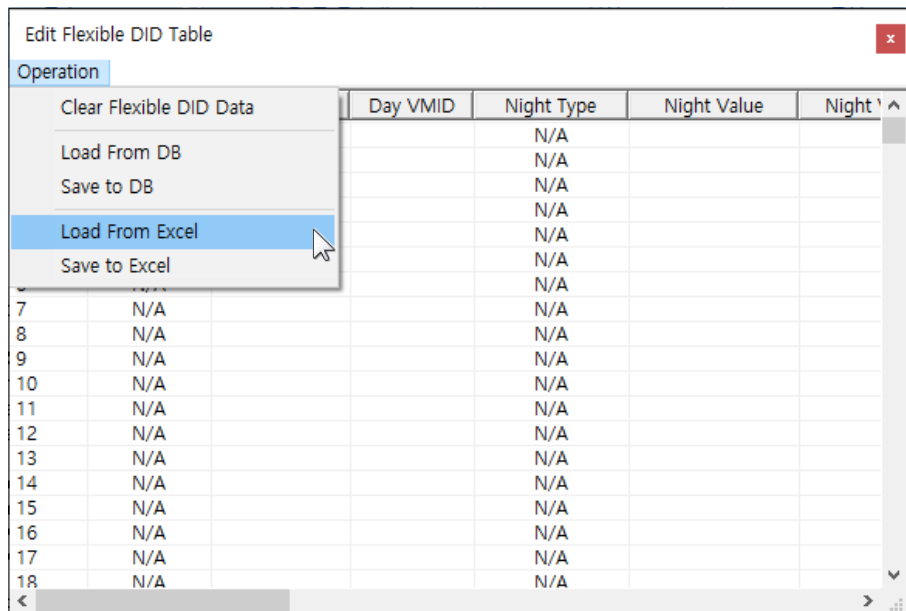
2.4.3 Save to DB

Save Current Flexible DID data to working offline system.



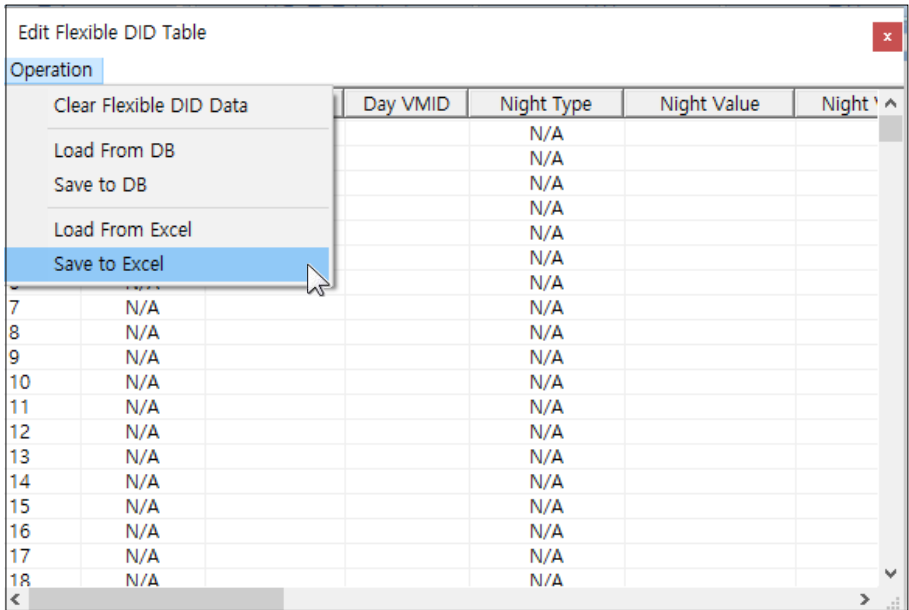
2.4.4 Load From Excel

Read Flexible DID data from excel file.



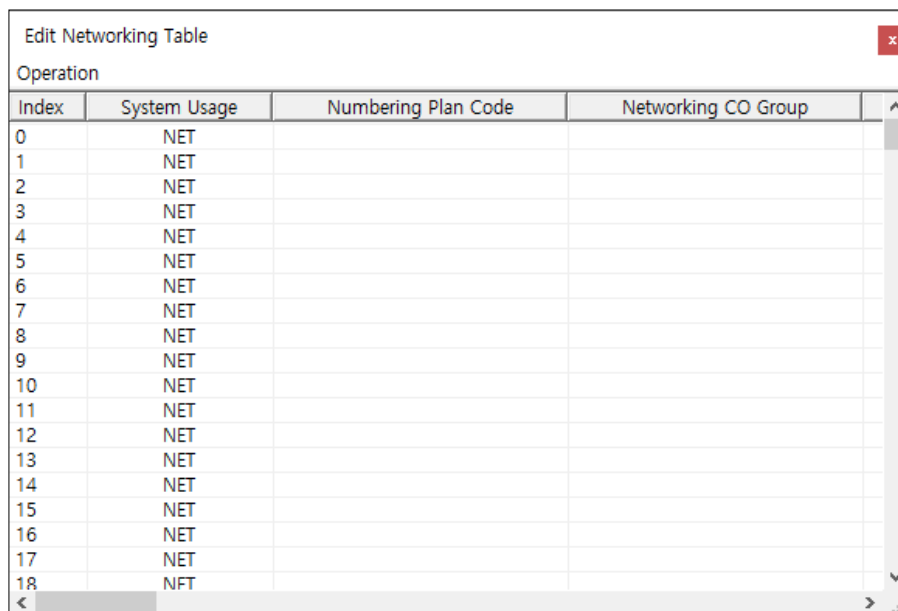
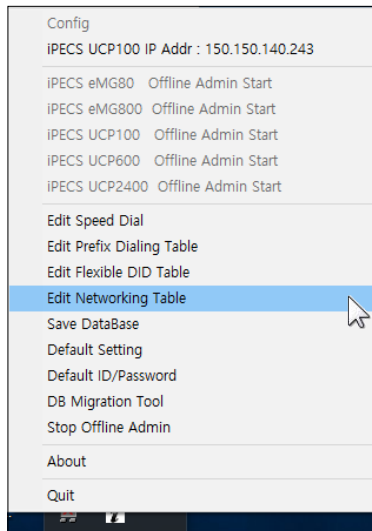
2.4.5 Save to Excel

Save Flexible DID data to excel file.



2.5 Edit Networking Table

The Offline Web Admin supports to edit Networking Table, read from and save to the excel file.



Index	System Usage	Numbering Plan Code	Networking CO Group
0	NET		
1	NET		
2	NET		
3	NET		
4	NET		
5	NET		
6	NET		
7	NET		
8	NET		
9	NET		
10	NET		
11	NET		
12	NET		
13	NET		
14	NET		
15	NET		
16	NET		
17	NET		
18	NFT		

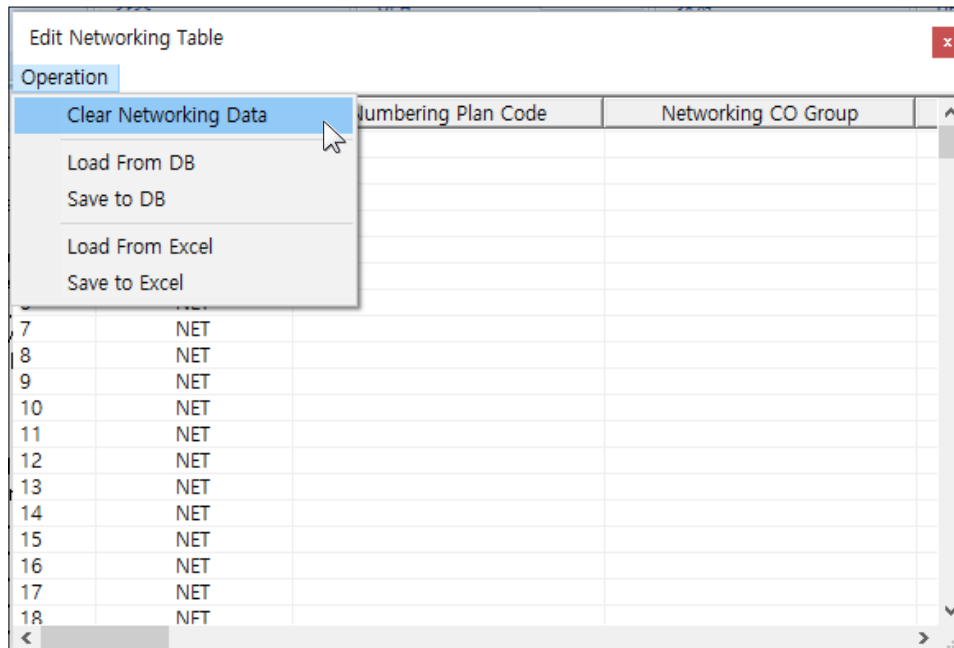
To enter or change values, click each cell to modify. [Tab] and [Enter] key can be used to move to the next cell. There are five operations provided by the Networking Table Editor.

If a user want to apply Networking Table Data in a sheet which is loaded from excel or changed in the 'Edit Networking Data' window to working offline system, a user have to click "Save To DB" menu (see below section 2.5.2), then changed data would be reflected to the working offline system.

On the other hand, if a user want to read Networking Data from working offline system, a user have to click "Load From DB" menu (see below section 2.5.3), then Networking Table Data in a sheet would be changed to the Networking Table Data of working offline system.

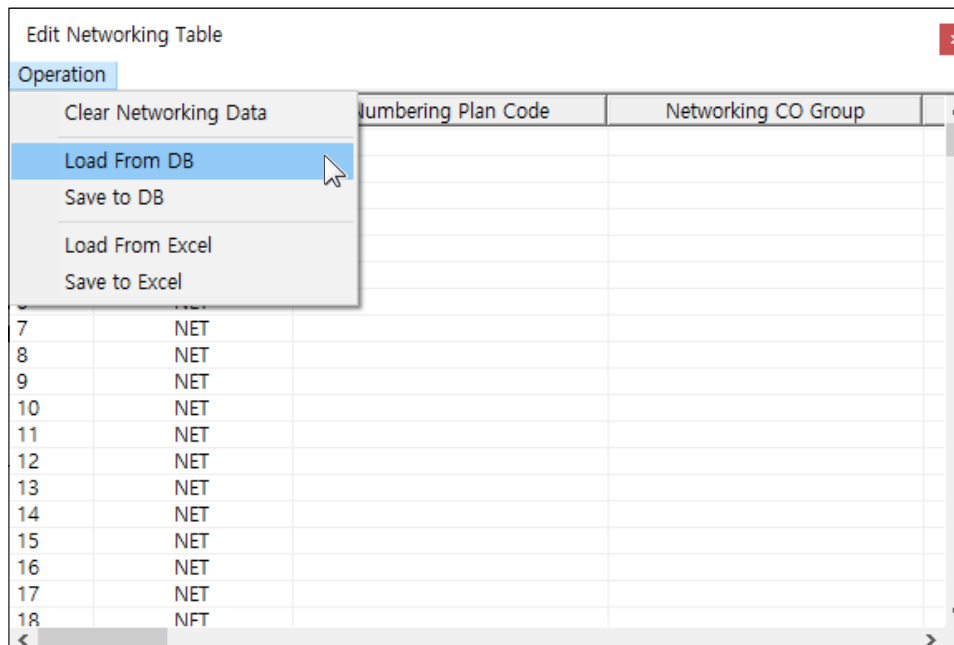
2.5.1 Clear Networking Data

Clear all networking table data in a sheet.



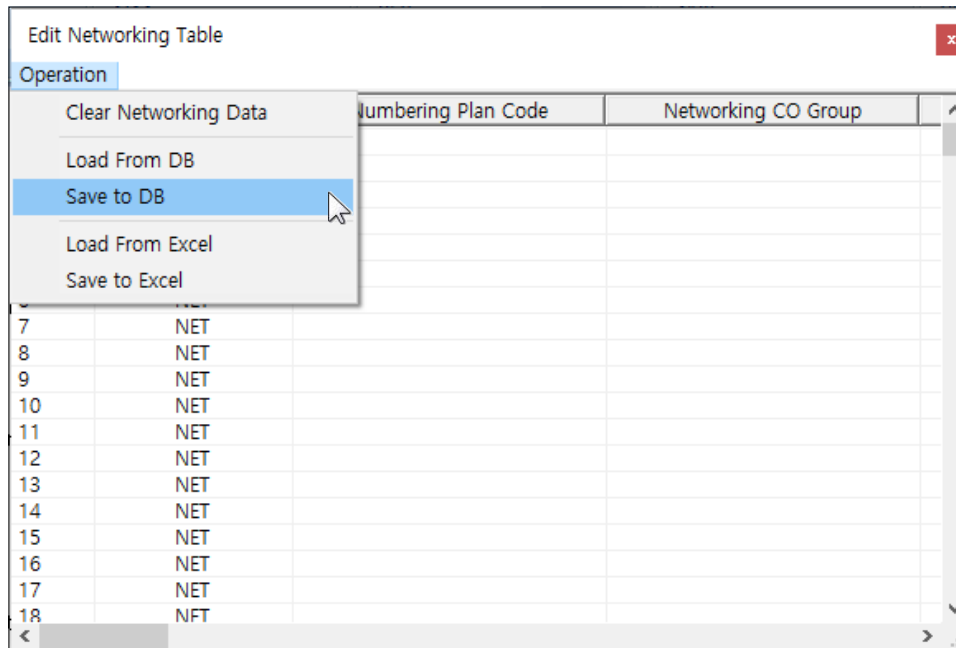
2.5.2 Load From DB

Delete all networking table data and read networking table data from working offline system.



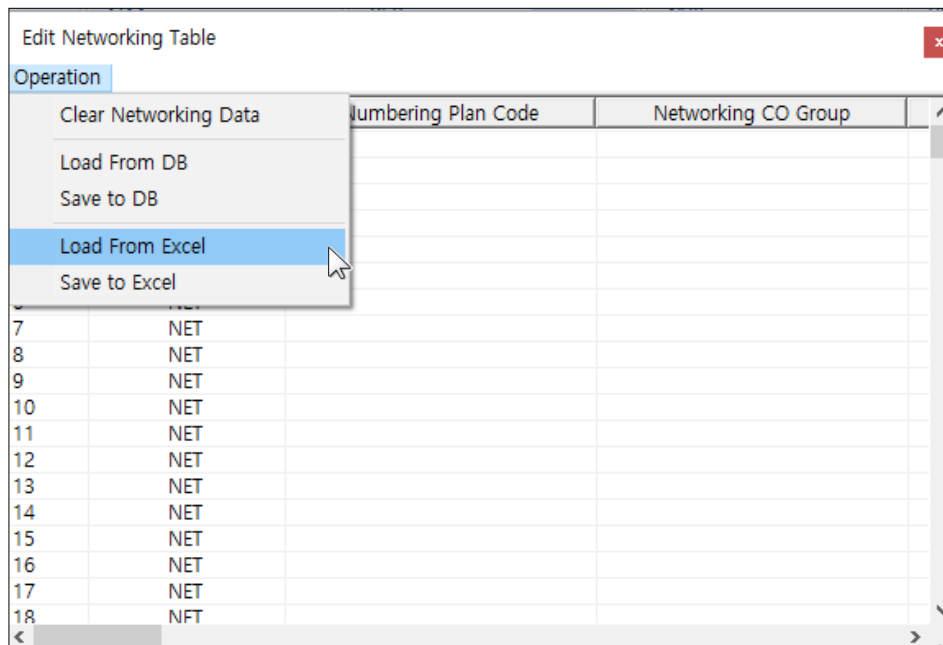
2.5.3 Save to DB

Save Current networking table data to working offline system.



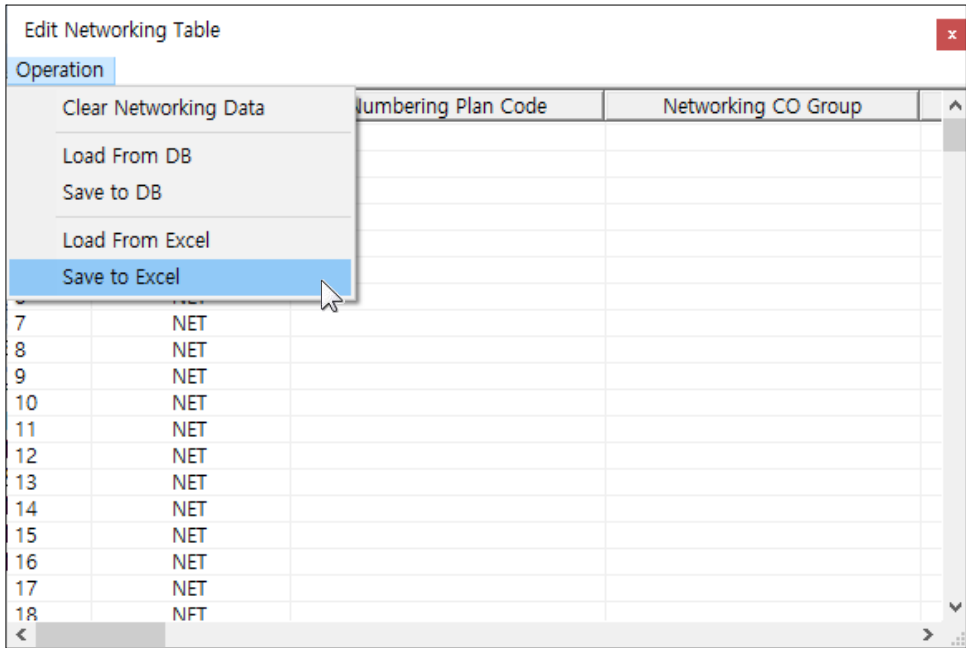
2.5.4 Load From Excel

Read networking table data from excel file.



2.5.5 Save to Excel

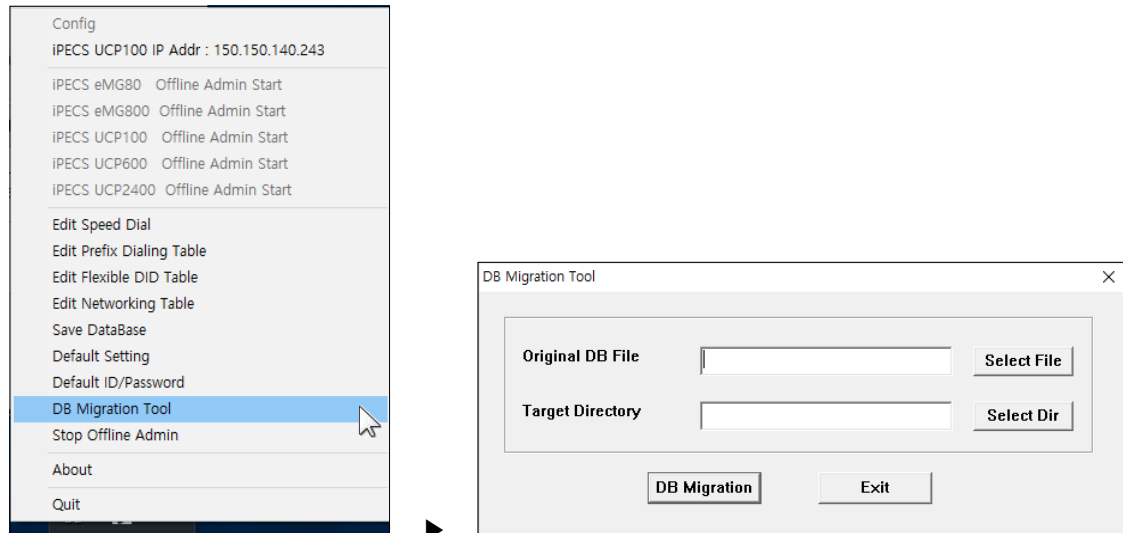
Save networking table data to excel file.



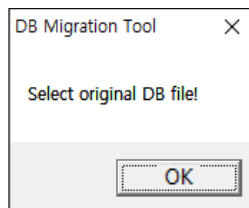
2.6 DB Migration Tool

This feature is used for migrate LIK DB to UCP with Offline Web Admin. If a user used LIK, but a user wants to use UCP with current DB, then a user can be able to migrate the DB with this feature. This feature isn't supported in iPECS eMG80 and iPECS eMG800.

Click "DB Migration Tool", then pop-up window is appeared to let you migrate the DB.



1. Select a LIK DB file to migrate by pressing .
2. Select a directory to create a converted DB file by pressing .
3. Press button.
4. After a moment, if this pop-up comes on, DB Migration is completed.



After the migration process, a converted DB file from LIK to UCP will be created on the target directory and Original LIK DB will be accept on executed UCP OWA DB automatically.

For the displaying device list and the smooth system configure, please reset offline web admin on **[Administration → Initialization → Initialization (450) → Reset System button]** after the migration process.

Some data which are different between LIK and UCP change or doesn't move from LIK to UCP for preventing the conflict.

So, please check and set the below features before accepting converted DB to UCP system.

- **Station VM Attributes(127)** - Cascade Type
- **Multicast RTP/RTCP(165)**
- **SMDR Attributes(177)** - SMDR Interface Service : LIK ON Option will be changed to CO&ICM CALL
- **System Multi Language(179)**
- **Web Access Authorization / Station Web Authorization**
- **PPP Attributes(205)** - PPP SERVER/CLIENT IP Addr
- **Device Zone Attr(437)** - Select Default Multi Language
- **System Speed Numbers**

Follow items MUST be checked.

- **Flexible Numbering Plan(106~109)** - Access CO Group, Access Individual CO/IP, External Page Zone 2, Door Open 2, 3, 4, CCR, UCS System Conf Group Join
- **Linked Station(124)** - STA Number linked data will be removed (Not MAC linked data)
- **System Password(162)** - Web Admin ID/PWD data moved to [Maintenance – User Management]
- **Hot Desk Attributes(250)**
- **Maintenance - License**

NOTE

When a user applies migrated LIK DB to UCP system, **6.1Bf & 6.0Dd or higher version of LIK DB file** is recommended.

Appendix: Useful Information

This chapter provides information on the use of open source software.

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JQuery File Upload Plugin	MIT License
JQuery File Upload User Interface Plugin	MIT License
JQuery File Upload File Processing Plugin	MIT License
Handsontable	MIT License
JQuery Nicescroll	MIT License
JQuery detectSwipe	MIT License
jQuery Templates Plugin	MIT or GPL Version 2 License
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Modernizr	MIT & BSD License
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