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Unified V3.0 Features

(iPECS-SMB-TRA-01-028)

30 Apr, 2018

REVISION HISTORY

ISSUE	DATE	DESCRIPTION OF CHANGES
0.1	31-July-17	Preliminary release
0.2	23-Aug-17	Update for UCS multi login
1.0	28-Oct-17	Added more detailed description for Unified P3
1.1	08-Dec-17	Added more detailed description for Unified P3 C/A items
1.2	13-Dec-17	Added more detailed description and conditions.
1.3	15-Dec-17	Added more detailed items for Alarm
1.4	19-Dec-17	Added more detailed items for External Alarm
1.5	30-Apr-18	Default UCS License in Install Wizard step 2

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- IP Attendant
- Hotel
- LIP/LDP UX enhancement
- LIP-9000
- V3.0 Features

DB compatibility

- ❖ **DB is not compatible for downgrade from 3.x to below (2.x or 1.x)**

To downgrade from 3.x to below version (2.x or 1.x), saved 2.x/1.x DB should be used

So, Recommend to backup DB before upgrade to 3.x

- ❖ **Off line web admin**

If DB is edited/saved on unified 3.x off line web admin then it could not used for unified 2.x and 1.x version.

So, could you use same level off line web admin with system?

UCS P6

UCS Release History

UCS v4.0 & v4.1	UCS v5.0	UCS v5.5/5.5+	UCS v6
<ul style="list-style-type: none">• Built-in UC Server• Mobile client for iPhone• Call control client• Visual voice mail• Voice conference manager	<ul style="list-style-type: none">• UC as windows service• AD based SSO• MEX feature on UCS mobile	<ul style="list-style-type: none">• UCS desktop client for Mac• CRM integration• ACD Manager• Flexible button sync• Automatic failover of UCS Standard clients	<ul style="list-style-type: none">• Multi login• User base license• iOS 10 Callkit• Push notification service• Automatic failover of UCS Premium clients• Call Recording on mobile

Major enhancement vs UCS v5.5

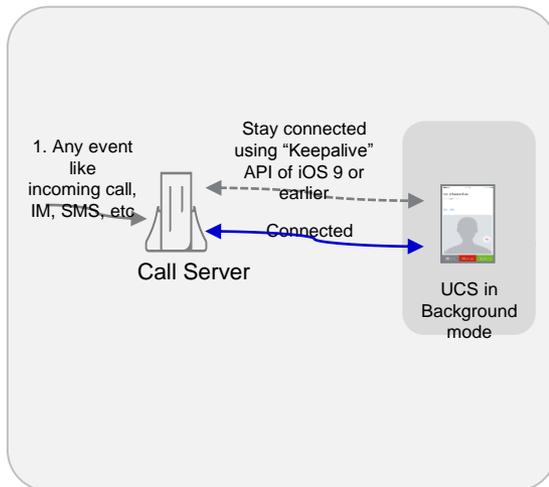
	UCS v5.5 + Unified v2.2	UCS v6.0 + Unified v3.0
License policy	<ul style="list-style-type: none"> Per device base license - Need separate license for UCS desktop and UCS mobile for a user 	<ul style="list-style-type: none"> Per user base license - One license for a user (Basic, Advanced, Power)
Log-in management	<ul style="list-style-type: none"> Single log-in with one of UCS licenses Single login with Desktop and mobile license 	<ul style="list-style-type: none"> Single log-in with basic user (only desktop) Single log-in with advanced user (log-in from any UCS clients at a time) Multi log-in with power user license (up to 3 UCS clients simultaneously)
Operation	<ul style="list-style-type: none"> No call log sync for Desk phone / desktop UCS / mobile UCS for a user 	<ul style="list-style-type: none"> Call log sync for Desk phone / desktop UCS / mobile UCS for a user IM Continuity w/o chatting history for the session (Standard) IM Continuity with chatting history for the session (premium)*

**IM history is not stored when a session ends. No IM log is supported*

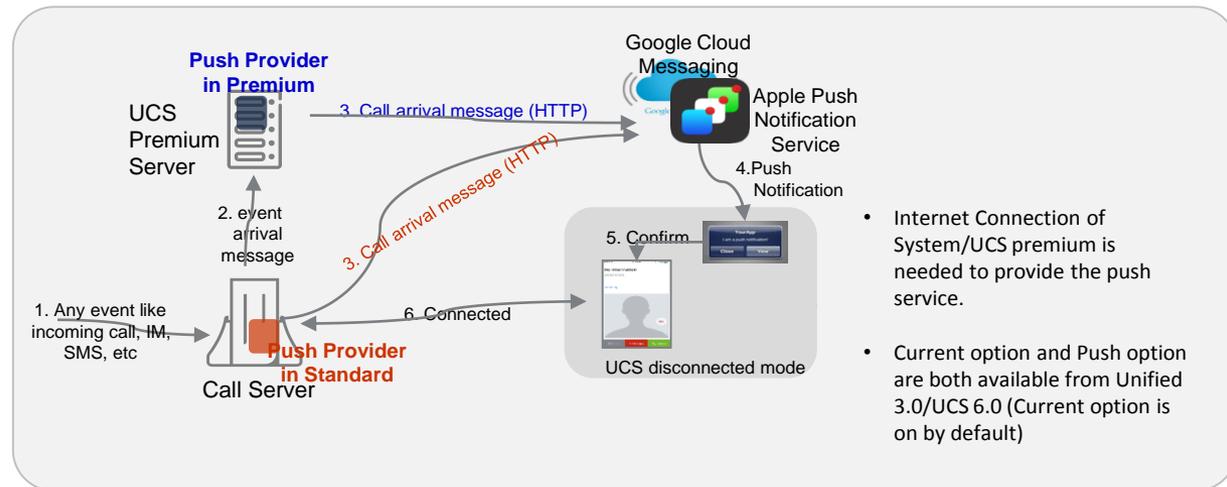
Push notification for UCS Mobile

- New way to deliver communication events (call, IM, etc) to UCS mobile clients
 - Background: TCP “Keepalive” API deprecation from iOS 10 UCS Mobile unable to stay connected with call server as background mode
 - Solution: Applying event push notification to awake UCS mobile and then able to start to communicate
 - UCS Standard : Push notification service embedded in the call server
 - UCS Premium : Push notification service is supported by UCS Premium Server

Unified 2.2/UCS 5.5 and before



Unified 3.0/UCS 6.0 and later



- Internet Connection of System/UCS premium is needed to provide the push service.
- Current option and Push option are both available from Unified 3.0/UCS 6.0 (Current option is on by default)

UCS P6

Push notification for UCS Mobile – System

- URL
 - Android : <https://fcm.googleapis.com/fcm/send>
 - iOS: <https://api.push.apple.com>
- Port :443
- Protocol : HTTP/2(HTTPS)

Tables Data

Networking Data

H.323 Routing Table

T-NET Data

Zone Data

Device Login

UCS Data

- Common Attributes(445)
- UCS Standard Client Login(446)
- UCS Premium Client Login(446)
- UCS Standard Client Attributes(447)
- Administrative Message(448)
- UCS Push State**

Favorite PGM UCS Push State

Order	Attribute	Value	Remark
1	UCS Push Usage	ON	Push service will be changed. To use UCS clients normally, after changing this value, UCS clients are needed to log in again.
2	Push Ring Wait Time	10	6-12(sec)

Server Type	Connection	Statistics
FCM	0	0 / 0
APNS	0	0 / 0
DEVAPNS	0	0 / 0

Index Station Number Master Number Push Usage Remark

“UCS Push Usage” should be ON for both standard and premium UC

System IP Plan(102) DNS IP Address 192.168.2.4

DNS should be used to use Push service

- ❖ Push task: Standard UC (UCP), Premium UC (UC server)

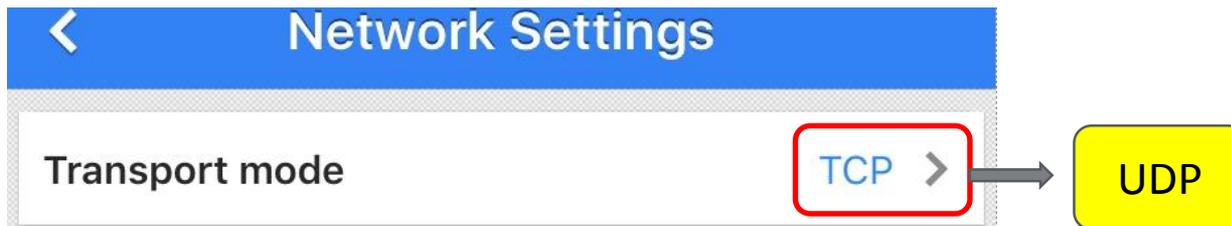
Push notification for UCS Mobile



- Make a UC mobile client and enable push service
 - UC station number 1099

Push notification for UCS Mobile – Client

- iOS (TCP protocol should be used to use push/iOS 10 features)
UDP should be used if Mobile network is not connected
Because Apple does not support TCP keep alive
System could not know status of UC client without TCP keep alive in TCP protocol

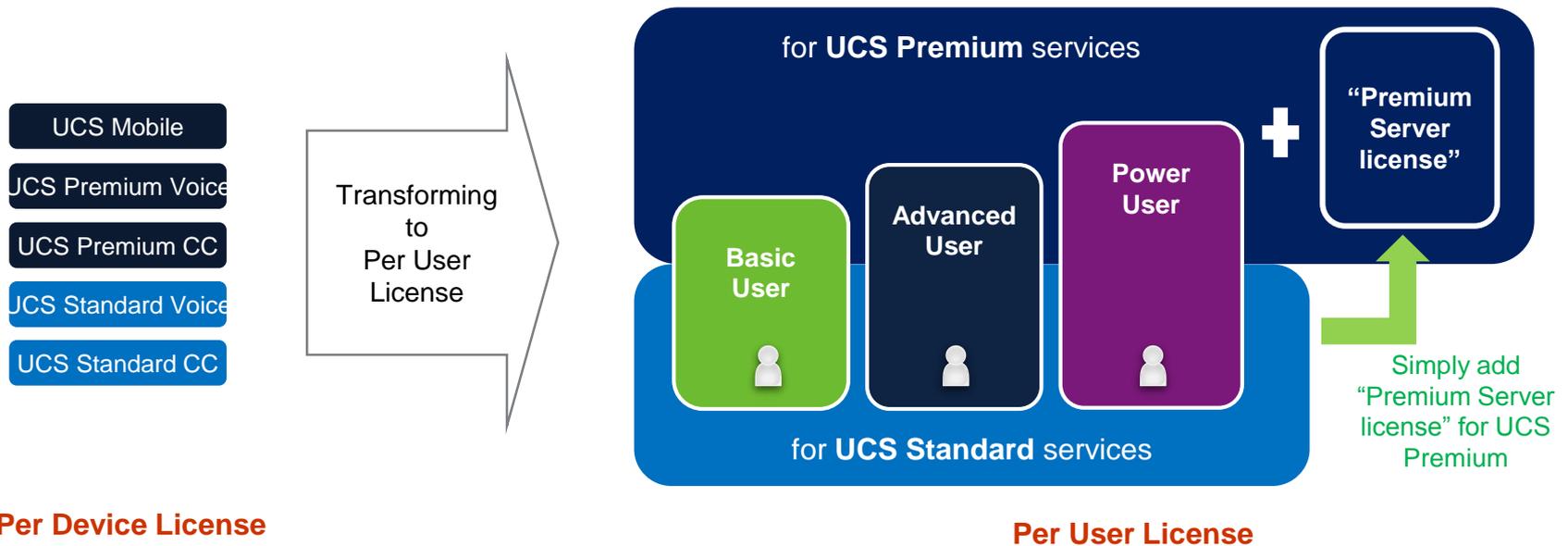


- Android (Both TCP and UDP could be used)

UCS P6

User base license

- From UCS v6, license is much simplified by supporting **“User base license”**
 - Per User License (Basic, Advanced, Power User).
 - One User License for UCS Standard and UCS Premium. For UCS Premium, simply add “Premium Server license”.



Per Device License

Per User License

Feature availability and new features by User license

New features in UCS v6

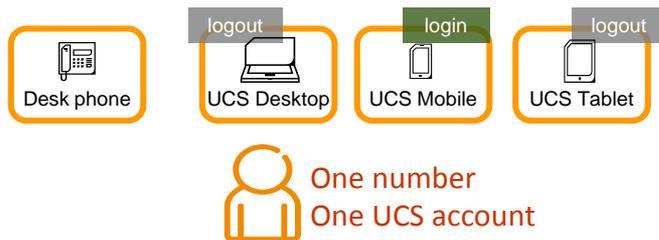
	Basic User license	Advanced User license	Power User license	
Usable UCS Client	Desktop (CC only)	Desktop/Mobile/Tablet	Desktop/Mobile/Tablet	
Log-in management	Single	Single	Multi	
One UCS Account	Y	Y	Y	
Desktop Call Control mode	Y (Desktop only)	Y (Desktop only)	Y (Desktop only)	
Mobile MEX mode		Y (Mobile / Tablet)	Y (Mobile / Tablet)	
Call Log / Call Log Sync	Y / Y (Deskphone & UCS CC)	Y / Y	Y / Y	
IM (1 : 1)	Y	Y	Y	
IM (1 : N)	Y	Y	Y	UCS Premium
IM Continuity b/w clients w/o history sync (1 : 1)	Y	Y	Y	
IM Continuity b/w clients w history sync (1 : 1)	Y	Y	Y	UCS Premium
IM Continuity b/w clients w/ history sync (1 : N)	Y	Y	Y	
Click to call	Y (Windows only)	Y (Windows only)	Y (Windows only)	
Voice call		Y	Y	
iOS 10 callkit (iOS only)		Y (Mobile iOS)	Y (Mobile iOS)	
Video call (1 : 1)		Y (Windows only)	Y (Windows only)	
On-demand recording (Desktop / Mobile)	Y / Y	Y / Y	Y / Y	
Flexible button (Desktop)	Y (Windows only)	Y (Windows only)	Y (Windows only)	
Visual voice mail	Y	Y	Y	
Audio conference manager	Y (Windows only)	Y (Windows only)	Y (Windows only)	
CRM Integration	Y (Windows only)	Y (Windows only)	Y (Windows only)	
Outlook sync (Contact)	Y (Windows only)	Y (Windows only)	Y (Windows only)	
Outlook sync (Schedule)	Y (Windows only)	Y (Windows only)	Y (Windows only)	
Video conference (9 party)		Y (Windows only)	Y (Windows only)	
Collaboration		Y (Windows only)	Y (Windows only)	
MS Exchange(Schedule)	Y (Windows only)	Y (Windows only)	Y (Windows only)	UCS Premium
AD Sync	Y (Desktop only)	Y (Desktop only)	Y (Desktop only)	
SSO	Y (Windows only)	Y (Windows only)	Y (Windows only)	
Organization chart	Y	Y	Y	

- Y : Supported on Windows/Mac desktop and iOS/Android mobile
- Desktop only : Supported on Windows/Mac desktop
- Windows only : Supported on Windows desktop

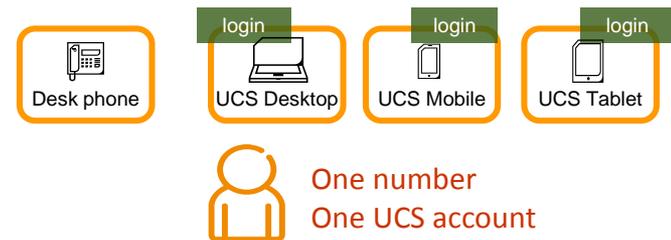
Single log-in vs Multi log-in

- Single log-in : UCS user able to log-in on to one client at a time
- Multi log-in : UCS User able to log-in on to multiple devices at the same time

Single login (w/ Advanced User license)



Multi login (w/ Power User license)

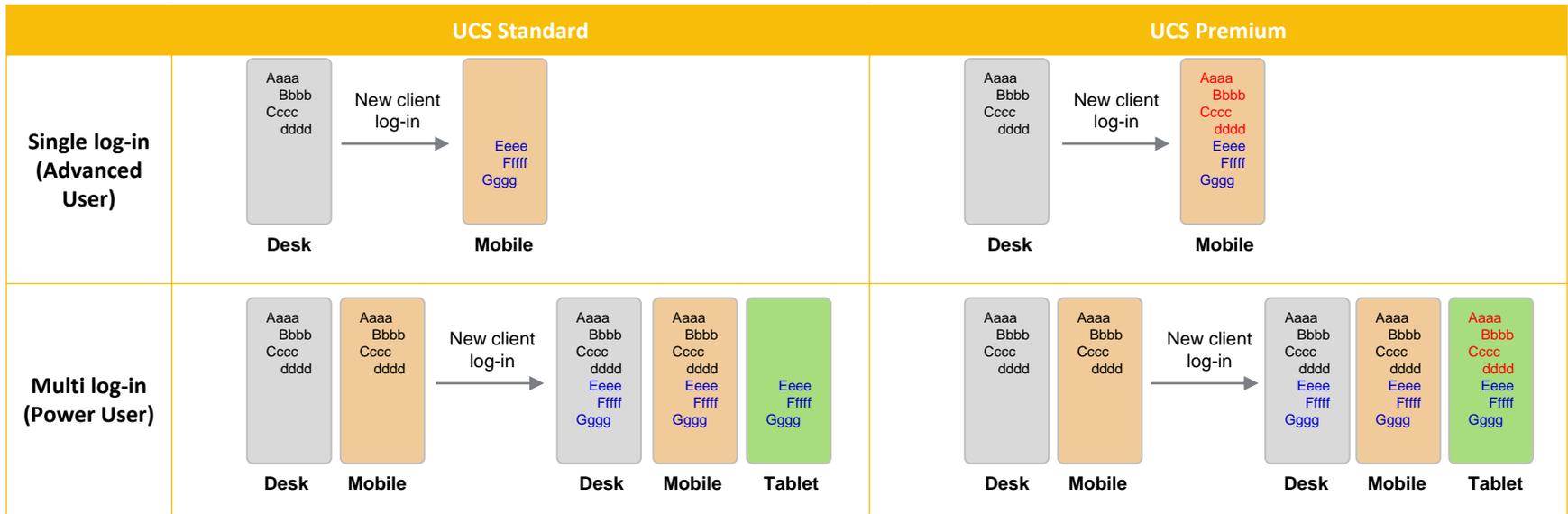


- Single Login (Only 1 device)
- Presence Synchronization
- Call Log Synchronization
- IM Continuity b/w clients w/o history sync for a session (Standard)
- IM Continuity b/w clients with history sync for a session (Premium)

- Simultaneous Login (Max. 3 devices)
- Presence Synchronization
- Call Log Synchronization
- IM on multi log-in clients for a session (Standard)
*new log-in is possible without previous history
- IM on multi log-in clients with history sync for a session (Premium)
*new log-in is possible and previous history is presented for that session

IM Continuity

- Support continuous IM when changing UCS client or newly log-in
- UCS Premium keeps the previous history for the session.

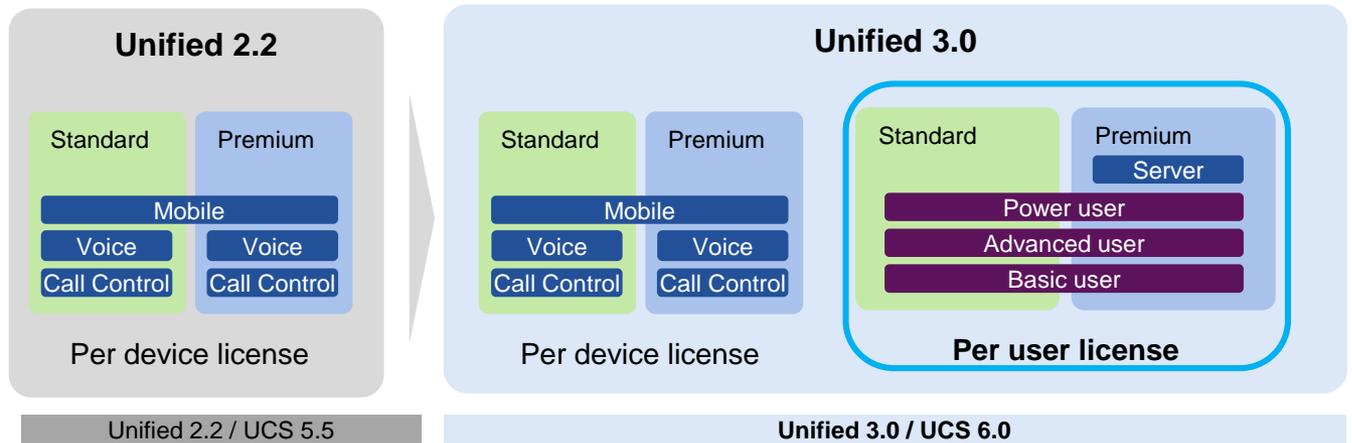


UCS Standard : Session ends → All ends. No IM list and history left

UCS Premium : Session ends → All ends. Only IM list is left

UCS license support in Unified v3.0

- Both UCS license plans are supported in Unified v3.0
 - Current per-device license : This is mainly for installed UCS customers
 - New per-user license : New UCS customers



Major differences		Per device license	Per device license	Per user license
Log-in	Single log-in on desktop/mobile w/ 2 licenses (w/ Voice/CC & Mobile)	Y	Y	-
	Multi log-in w/ single license (w/ power user)	-	-	Y
	Single log-in on desktop/mobile w/ single license (w/ advanced user)	-	-	Y
New features	iOS 10 Callkit	-	Y	Y
	System failover support	-	Y	Y

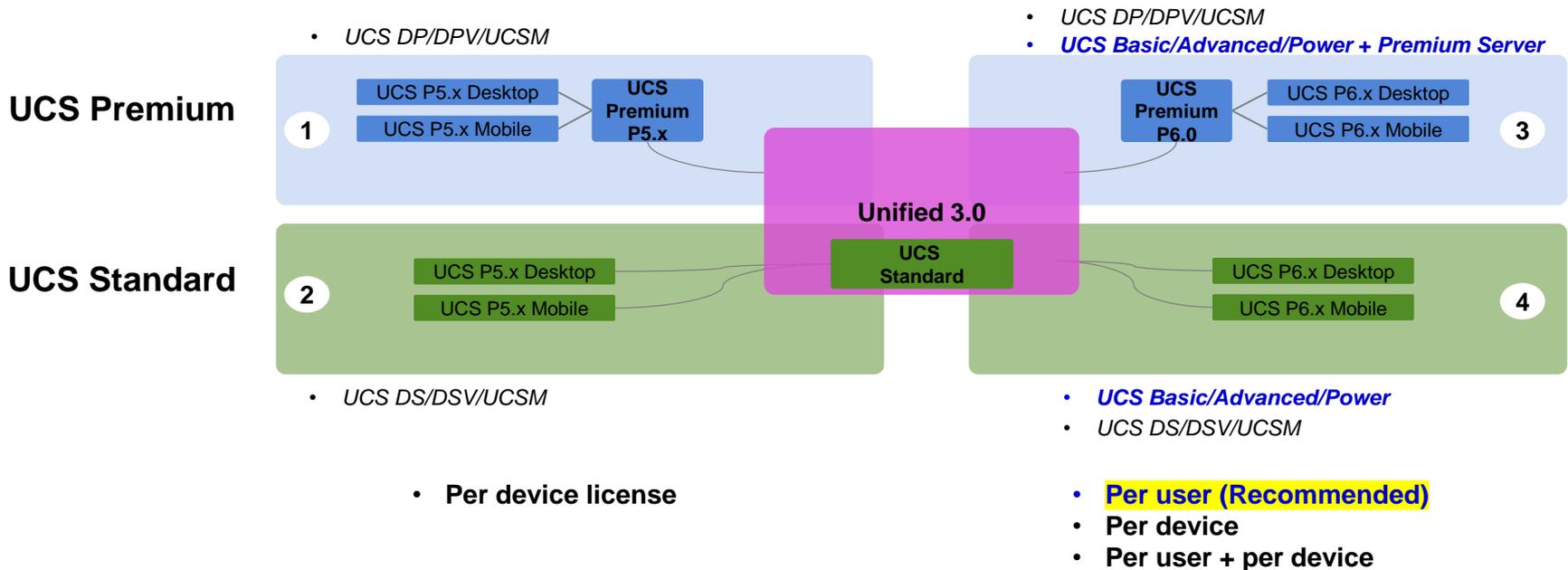
UCS P6

Compatibility

- Unified 3.0 supports UCS 5.5 and UCS 6.0
- 4 UCS Deployment cases - Decide one of cases. Not multiple cases at the same time

UCS v5.5

UCS v6.0



- Default UCS License is selected in PGM100 and install wizard step 2.

System ID(100)	Default UCS License	Device ▾
Step 2 (Set Nation C...)	Default UCS License	Device ▾

License policy for upgrade case

	Policy		Remark
Current UCS Users (Before v5.5)	<ul style="list-style-type: none"> • Only System S/W upgrade 	<ul style="list-style-type: none"> • Continue to user UCS 5.5 with per device license (no action necessary for UCS) 	To be ready from the release
	<ul style="list-style-type: none"> • UCS upgrade 5.5 → 6.0 	<ul style="list-style-type: none"> • Need system s/w upgrade to Unified v3.0 under valid SWA <p>Case 1) Full 6.0 features – Need to migrate license via the license portal</p> <ul style="list-style-type: none"> - UCSDS → Basic user - UCSDSV → Advanced user - UCSDP → Basic user + Premium server - UCSDPV → Advanced user + Premium server - UCSM → Advanced user <p>Case 2) For adding per device license – only partial 6.0 features</p>	<p>Case 1) To be ready in Q2/2018 for license portal development. Meanwhile this is to be supported manually by AM.</p> <p>Case 2) To be ready from the release</p>
New UCS Users (v6.0 or after)	<ul style="list-style-type: none"> • New deployment UCS 6.0 	<ul style="list-style-type: none"> • Only per user license 	
	<ul style="list-style-type: none"> • UCS 6.0 → UCS 6.0 user license upgrade 	<ul style="list-style-type: none"> • Following cases available. Need to pay the price difference <ul style="list-style-type: none"> - Basic → Advanced user - Basic → Power user - Advanced → Power user 	To be ready in Q2/2018 for license portal development

UCS P6

System Port with UCS User license

	Basic User	Advanced User	Power User
	 Desk phone  UCS Call Control Client	 <div style="border: 1px solid gray; border-radius: 10px; padding: 5px; display: inline-block;">  UCS desktop client  UCS Mobile client (Smartphone, Tablet) </div> <p style="text-align: center;">Single log-in</p>	 <div style="border: 1px solid gray; border-radius: 10px; padding: 5px; display: inline-block;">  UCS desktop client  UCS Mobile client (Smartphone, Tablet) </div> <p style="text-align: center;">Multi log-in</p>
Required system ports	<ul style="list-style-type: none"> 1 port for UCS Call Control (free) *within the maximum port of each system. 1 port for desk phone 	<ul style="list-style-type: none"> 1 port for UCS 1 port for desk phone 	<ul style="list-style-type: none"> Multi ports as the number of registered UCS clients 1 port for desk phone

Add/Delete User with User base License



- If it's not added, 1 is omitted.
- If it's device license, 2 is omitted.
- User and device base license works independently of each other.
- Device means device base license that is used in previous version. (Desktop standard, Desktop premium, Mobile).

**** If you want to change license, you should delete it in PGM 446 and then you change user base license. You should add user after change the license.**

User base License configuration

The screenshot displays the License Management interface. On the left, a sidebar menu includes 'License Management', 'License Upload', 'Gateway License', 'User Base License' (highlighted in blue), and 'Temp License Activation'. On the right, a table lists license configurations. A red rounded rectangle highlights the rows for license types 'Basic' and 'Advanced'.

<input type="checkbox"/>	90	1089	Device	▼
<input type="checkbox"/>	91	1090	Basic	▼
<input type="checkbox"/>	92	1091	Advanced	▼
<input type="checkbox"/>	93	1092	Power	▼
<input type="checkbox"/>	94	1093	Device	▼
<input type="checkbox"/>	95	1094	Device	▼

- User base license should be preprogrammed before adding user.

UCS P6

Basic UC client configuration

- Step 1: License management



<input type="checkbox"/>	90	1089	Device	▼
<input type="checkbox"/>	91	1090	Basic	▼
<input type="checkbox"/>	92	1091	Advanced	▼
<input type="checkbox"/>	93	1092	Power	▼
<input type="checkbox"/>	94	1093	Device	▼
<input type="checkbox"/>	95	1094	Device	▼

- Step 2: PGM446



Please set DIP switch 3 to ON.

<input type="checkbox"/>	Index	Station Number (*)	Master Number	Member1 Number	Member2 Number	User ID (*)	User Password (*)	Name (*)
<input type="checkbox"/>	1	1090				1090	*****	1090
<input type="checkbox"/>	2	1091				1091	*****	1091
<input type="checkbox"/>	3							
<input type="checkbox"/>	4							

- Step 3: UC client

Call Control Mode With Voice **No Voice**

Forced Mac Address(SSL VPN)

UCS P6

Advance UC client configuration for single login

Step 1: License management

License Management

- License Upload
- Gateway License
- User Base License**
- Temp License Activation

<input type="checkbox"/>	90	1089	Device	▼
<input type="checkbox"/>	91	1090	Basic	▼
<input type="checkbox"/>	92	1091	Advanced	▼
<input type="checkbox"/>	93	1092	Power	▼
<input type="checkbox"/>	94	1093	Device	▼
<input type="checkbox"/>	95	1094	Device	▼

Step 2: PGM446

UCS Data

- Common Attributes(445)
- UCS Standard Client Login(446)**
- UCS Premium Client Login(446)
- UCS Standard Client

Please set DIP switch 3 to ON.

<input type="checkbox"/>	Index	Station Number (*)	Master Number	Member1 Number	Member2 Number	User ID (*)	User Password (*)	Name (*)
<input type="checkbox"/>	1	1001				1090	*****	1090
<input type="checkbox"/>	2	1091				1091	*****	1091
<input type="checkbox"/>	3							

Step 3: To use LIP and UC client together

Pick-Up Group(192)

- Personal Group Overview
- Personal Group(260)**
- Personal Group Attributes(261)

ISDN Line Data

SIP Data

Tablet Data

Master Station : 1009

Add/Delete Group Member

Station Range: - Add Del

Add Station Number: +

<input type="checkbox"/>	Station Number	Dly
<input type="checkbox"/>	1091	0

UC client (User of station can use 3 device PC, Mobile, Tablet with single)

Note: only a device could be used at a time

UCS P6

Power UC client configuration (Case 1: LIP master + 3 UCS client)

- Step 1: License management

<input type="checkbox"/>	2	1001	Device
<input type="checkbox"/>	3	1002	Power
<input type="checkbox"/>	4	1091	Advanced
<input type="checkbox"/>	5	1090 [M:1001 LIP-8012D]	Basic

- Step 2: PGM446

Please set DIP switch 3 to ON.

Index	Station Number (*)	Master Number	Member1 Number	Member2 Number	User ID (*)	User Password (*)	Name (*)	
<input type="checkbox"/>	1	1090			1090	*****	1090	
<input type="checkbox"/>	2	1091			1091	*****	1091	
<input type="checkbox"/>	3	1092	1002	1093	1094	CBH	*****	BHChoi
<input type="checkbox"/>	4							

Master station number

Station number of UC client

Personal group will be made automatically (master 1002, member: 1092, 1093, 1094)
Virtual 3 UCS client will be registered (1092, 1093, 1094)

- Step 3: UC client (User of station number 1002 can use 3 device PC, Mobile, Tablet with one user id CBH)



UCS desktop client



UCS Mobile client



UCS Tablet client

Note: 3 devices could be used at a time

UCS P6

Power UC client configuration (Case 2: UCS client == Master)

- Step 1: License management

User Base License	<input type="checkbox"/>	94	1007	Device	▼
Temp License Activation	<input type="checkbox"/>	95	1008	Device	▼
DECT Statistics Feature	<input type="checkbox"/>	96	1010	Device	▼
User Greeting	<input type="checkbox"/>	97	1096	Device	▼
	<input type="checkbox"/>	98	1097	Power	▼

- Step 2: PGM446

Common Attributes(445)	<input type="checkbox"/>	4	1095				1095	*****	1095
UCS Standard Client Login(446)	<input type="checkbox"/>	5	1097	1097	1098	1099	CBH2	*****	BHChoi2
	<input type="checkbox"/>	6							

Master station number

Station number of UC client

Personal group will be made automatically (master 1097, member: 1098, 1099)
Virtual 3 UCS client will be registered (1097, 1098, 1099)

Power UC client in UC Server (Case 2: UCS client == Master)

The screenshot shows the 'Shared Directory' interface. On the left, a navigation menu includes 'Administration' and 'Directory', with 'Shared Directory' selected. The main area displays a search for 'UCS User' with station number '1097'. Below the search bar is a table with the following data:

Name	Station Number	Office Department	Position	User ID	VN Code	Site Name	Log in Type	License Type
1097	1097	UC		1097	61	양중현수석UCP	Multi Login	Power

Members(1098, 1099) are not transferred to UC Server. UC Server knew only Master number 1097. UC Server can show the Log in type(Multi Login or Single Login) and License type(Power or Device).

- Step 3: UC client (User of station number 1097 can use 3 device PC, Mobile, Tablet)



Note: 3 devices could be used at a time

Power UC client check list in PGM 446

Test Item	Normal Operation	vUCP	UCP	eMG80/800
PGM446	Master number should have Power License	O.K	O.K	O.K
	Even though Station number is different from Master number and the Master number is LIP phone, Master number should have Power License.	O.K	O.K	O.K
	Station number(is used for PC) != Master number(Not UC Client)	O.K	O.K	O.K
	Master Number can be LIP or DKT or SLT or SIP.	O.K	O.K	O.K

Test Item	Normal Operation	vUCP	UCP	eMG80/800
PGM446	Station number == Master number : This is Representative number	O.K	O.K	O.K
	Member 1 is used for Mobile Phone	O.K	O.K	O.K
	Member 2 is used for Tablet	O.K	O.K	O.K
	User can multi-log in using one user ID simultaneously as PC, Mobile and Tablet.	O.K	O.K	O.K

Power UC client check list in PGM 443

PGM 443

<input checked="" type="checkbox"/>	Index	Registered Number	Device Type	ID	Password	Zone	Desired Number	Nation Code	Language	Linked	Version
<input checked="" type="checkbox"/>	1	174	UCS-Client	uc174	uc174	1	174	CIS	▼ Russian ▼	M	T6.0.3
<input checked="" type="checkbox"/>	2	175	UCS-Client	_L1_uc174	uc174	1	175	CIS	▼ Russian ▼	M	T6.0.6
<input checked="" type="checkbox"/>	3	176	UCS-Client	_L2_uc174	uc174	1	176	CIS	▼ Russian ▼	M	T6.0.6
<input checked="" type="checkbox"/>	4	180	UCS-Client	uc180	uc180	1	180	CIS	▼ Russian ▼	M	T6.0.5
<input checked="" type="checkbox"/>	5	181	UCS-Client	_L1_uc180	uc180	1	181	CIS	▼ Russian ▼	M	T6.0.5
<input checked="" type="checkbox"/>	6	182	UCS-Client	_L2_uc180	uc180	1	182	CIS	▼ Russian ▼	M	T6.0.5
<input checked="" type="checkbox"/>	7	132	UCS-Client	uc132	uc132	1	132	CIS	▼ Russian ▼	M	..
<input checked="" type="checkbox"/>	8	135	UCS-Client	uc135	uc135	1	135	CIS	▼ Russian ▼	M	T6.0.3
<input checked="" type="checkbox"/>	9	136	UCS-Client	_L1_uc135	uc135	1	136	CIS	▼ Russian ▼	M	T6.0.6
<input checked="" type="checkbox"/>	10	137	UCS-Client	_L2_uc135	uc135	+	137	CIS	▼ Russian ▼	M	T6.0.3

Test Item	Normal Operation	vUCP	UCP	eMG80/800
PGM446	User ID uc174 is created. And _L1_XXXXXXX and _L2_XXXXXXX are created automatically for Mobile and Tablet.	O.K	O.K	O.K
	They are deleted automatically if the Multi log in account is deleted in PGM 446.	O.K	O.K	O.K
	We recommend that you don't program it.			

Power UC client check list in Personal Group

PGM 260/261

The screenshot displays two screenshots of the UCS P6 interface. The left screenshot shows the 'Personal Group Overview' screen with a table of group data:

Group Number	Master Station	Member List	Action
1	174	175(0) 176(0)	Go to Assignment
2	180	181(0) 182(0)	Go to Assignment
3	135	136(0) 137(0)	Go to Assignment
4	138	139(0) 140(0)	Go to Assignment
5	144	145(0) 146(0)	Go to Assignment
6	150	151(0) 152(0)	Go to Assignment
7	165	166(0) 167(0)	Go to Assignment

The right screenshot shows the 'Personal Group Attributes' screen for Personal Group Number 1, with a table of attributes:

Order	Attribute	Value
1	Wake-Up	Overall
2	Call-Forward	Overall
3	Do-Not-Disturb	Overall
4	Linked Pair Mode	ON (Cover Ring and State Sync.)

Test Item	Normal Operation	vUCP	UCP	eMG80/800
PGM446	Personal Group(Master 174) is created automatically when multi-log-in create.	O.K	O.K	O.K
	The Linked Pair Mode is set ON in case multi log in.	O.K	O.K	O.K
	We recommend that you don't program it.			

Delete user base UC client

- Step 1: Delete user account in PGM 446

H.323 Routing Table

T-NET Data

Zone Data

Device Login

UCS Data

Common Attributes(445)

UCS Standard Client Login(446)

UCS Client Index 1-100

(*) : Required Input Item

Please set DIP switch 3 to ON.

<input type="checkbox"/>	Index	Station Number (*)	Master Number	Member1 Number	Member2 Number	User ID (*)	User Password (*)	Name (*)	Office Phone	Cellular Phone	Hon
<input type="checkbox"/>	1	1090	1001			1090	*****	1090			
<input checked="" type="checkbox"/>	2	1091				1091	*****	1091			
<input type="checkbox"/>	3	1092	1002	1093	1094	CBH	*****	BHChoi			
<input type="checkbox"/>	4										

Delete

- Step 2: Delete user base license

License Upload

Gateway License

User Base License

Temp License Activation

DECT Statistics Feature

<input type="checkbox"/>	Index	Station Number	License Type
<input type="checkbox"/>	2	1001	Device
<input type="checkbox"/>	3	1002	Power
<input checked="" type="checkbox"/>	4	1091	Advanced
<input type="checkbox"/>	5	1090 [M:1001 LIP-8012D]	Device
<input type="checkbox"/>	6	1005	Basic

Change → Device

Check list for delete user base UC client

- In Standard

Test Item	Normal Operation	vUCP	UCP	eMG80/800
PGM446	Check the user and press the delete button.	O.K	O.K	O.K
	You can check the PGM443/260. There is no user ID and Personal Group.	O.K	O.K	O.K

- in Premium

Test Item	Normal Operation	vUCP	UCP	eMG80/800
PGM446	Check the Confirmation from UCS Server	O.K	O.K	O.K
	If Station number already register as phone user in UCS server, you cannot register in PGM 446.(error message as red color)	O.K	O.K	O.K
	If the user is logged in, you cannot delete it.	O.K	O.K	O.K

Basic UC client configuration



- Make Basic UC client(1099) with call control (to station 1000)
- LIP station number 1000

Advance UC client configuration for single login



- Make Advance UC client license (1098) and make personal group with 1001
 - LIP station number 1001
 - UC station number 1098

Power UC client configuration (Case 1: LIP master + 3 UCS client)



- Make Power UC client license
 - LIP station number 1002 (master station)
 - UC station number 1097, 1096, 1095

Power UC client configuration (Case 2: UCS client == Master)

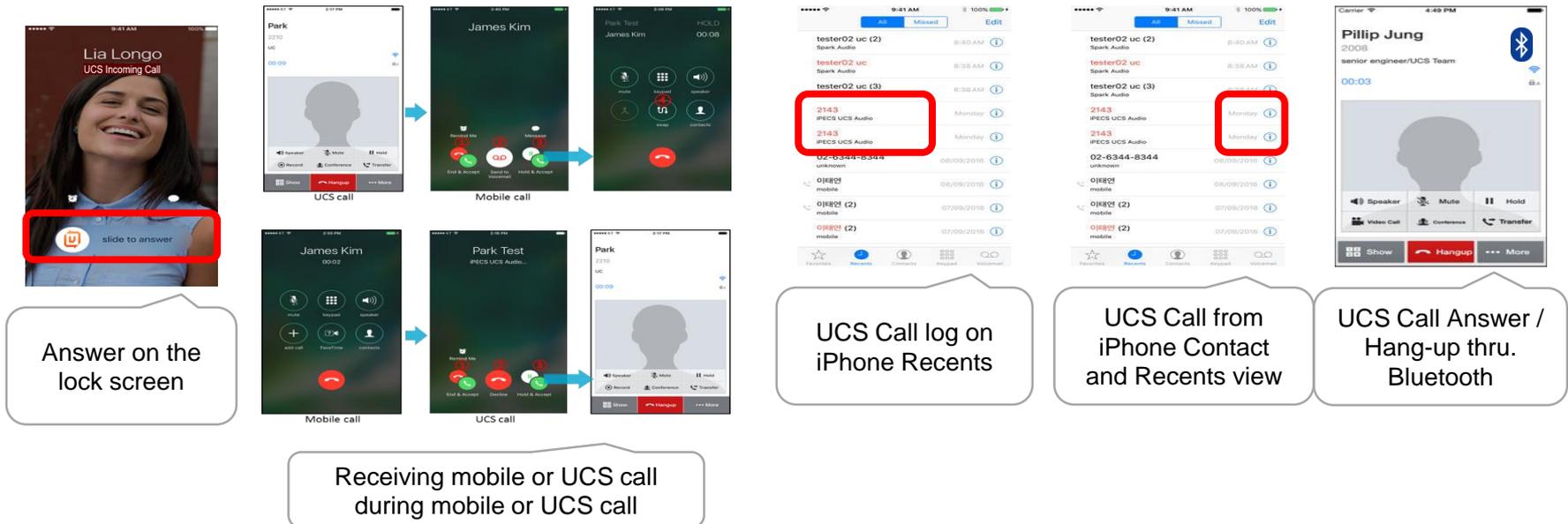


- Make Power UC client license
 - UC station number 1094, 1093, 1092 (master UC client : 1094)

UCS P6

iOS Call Kit (iOS 10 ~)

- Tight integration with the native Phone UI using iOS Call Kit
 - Answering incoming UCS Call on the lock screen
 - Making UCS call from the native Phone app's contacts, favorites and recent
 - Interacting with Bluetooth



* Mobile call may be terminated depending on the carrier's hold feature switching from UCS call to mobile call by pressing "Hold & Accept" key.

UCS P6

iOS Call Kit (iOS 10 ~)

Before applying Callkit

iPhone 6, 6+ or previous model

iPhone 6S, 6S+
iPhone 7, 7+
or After that model

Step 1:

Ringing



Sliding

Step 2:

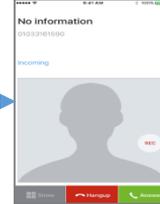
Enter Password



Input Password

Step 3:

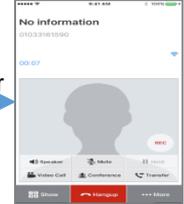
UCS Client Screen



Press Answer

Step 4:

Starting Conversation



Ringing



Force click

Answer / Hangup

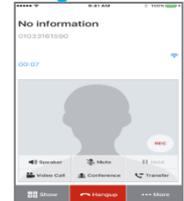


Press Answer



Input Password

Starting Conversation



After applying Callkit

iPhone 5, 5S
iPhone 6, 6+, 6S, 6S+
iPhone 7, 7+

Ringing



Sliding

Starting Conversation



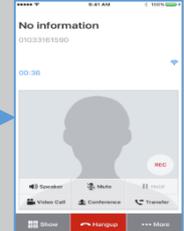
Click UCS

Enter Password



Input Password

UCS Client Screen

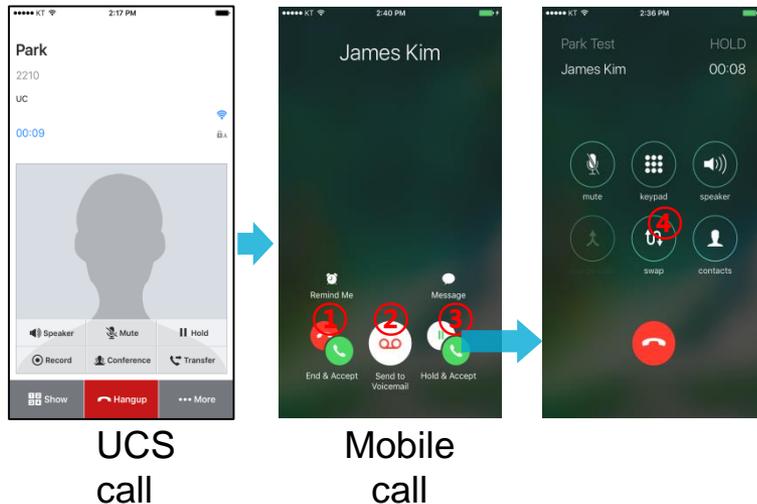


Optional steps only for UCS additional features

iOS Call Kit (iOS 10 ~)

Receiving mobile call during UCS call

- UCS voice call is not muted using iOS Callkit even if you receive a mobile call during a UCS call.
- Support selective actions with iOS Callkit for another incoming mobile call during a UCS call.



- 1) End & Accept
End UCS call and Accept mobile call
- 2) Send to Voicemail
Keep UCS call and request mobile call sending to voicemail on carrier
→ Mobile call may be terminated depending on the carrier's voicemail support.
- 3) Hold & Accept
Hold UCS call and Accept mobile call
- 4) Swap
Back to UCS call after ending mobile call

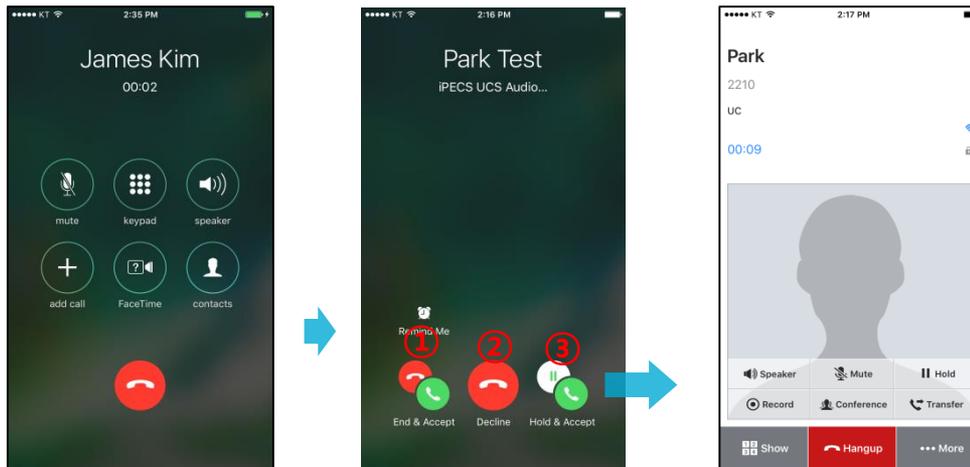
※ Mobile Native UI and functionality with iOS CallKit may be supported differently depending on iOS version or call features of mobile carrier.

UCS P6

iOS Call Kit (iOS 10 ~)

Receiving UCS call during mobile call

- Support selective actions with iOS CallKit for another incoming UCS call during a mobile call.



Mobile call

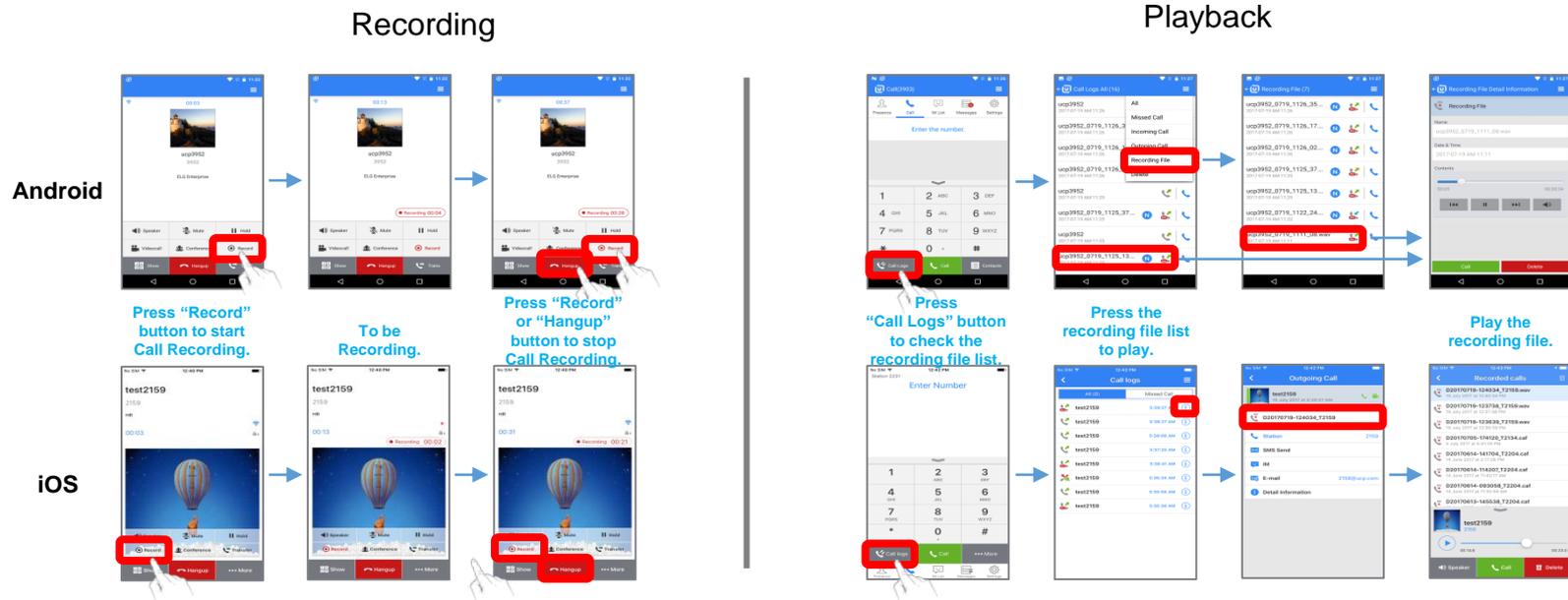
UCS call

- 1) End & Accept
End mobile call and Accept UCS call
- 2) Decline
Keep mobile call and decline UCS call
- 3) Hold & Accept
End mobile call and Accept UCS call
→ Mobile call may be terminated depending on the carrier's hold feature support

※ Mobile Native UI and functionality with iOS CallKit may be supported differently depending on iOS version or call features of mobile carrier.

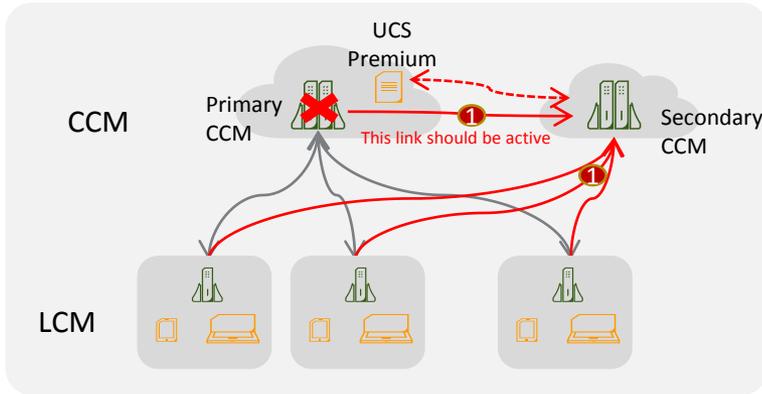
Call Recording on UCS Mobile without using MCIM

- Support on-demand call recording on UCS Mobile – Easy record and playback
- Not use system MCIM resource

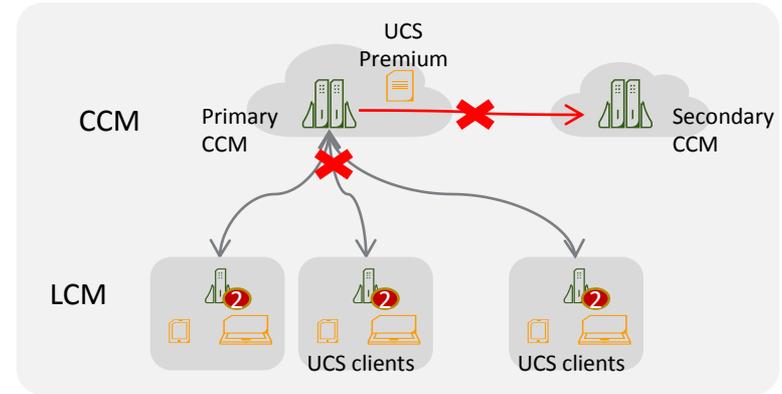


UCS premium client failover support in System Geo redundancy/TNET

- Failover to CCM



- Failover to LCM



- UCS Premium client can't be connected to the associated LCM system, So It is working as an UCS Standard client.

Station Data	
Station Type(110)	
Common Attributes(111)	
Terminal Attributes(112)	
CLI Attributes(113)	
Flexible Buttons(115/129)	
Station COS(116)	
CO/IP Group Access(117)	
Internal Page Zone Overview	
Internal Page Zone(118)	

33	<input checked="" type="checkbox"/>	SIP USER TABLE INDEX 2	0	0-2400
34	<input checked="" type="checkbox"/>	SIP USER TABLE INDEX 3	0	0-2400
35	<input checked="" type="checkbox"/>	Station Web Language	English	
36	<input checked="" type="checkbox"/>	Lift Handset For Page	ON	
37	<input checked="" type="checkbox"/>	Privacy	OFF	
38	<input checked="" type="checkbox"/>	Collect call block	OFF	
39	<input checked="" type="checkbox"/>	DSS LED service	ON	
40	<input checked="" type="checkbox"/>	Stop Emergency page announcement	By calling party	
41	<input checked="" type="checkbox"/>	Send LM IP to UC client	2	1-100
42	<input checked="" type="checkbox"/>	Medial option	Audio only	

LM ID number

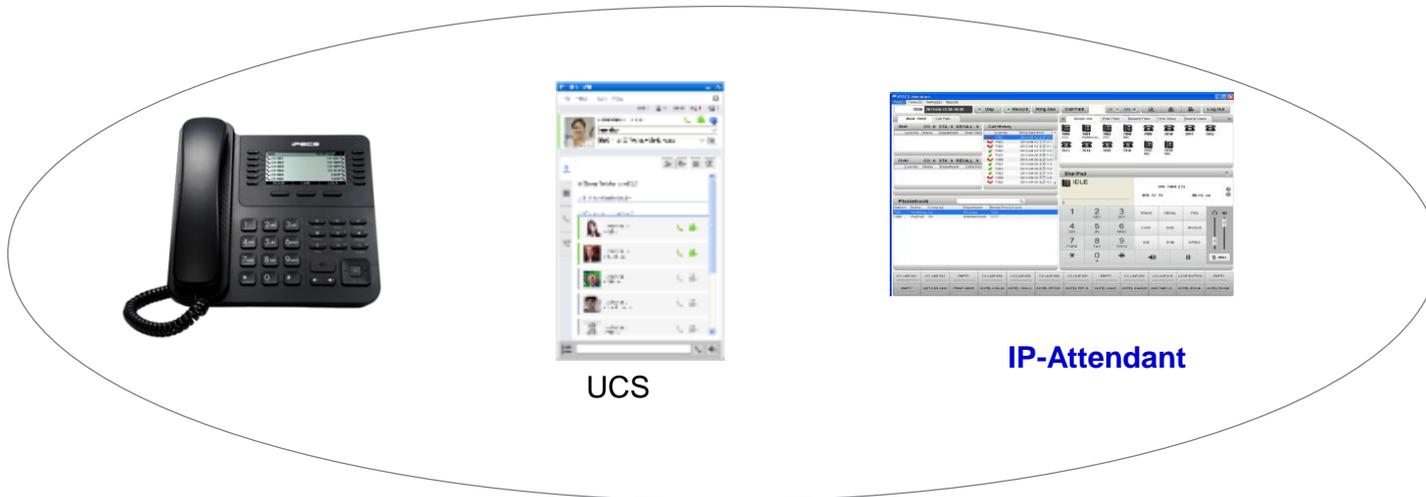
Hotel

IP ATD 2.4

IP ATD AT version will be released on OCT 2017

- Call log sync
- Personal group (IP ATD can be a member of personal group)
- Any digit on flexible button
- Call record e-mail report using phone book information
- Import speed dial to phone book

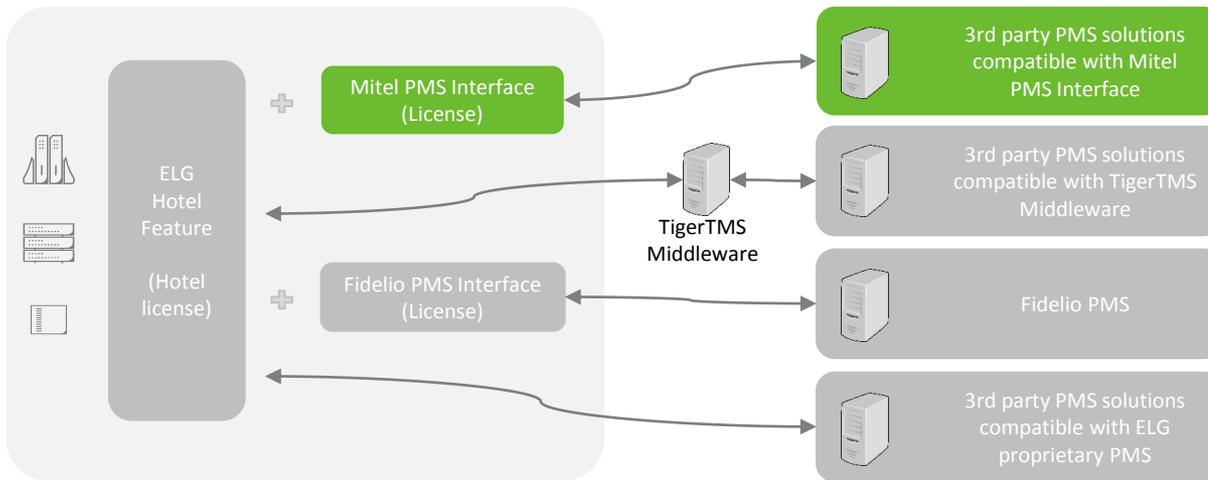
Personal Group (One number)



Hotel

Mitel PMS Interface Support

- Widening the hotel solutions by supporting **Mitel PMS Interface** for hundreds of local PMS solutions compatible with Mitel PMS interface.
- **Linear pricing with 50 guest room base license** for different size of hotels.



UCP/eMG to PMS	PMS to UCP/eMG
Maid Status	Are You There
Message Registration	Check In/Check Out
Message Waiting on/off	Message Waiting on/off
Alert for credit limit notify	Wake-Up time
Request to Initialize	Credit Limit
	Station Restriction
	Name
	Name Transfer
	Affiliation
	Location
	Language
	DND
	General Reset
	Suite Messages*
* Not supported in Unified v3	VIP Status*

Hotel

Mitel PMS configuration

To use Mitel PMS

- Enable Mitel PMS Usage
- Set Mitel PMS Server IP address

18	Mitel PMS Usage	ON ▾
19	Mitel PMS Address	
20	Mitel PMS Support AYT	OFF ▾
21	Mitel SMDR Usage	OFF ▾
22	Mitel SMDR Address	

If a client has Mitel SMDR Server :

- Enable Mitel SMDR Usage
- Set Mitel SMDR server IP address

18	Mitel PMS Usage	ON ▾
19	Mitel PMS Address	
20	Mitel PMS Support AYT	OFF ▾
21	Mitel SMDR Usage	OFF ▾
22	Mitel SMDR Address	

※ Unified System only support default port for Mitel PMS (PMS Port : TCP 15374, SMDR Port : TCP 1752)

Hotel

Mitel PMS configuration

If Mitel PMS Server supports AYT Message feature :

- Enable Mitel PMS Support AYT



The screenshot shows a configuration interface with a left sidebar and a main table. The sidebar has a 'Hotel Data' dropdown menu with 'HOTEL Attributes(300)' selected. The main table contains the following rows:

18	Mitel PMS Usage	ON ▾
19	Mitel PMS Address	<input type="text"/>
20	Mitel PMS Support AYT	OFF ▾
21	Mitel SMDR Usage	OFF ▾
22	Mitel SMDR Address	<input type="text"/>

※ AYT means “Are You There”

Hotel

Mitel PMS License

- Mitel PMS interface license is counted by number of room

License name : xxxxx-3PMS50

Hotel room type can be registered up to the specified number from this license when a client uses Mitel PMS feature.

If a client enable Mitel PMS feature when hotel room number is exceed, the system will ring alarm for warning and can't use Mitel PMS.

Example) To use 170 room, 4 xxxxx-3PMS50 is need.

(This license is used based on number of room)

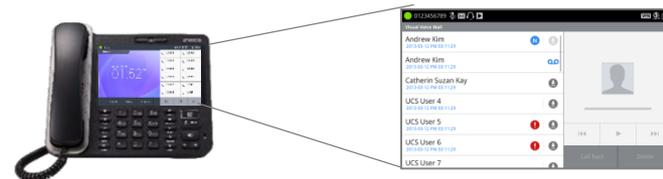
LIP/LDP UX enhancement

Overview

Category	Enhancement Summary	LDP-9200	LIP-9000	LIP-9071	UCS	IP-ATD
Speed dial	Reduce steps to search / Improve terminology	Y	Y	Y	Y	Y
Message – Normal	Reduce steps to access / Improve terminology	Y	Y	Y	Y	Y
Message for LIP-9071	Support visual voicemail	-	-	Y	Supported	-
Call log	Support sync for multiple devices for a user	Y	Y	Y	Y	Y
Missed call	Support sync for multiple devices for a user	Y	Y	Y	Y	Y
Menu / PGM access control	Access control option on Menu / PGM	Y	Y	Y	Y	Y
Additional caller name display	Extend caller name display for pick-up/forward	Y	Y	Y	Y	Y
Terminology improve	Improve terminology	Y	Y	Y	Y	Y
Directory	Reduce steps to search / Improve terminology	Y	Y	Y	supported	supported



Simplify UI and Improve Terminology

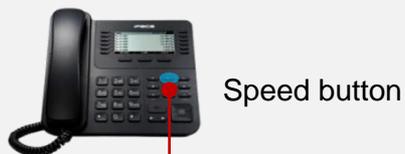


Visual Voicemail

LIP/LDP UX enhancement

Speed Dial : LDP-9200, LIP-9000

Current



ICON 1010 05:30 pm 1
SPD_NO LAST(*) SAVE(#)
DIAL_BY_NAME(SPEED)
SPD

ICON 1010 05:30 pm 1
1.PRIVATE DIRECTORY
2.PUBLIC DIRECTORY
3.VIEW STATION NAME
4.LDAP SEARCH
SELECT (1 - 5)
BACK OK

New

• Improved Terminology

Models with soft keys



Dial Speed number or
Dial * for Redial
LIST

Models without soft keys



1.Internal Station
2.Personal Directory
3.System Directory
Select a number (1~3)
BACK OK

LIP/LDP UX enhancement

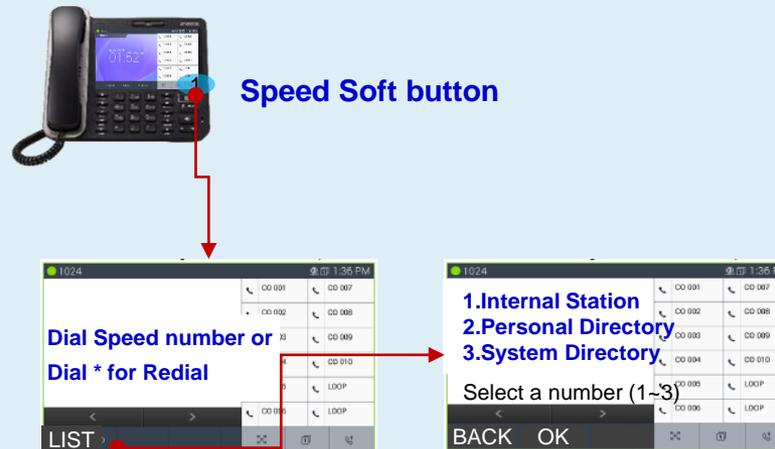
Speed Dial : LIP-9071

Current



New

- Improved Terminology



LIP/LDP UX enhancement

Message : LDP-9200, LIP-9000

Current

MSG button

1) When there are multiple types of messages

2) When there are only voice mail messages
→ directly go to VM mailbox
* Need to set default VM in advance for this.

ICM 1010 09:30 pm

1. ICM MMR(02)

2. CLI MSG(01)

3. VSF MSG(03)

4. VMS MSG(01)

SELECT (1-4)

BACK OK

ICM 1010 09:30 pm

5. UMS MSG(01)

6. SMS(04)

SELECT (1-6)

BACK OK

BACK OK

Voice mail Prompt

New

- Improved Terminology for messages
 - Internal Call Back, External Missed Call, Voice Mail, SMS
- Simplified Voice mail UI for users
 - Need select "Message wait button" (PGM112)
 - Need to set "Default VM group number" (PGM127)

MSG button

2) Voice mail and default VM group is assigned

1. Internal Call Back

2. Missed Call

3. Voice Mail

4. SMS

Select a number (1~2)

BACK OK

1) Default (All messages)

- Directly go to voicemail when there is only voice mail

BACK OK

- Playing voicemail prompts

Station Data

- Station Type(110)
- Common Attributes(111)
- Terminal Attributes(112)**
- CLI Attributes(113)
- Flexible Buttons(115/129)
- Station VM Attributes (127)**
- Station Personal CCR(128)

23	<input checked="" type="checkbox"/>	UCS MOBILE DIAL USE(ANDROID's)	OFF
24	<input checked="" type="checkbox"/>	Message Wait Button	
25	<input checked="" type="checkbox"/>	PGM button	
26	<input checked="" type="checkbox"/>	MENU button	
1	<input checked="" type="checkbox"/>	Data Security	
5	<input checked="" type="checkbox"/>	Pre-Sel Msg Language	Prompt1
6	<input checked="" type="checkbox"/>	Default VM group number	*402

All Message

All Message

Voice Mail

Missed Call

SMS

ICM Call Back

LIP/LDP UX enhancement

Message wait:



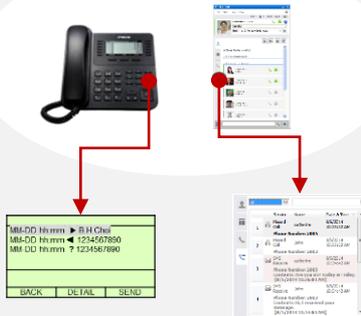
- Only use VSF_VM group (*401)

LIP/LDP UX enhancement

Call log : UCS/IP-ATD/9071

Current

Personal Group

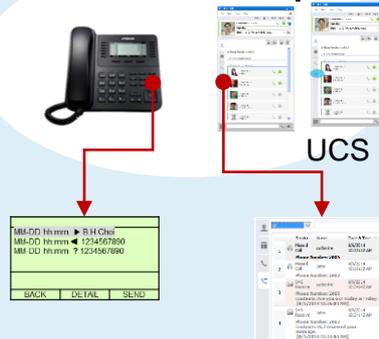


- **Call log is not fully synced with LIP-9071/UCS/IP-ATD**
 - Answer by one client. This call is left for other client as "missed"
 - Delete by one client. Other clients keeps that log
 - No call log is left for UCS clients for a log-out period.

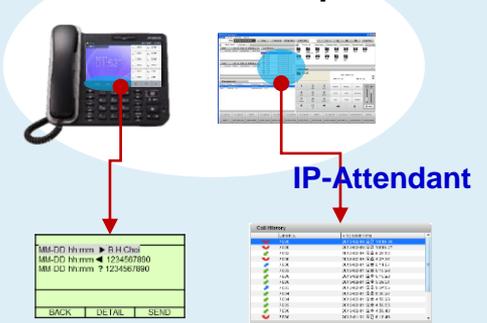
New

- **Full call log sync support : set the linked pair option "on" in personal group**
 - **Answered** by one client → Answered for all other clients
 - **Deleted** by one client → Deleted by all other clients
 - **Missed** call log support for a log-out period (UCS, Attendant)

Personal Group



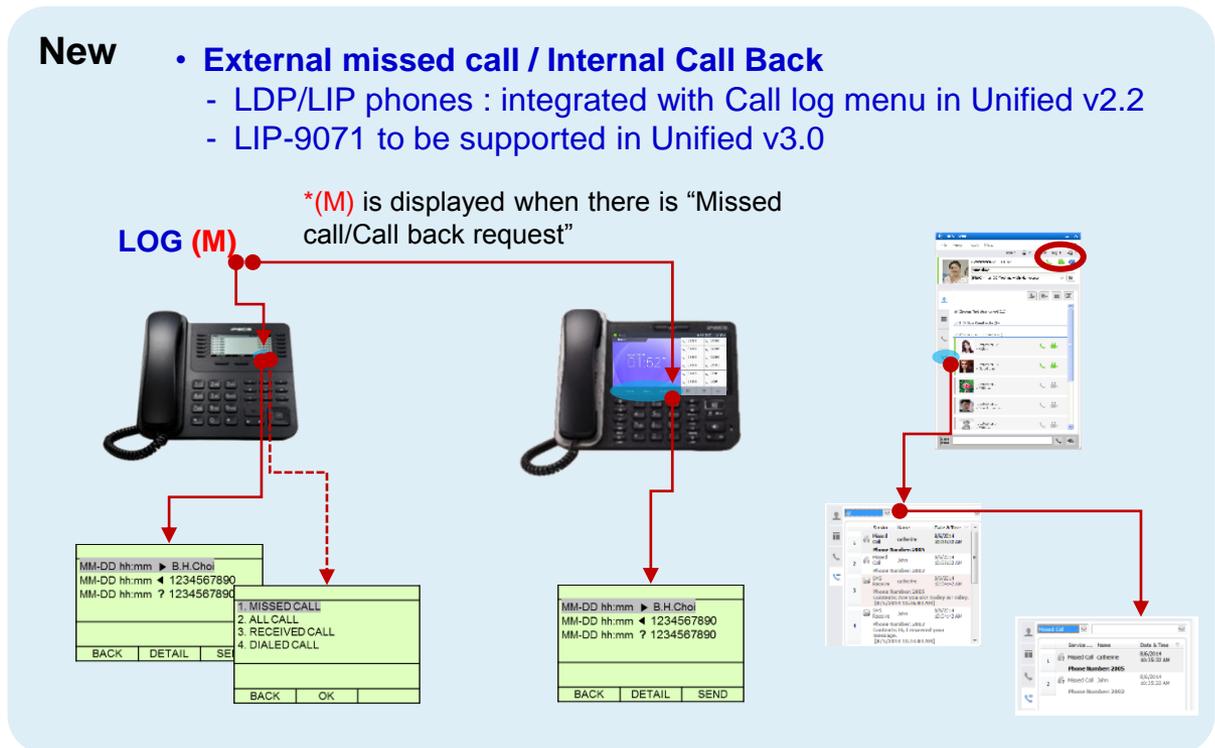
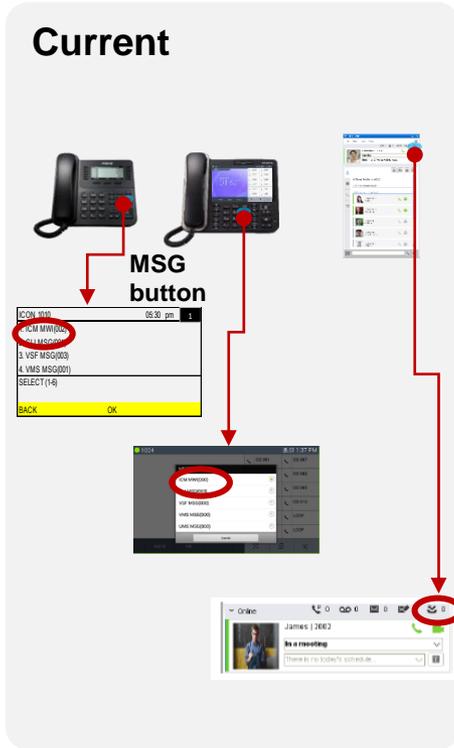
Personal Group



* IP-Attendant can be a member of personal group in Unified P3

LIP/LDP UX enhancement

Missed Call / Call Back Indication : LDP-9200/LIP-9000/LIP-9071



LIP/LDP UX enhancement

Access Control Option to PGM/MENU

Current



New

Add an access control option to PGM/MENU in PGM112 (PGM button / MENU button)

PGM/MENU button
On / Off control



Station Data

Station Type(110)

Common Attributes(111)

Terminal Attributes(112)

22	<input type="checkbox"/>	UCS DIALING ROLE USE	ON
23	<input checked="" type="checkbox"/>	UCS MOBILE DIAL USE(ANDROID's)	OFF
24	<input checked="" type="checkbox"/>	Message Wait Button	All Message
25	<input checked="" type="checkbox"/>	PGM button	Enable
26	<input checked="" type="checkbox"/>	MENU button	Enable

LIP/LDP UX enhancement

Additional Caller name display

- Display the original CLI name for picked-up call
- Additionally, display the call forwarder's name for forwarded call
- Voicemail to email - internal name is displayed

Additional Caller name display

Current	Changed to
<ul style="list-style-type: none">• ICM MWI• CLI MSG• VSF• Private directory• Public directory• View station name• MWI	<ul style="list-style-type: none">• Internal Call Back• Missed Call• Voice Mail• Personal Directory• System Directory• Internal Station• Message Wait or (MSG Wait)

LIP/LDP UX enhancement

Soft button for LIP-9071

Changed to **“DIR”**

Changed to **“LOG”**



- 9071 recognizes system software version and provide proper soft menu based on the connected system software version.

LIP/LDP UX enhancement

Directory : LDP-9200, LIP-9000

Current



Directory
button

ICON 1010	05:30 pm	1
1.PRIVATE DIRECTORY		
2.PUBLIC DIRECTORY		
3.VIEW STATION NAME		
4.LDAP SEARCH		
SELECT (1-5)		
BACK	OK	

New

- Single step to search for users
- Improved terminology

** It will search both LDAP and system directories*



Directory
button

[Input field]		
Ex: PRESS 2 and 1 for "A" ENTER NAME (3-10) CHARACTERS		
BACK	SEARCH	DELETE

1) If there are matched names

[Input field]		
1.ABC 9123456789		
2.ABCD 1000		
3.ABCDE 92345678		
Select name or press OK		
BACK	OK	DETAIL

2) If there is no match

No match. Try again.		
[Input field]		
Enter name (3 letters) (i.e. press 2 and 1 for "A")		
BACK	SEARCH	DELETE

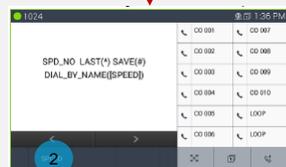
LIP/LDP UX enhancement

Directory : LIP-9071

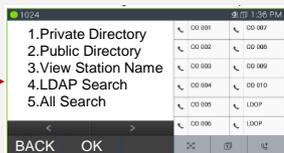
Current



Speed soft button



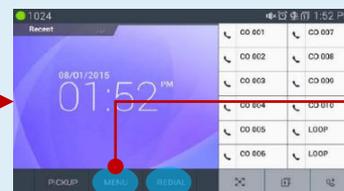
Speed soft button



New

- Added "DIR" soft button
- Single step to search for users
- Improved terminology

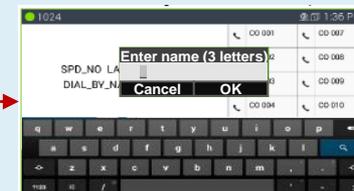
** It will search both LDAP and system directories*



DIR LOG

MENU

REDIAL



LIP/LDP UX enhancement

Directory



- Make a station name
- Make a station speed name
- Make a system speed name
- Search name xxx

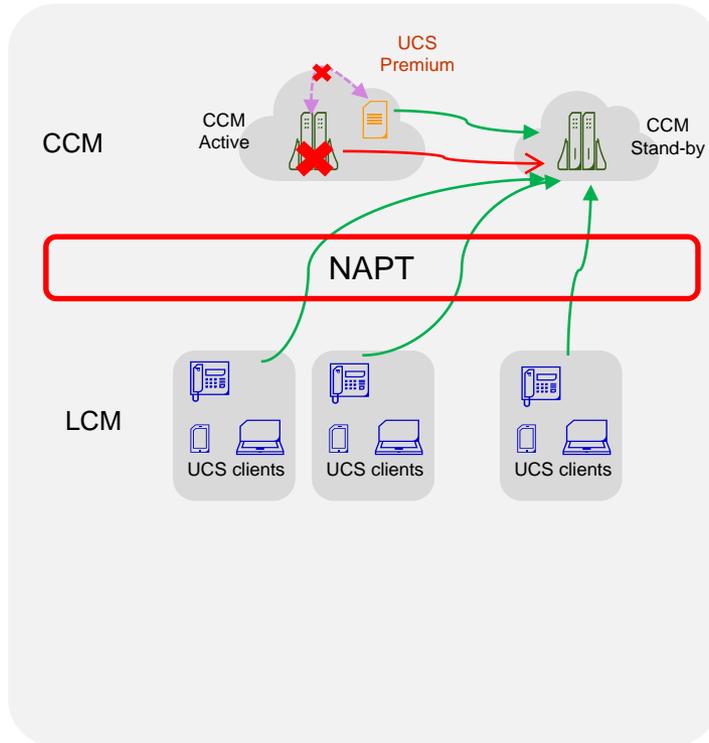
LIP-9000

Remote phone automatic failover

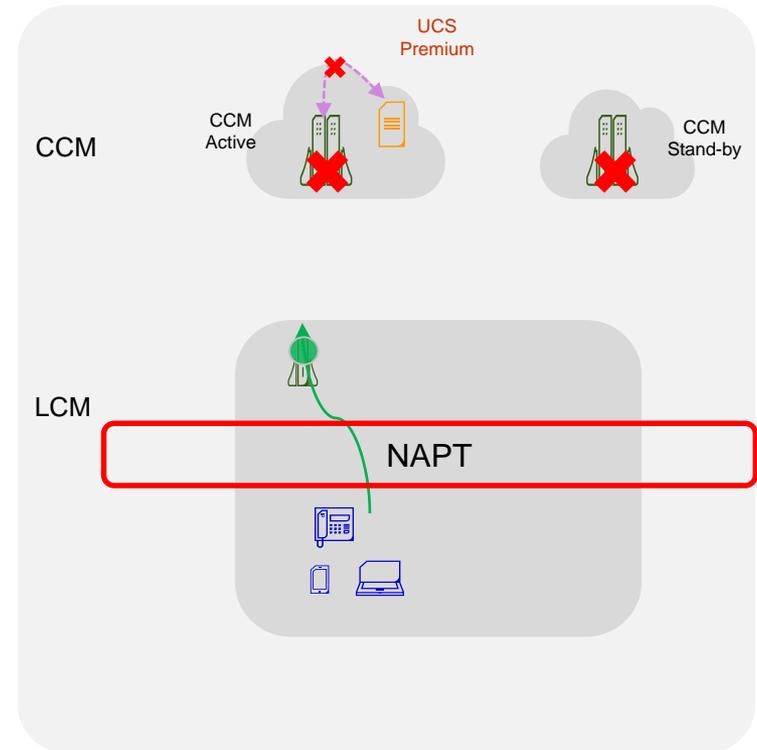
- LIP-9000 terminals from Unified v3.0**

**Need LIP-9000 F/W upgrade to use this feature*

(LIP-90xx: A.2Ac, 9040C: A.1Ac, 9071: 1.0.172 A.Bt)



Fail over to CCM

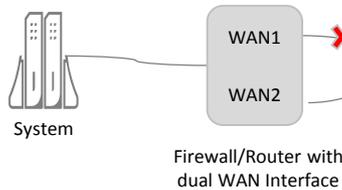


Fail over to LCM

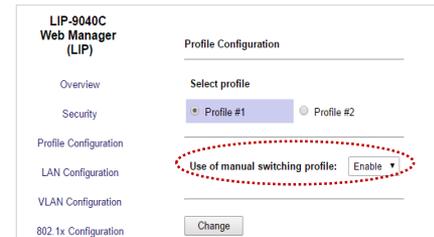
Manual profile switching by phone

- Manual profile switching
 - In dual WAN environments as described below, new LIP-9000 firmware supports profile switching to 2nd IP address when it's not connected to the primary IP address at any reason.
 - Users can do the manual profile switching with one press of button without inputting password.

• Easy profile switching to 2nd WAN by a user without opening password to users.



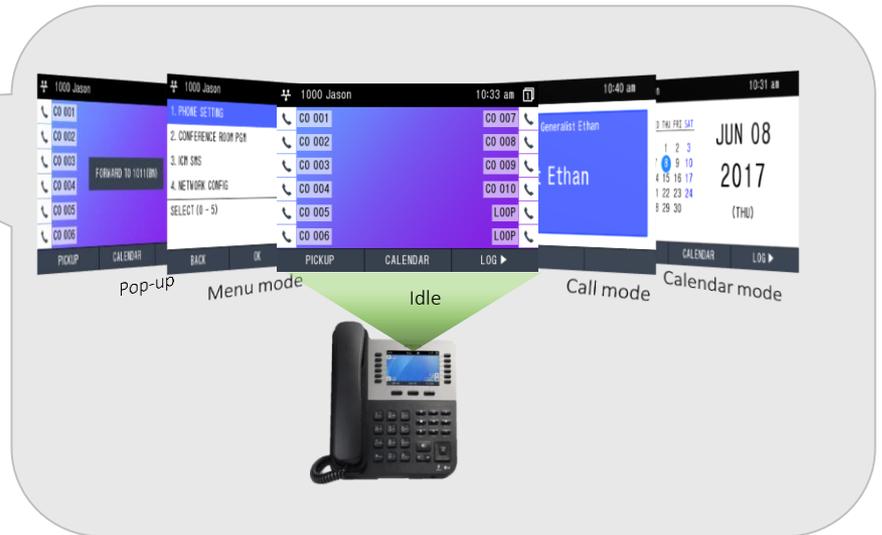
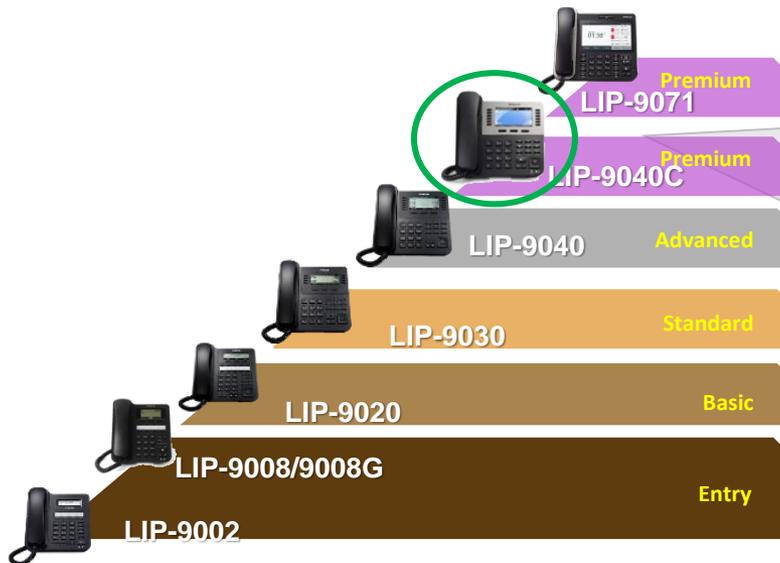
Preset is necessary from Web manager of LIP-9000



LIP-9000

LIP-9040C

- Gigabit IP Terminal with 4.3" color display



LIP-9000

LIP-9040C

Comparison

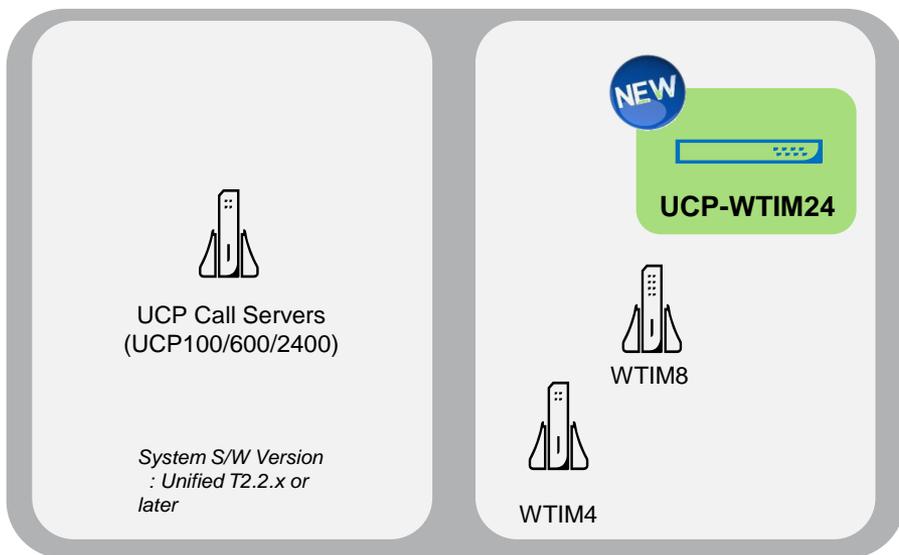
	LIP-9002	LIP-9008	LIP-9008G	LIP-9020	LIP-9030	LIP-9040	LIP-9040C	LIP-9071
								
LCD	128x32 graphic LCD	128x 64 graphic LCD	128x 64 graphic LCD	320x80 graphic LCD	320x112 graphic LCD	320x144 graphic LCD	4.3" TFT LCD(480x272)	7" TFT LCD (1280x720)
LCD Backlit	-	-	Y	Y	Y	Y	Y	Y
Programmable keys	4	8	8	10	8(up to 24)	12 (up to 36)	12 (up to 36)	48 (Virtual)
Gigabit	-	-	Y	Y	Y	Y	Y	Y
PoE	Y	Y	Y	Y	Y	Y	Y	Y
Headset port	Y	Y	Y	Y	Y	Y	Y	Y
HD Voice	HD handset	HD handset/speaker	HD handset/speaker	HD handset/speaker	HD handset/speaker	HD handset/speaker	HD handset/speaker	HD handset/speaker
Speaker phone	Half-duplex	Full-duplex	Full-duplex	Full-duplex	Full-duplex	Full-duplex	Full-duplex	Full-duplex
3way Conferencing	Y	Y	Y	Y	Y	Y	Y	Y
XML Browser	-	-	-	-	-	-	-	Y
Open VPN	Y	Y	Y	Y	Y	Y	Y	Y
SRTP/TLS/HTTPS	Y	Y	Y	Y	Y	Y	Y	Y
802.1x/EAP-MD5	Y	Y	Y	Y	Y	Y	Y	Y
Auto provision	TFTP/FTP	TFTP/FTP	TFTP/FTP	TFTP/FTP	TFTP/FTP	TFTP/FTP	TFTP/FTP	HTTPS/HTTP/FTP
Wideband codec	G.722	G.722	G.722	G.722	G.722	G.722	G.722	G.722
Narrowband codec	G.711/G.729AB	G.711/G.729AB	G.711/G.729AB	G.711/G.729AB	G.711/G.729AB	G.711/G.729AB	G.711/G.729AB	G.711/G.729AB
Options								
Expansion Module	-	-	-	12,24,48 DSS/24LSS	12,24,48 DSS/24LSS	12,24,48 DSS/24LSS	12,24,48 DSS/24LSS	12,24,48 DSS/24LSS
Bluetooth Module	-	-	-	Y (LIP-9000BTMU)	Y (LIP-9000BTMU)	Y (LIP-9000BTMU)	Y (LIP-9000BTMU)	3 rd USB BT dongle
EHS Adapter	-	Y	Y	Y	Y	Y	Y	3 rd EHS cable
Wall mounting bracket	Option	Option	Option	Option	Option	Option	Option	Option

DECT Enhancement

UCP-WTIM24

UCP-WTIM24 : new DECT controller(gateway) for large installations with reliable hand-over support

Fixed Part



System

DECT Controller
(Gateway)

Radio Fixed Part



Base Station

Portable Part



Handset

DECT Enhancement

UCP-WTIM24 (Overview)

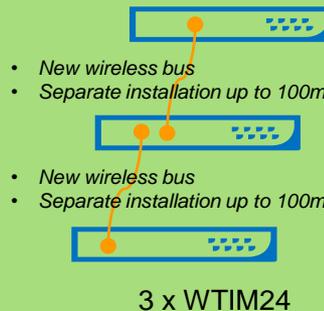
3 times Large coverage + Simpler deployment + Higher reliability



3 x WTIM4/8

- 24 bases with 3 x WTIM4/8
- Must be physically attached for handover channel cabling

WTIM4/8

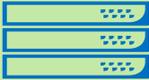


- 24 bases per WTIM24
- 72 bases with 3 x WTIM24 in a single zone deployment (In-call handover support)
- 255 bases in multi zone deployment (Idle roaming support between zone)
- Separate installation up to 100meters in a single zone for in-call handover cabling
- More reliable wireless bus for handover

UCP-WTIM24

DECT Enhancement

UCP-WTIM24 (Advantages)

	WTIM4/8	WTIM24
Form-factor		
Deployment scenarios - Single zone (in-call handover support) - Multi zones (idle roaming support) - Separate WTIM installation in a single zone - Idle roaming between WTIM4/8 and WTIM24	Y (up to 24 bases) Y (up to 255 bases) - -	Y (up to 72 bases) Y (up to 255 bases) Y (100m per WTIM) Y (3.0+)
Simultaneous calls - Per WTIM - Per zone (3 WTIMs) - Per base (600BE)	30 calls 90 calls 6 calls	48 calls 144 calls 6 calls
Max DECT handset registration	192	254
Supported bases	400B/600B/ 600BE	Only 600BE
Supported DECT handset *No GAP support	400H/450H/ 480H/500H	480H/500H
Nurse call integration (SIP) *Need pre-IOT	Y	Y
GDC-480H/500H handset monitoring	Y (3.0+)	Y (3.0+)
Supported system	iPECS UCP	iPECS UCP

Major Advantages

- Larger coverage with seamless in-call handover
- More flexible deployment
- Enhanced reliability and improve user experience
- Effective management with Remote upgrade

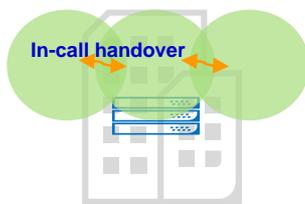
DECT Enhancement

UCP-WTIM24 (Deployments)

Support various deployment scenarios with optimized investment

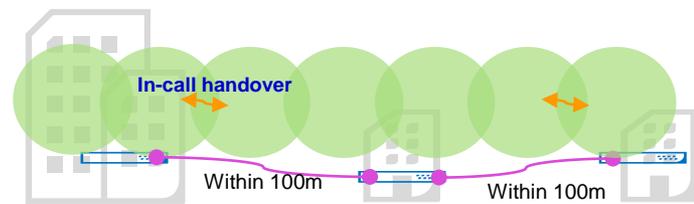
Single zone in a same location

: Full in-call handover support up to 72 bases

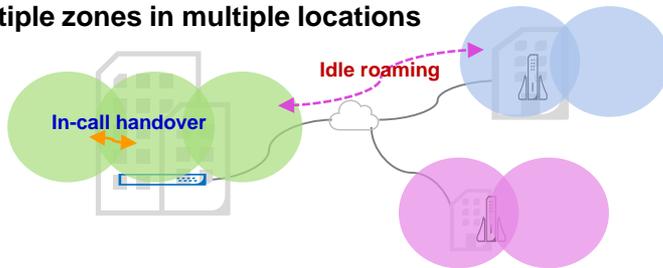


Single zone in a campus environment

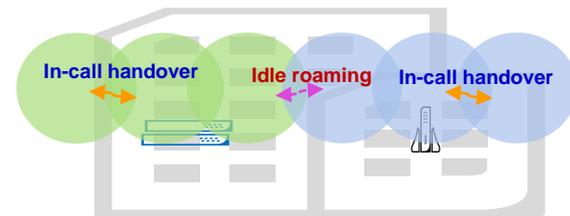
: Full in-call handover support with flexible deployment up to 72 bases



Multiple zones in multiple locations



Multiple zones in a same location



*WTIM4/8 and WTIM24 can't be deployed in the same zone.

DECT Enhancement

DECT (Handset monitoring – GDC-480/500 only, UCP only)

1. Menu

: DECT Data > DECT Registration

2. Status description

Status	Way to check	Explanation	Remark
Need to check	X	initial status after registration	
Cell in	Check button	locate in cell coverage	System side wait response from checked handset max. 8 seconds and no response means cell out
Cell out	Check button	1. locate out of cell coverage 2. turn off status 3. no channel status (ex. 6 handsets already busy and another one tried to check in only 1 cell coverage)	
Busy	Refresh button	On use status (System side already known so no need to check button)	

DECT Enhancement

DECT (Handset monitoring – GDC-480/500 only)

T-NET Data
Zone Data
Device Login
UCS Data
DECT Data ▼
DECT Registration(0#)
DECT Attributes(491)
DECT Multizone Support

DECT Registered Station				
Order	Station	Type	Status	Check for update status (Max 8 sec. needed)
1	1001	GDC-480/500H	Cell Out	<input type="button" value="Check"/>
2	1020	GDC-480/500H	Need to check	<input type="button" value="Check"/>
3	1021	GDC-480/500H	Need to check	<input type="button" value="Check"/>
4	1022	GDC-480/500H	Cell In	<input type="button" value="Check"/>
5	1023	GDC-480/500H	Cell Out	<input type="button" value="Check"/>
6	1024	GDC-480/500H	Need to check	<input type="button" value="Check"/>
7	1025	GDC-480/500H	Need to check	<input type="button" value="Check"/>
8	1026	GDC-480/500H	Need to check	<input type="button" value="Check"/>

DECT Enhancement

DECT multi zone

Networking Data

H.323 Routing Table

T-NET Data

Zone Data

Device Login

UCS Data

DECT Data

- DECT Registration(0#)
- DECT Attributes(491)
- DECT Multizone Support**

Hotel Data

Redundancy Data

Initialization

WTIM4/8 Multi Zone			
Zone	Master	Slave1	Slave2
0	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
1	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
2	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
3	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
4	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
5	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
6	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
7	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
8	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
9	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>

WTIM24 Multi Zone			
Zone	Master	Slave1	Slave2
0	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
1	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
2	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
3	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>

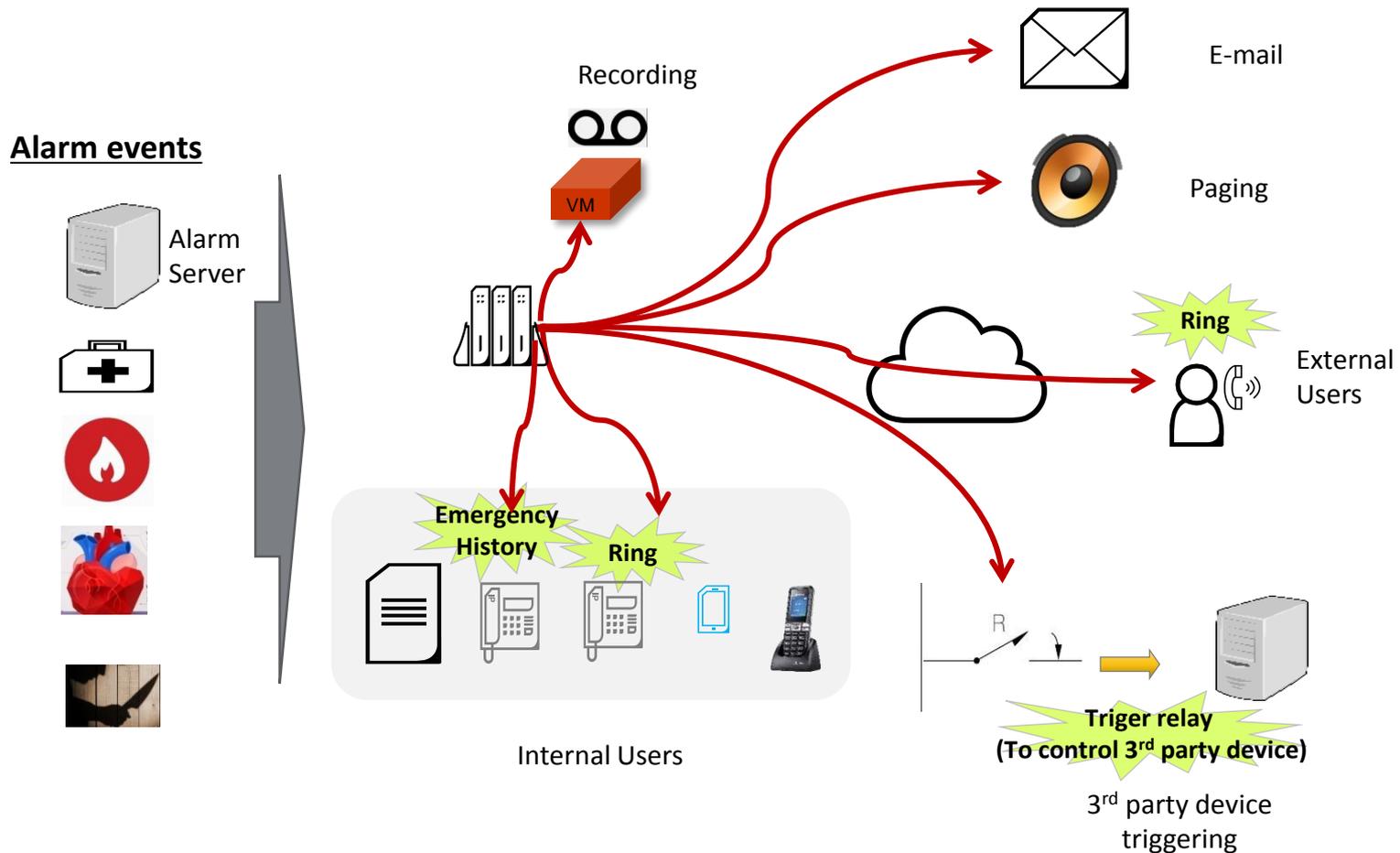
It is recommended to use one type of WTIM (WTIM 24 or WTIM 4/8)

If both are used in a site then zone number of WTIM 4/8 should be lower than zone number of WTIM 24. (maximum DECT phone number is 192 if WTIM is combined)

Maximum DECT phone number is 254 if only WTIM 24 are used in a site.

V3.0 Features

Emergency/alarm alert



V3.0 Features

Alarm - Internal Notification

- ❖ To stop(reset) alarm notification
 - On Internal extension
 - . Press {STOP} soft button during alarm or dial alarm reset code (example: “*565”)
 - . Press alarm coverage button
 - Dial ‘0’: For reset my alarm
 - Dial ‘1’: For reset all alarm
 - On External device
 - . Dial alarm reset code (example: “*565”)

Note) To reset alarm notification for bath alarm
The bath alarm extension should be on-hook.

V3.0 Features

Alarm - Internal Notification

- ❖ LCD display for alarm 1/2

Specific string could be displayed on internal notification for ALARM 1/2

- System Password(162)
- Alarm Attributes(163)**
- Alarm Notify Condition
- Alarm Trigger Relay
- Alarm External Destination
- Alarm Email Destination
- Alarm Paging Destination
- Attendant Assignment(164)

Order ↓ ^a	Attribute	Value
1	Alarm Enable	ON ▾
2	Alarm Contact Type	Close ▾
3	Alarm Mode	Alarm ▾
4	Alarm Signal Mode	Repeat ▾
5	Alarm 1 Display	<input type="text"/>
6	Alarm 2 Display	<input type="text"/>

Maximum 24 character could be assigned.

V3.0 Features

Alarm – Internal Notification

❖ Announcement

Alarm Attributes(163)

Alarm Notify Condition

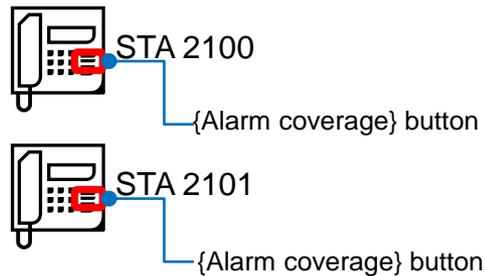
Note)
Red color means
Internal alarm notification
is provided with
announcement 1 for
emergency alarm

<input type="checkbox"/>	Order	Attribute	Internal Noti. Alarm Ring	Internal Noti. Annc.No (1-200)
<input checked="" type="checkbox"/>	1	Alarm 1 Display	ON ▼ 1	1
<input type="checkbox"/>	2	Alarm 2 Display	ON ▼ 0	0
<input checked="" type="checkbox"/>	3	Emergency Call	ON ▼ 1	1
<input type="checkbox"/>	4	Bath Alarm	ON ▼ 0	0
<input type="checkbox"/>	5	DCOB Fault	ON ▼ 0	0
<input type="checkbox"/>	6	SIP Registration Fault	OFF ▼ 0	0
<input type="checkbox"/>	7	Station Capacity Full	ON ▼ 0	0
<input type="checkbox"/>	8	CO Capacity Full	ON ▼ 0	0
<input type="checkbox"/>	9	SMDR Full	ON ▼ 0	0
<input type="checkbox"/>	10	VM Memory Full	ON ▼ 0	0
<input type="checkbox"/>	11	WTIM Base Fault	ON ▼ 0	0
<input type="checkbox"/>	12	WTIM Chain Fault	ON ▼ 0	0
<input type="checkbox"/>	13	I SMDR Full	ON ▼ 0	0
<input type="checkbox"/>	14	Cabinet Fault	ON ▼ 0	0
<input type="checkbox"/>	15	Bar Full	ON ▼ 0	0
<input type="checkbox"/>	16	IPCR Fault	ON ▼ 0	0
<input type="checkbox"/>	17	IP Watch Fault	ON ▼ 0	0
<input type="checkbox"/>	18	Temp activation of licenses Expiry	ON ▼ 0	0
<input type="checkbox"/>	19	Maintenance Expire	OFF ▼ 0	0
<input type="checkbox"/>	20	Registration exceed license	ON ▼ 0	0

V3.0 Features

Alarm – Internal Notification

- ❖ Alarm coverage button for Internal notification



Multiple station user can receive alarm and emergency notification

- Alarm coverage button assignment: [Trans/PGM] + Flex button + **76** + ## + **Alarm Type(0-23)**

Call Coverage Ring code

Alarm Type :

All(0), Emergency(1), DCO Fault(2), SIP Reg Fail(3), BATH(4), DOOR-Bell(5), Alarm-Bell(6), Station Overflow(7), CO Overflow(8), SMDR(9), VM FULL(10), WTIM Base fail(11), WTIM Chain fail(12), I-SMDR full(13), CABINET alarm(14), BAR full(15), IPCR fault(16), IPWATCH fail(17), Temp License Expire(18), License Expire(19), License Overflow(20), TNET License Expire(21), TAPI fail(22) , PMS fail(23)

V3.0 Features

Alarm – External Notification

Alarm Attributes(163)

Alarm Notify Condition

Note)
Red color means external alarm notification is provided with announcement 2 for emergency alarm

Attribute	External Noti. Annc.No (1-200)	External Noti. Initial Delay (1-3600 sec)	External Noti. Cancel at Answer	External Noti. Next Prio. on Failover	External Noti. Next Prio. after Answer (1-3600 sec)
Alarm 1 Display	2	0	Cancel All Other Trying Calls ▼	Immediately Go To Next ▼	0
Alarm 2 Display	0	0	Cancel All Other Trying Calls ▼	Immediately Go To Next ▼	0
Emergency Call	2	0	Cancel All Other Trying Calls ▼	Immediately Go To Next ▼	0
Bath Alarm	0	0	Cancel All Other Trying Calls ▼	Immediately Go To Next ▼	0
DCOB Fault	0	0	Cancel All Other Trying Calls ▼	Immediately Go To Next ▼	0
SIP Registration Fault	0	0	Cancel All Other Trying Calls ▼	Immediately Go To Next ▼	0
Station Capacity Full	0	0	Cancel All Other Trying Calls ▼	Immediately Go To Next ▼	0
CO Capacity Full	0	0	Cancel All Other Trying Calls ▼	Immediately Go To Next ▼	0
SMDR Full	0	0	Cancel All Other Trying Calls ▼	Immediately Go To Next ▼	0
VM Memory Full	0	0	Cancel All Other Trying Calls ▼	Immediately Go To Next ▼	0
WTIM Base Fault	0	0	Cancel All Other Trying Calls ▼	Immediately Go To Next ▼	0
WTIM Chain Fault	0	0	Cancel All Other Trying Calls ▼	Immediately Go To Next ▼	0
I SMDR Full	0	0	Cancel All Other Trying Calls ▼	Immediately Go To Next ▼	0
Cabinet Fault	0	0	Cancel All Other Trying Calls ▼	Immediately Go To Next ▼	0
Bar Full	0	0	Cancel All Other Trying Calls ▼	Immediately Go To Next ▼	0
IPCR Fault	0	0	Cancel All Other Trying Calls ▼	Immediately Go To Next ▼	0
IP Watch Fault	0	0	Cancel All Other Trying Calls ▼	Immediately Go To Next ▼	0
Temp activation of licenses Expiry	0	0	Cancel All Other Trying Calls ▼	Immediately Go To Next ▼	0
Maintenance Expire	0	0	Cancel All Other Trying Calls ▼	Immediately Go To Next ▼	0
Registration exceed license	0	0	Cancel All Other Trying Calls ▼	Immediately Go To Next ▼	0

Note) External notification is only supported by digital CO line not by analog CO line

V3.0 Features

Alarm – External Notification

❖ Alarm condition for external notification

- Initial delay:
(external notification is starting after this timer)
 - 0, 1~3600 second
- Cancel answer
(Select action when external user answer alarm notification)
 - Do not cancel other trying calls
(Do not cancel external notification for this alarm)
 - Cancel all other trying calls
(Cancel all external notification for this alarm)
 - Cancel all except prior trying calls
(Cancel all external notification except high priority trying calls for this alarm)
- Next Priority option on failover:
(Select action when external alarm notification is failed)
 - Immediately go to next
(Immediately go to next priority)
 - After retry all counts
(Retry notification up to retry counts then go to next priority)
- Next Priority timer after answer:
(Assign timer for next priority notification when answered)
 - 0, 1~3600 second

External Noti.
Initial Delay
(1-3600 sec)

0

0

0

External Noti.
Cancel at Answer

Cancel All Except Prior Trying Calls

Do not Cancel Other Trying Calls

Cancel All Other Trying Calls

Cancel All Except Prior Trying Calls

External Noti.
Next Prio. on Failover

Immediately Go To Next

Immediately Go To Next
After Retry All Counts

External Noti.
Next Prio. after Answer
(1-3600 sec)

0

0

0

V3.0 Features

Alarm – External Notification

❖ Alarm destination for external notification

- System Password(162)
- Alarm Attributes(163)
- Alarm Notify Condition
- Alarm Trigger Relay
- Alarm External Destination**
- Alarm Email Destination
- Alarm Paging Destination
- Attendant Assignment(164)
- Multicast IP/Port(165)
- DISA COS(166)
- DID/DISA Destination(167)
- External Control Contacts(168)
- LCD Display Mode(169)
- LED Flashing Rates(170)
- Music Sources(171)
- PBX Access Codes(172)
- RLP Priority(173)
- RS-232 Port Settings(174)
- Serial Port Selections(175)
- Pulse Dial (Break/Make) Ratio(176)
- SMDR Attributes(177)
- System Date & Time(178)

SIP Station (Caller)

One SIP extension is used for external alarm notification
(It should be unused station number that is existed in PGM105)

Index	Attribute	Value	Range
	Scenario Priority	<input type="text" value="0"/> Scenario priority (0 is highest priority)	0-9
	Telephone Number	<input type="text"/> Telephone number that receive alarm notification	Max Length 32
	Comment	<input type="text"/> Comment can be assigned up to 64 character	Max Length 64
	No Answer Timer	<input type="text" value="30"/> Cancel calling after this timer	30-180 sec
	Retry on Busy	<input type="button" value="Yes"/> Try again if it is busy	
	Retry on No Answer	<input type="button" value="Yes"/> Try again if it is no answer	
	Retry Count	<input type="text" value="2"/> Retry count for busy/no answer/fail	1-9
	Retry Interval	<input type="text" value="30"/> Retry interval for busy/no answer/fail	10-180 sec
1	Weekday	<input type="checkbox"/> Check/Uncheck All <input checked="" type="checkbox"/> MON <input checked="" type="checkbox"/> TUE <input checked="" type="checkbox"/> WED <input checked="" type="checkbox"/> THU <input checked="" type="checkbox"/> FRI <input checked="" type="checkbox"/> SAT <input checked="" type="checkbox"/> SUN Time condition: Weekday time	
	Service Time	<input type="text" value="0000"/> - <input type="text" value="2359"/> Time condition: service time	0000 - 2359
	Service for Alarms	<input type="checkbox"/> Check/Uncheck All <input type="checkbox"/> Alarm Port 0 <input type="checkbox"/> Alarm Port 1 <input type="checkbox"/> Emergency <input type="checkbox"/> BATH <input type="checkbox"/> DCO <input type="checkbox"/> SIP <input type="checkbox"/> STA <input type="checkbox"/> CO <input type="checkbox"/> SMDR <input type="checkbox"/> VM <input type="checkbox"/> WTIM-B <input type="checkbox"/> WTIM-C <input type="checkbox"/> I-SMDR <input type="checkbox"/> CABINET <input type="checkbox"/> BAR <input type="checkbox"/> IPCR <input type="checkbox"/> IPWATCH <input type="checkbox"/> Temp-LIC <input type="checkbox"/> Maint-LIC <input type="checkbox"/> Reg-OverFlow <input type="checkbox"/> TNET-LIC <input type="checkbox"/> TAPI <input type="checkbox"/> PMS Select alarm type for external notification	

Note 1) Telephone number : Co access code + Telephone number (example, 9 + 031805412345)

V3.0 Features

Alarm – External Notification

❖ Mandatory Programming

1. Alarm External Destination ► Assign SIP station(Caller)
(It should be unused station number that is existed in PGM105)
2. Alarm External Destination ► Scenario Priority (anything from 0 to 9)
3. Alarm External Destination ► Telephone Number (CO access code + number)
4. Alarm External Destination ► Service for Alarms

❖ Condition

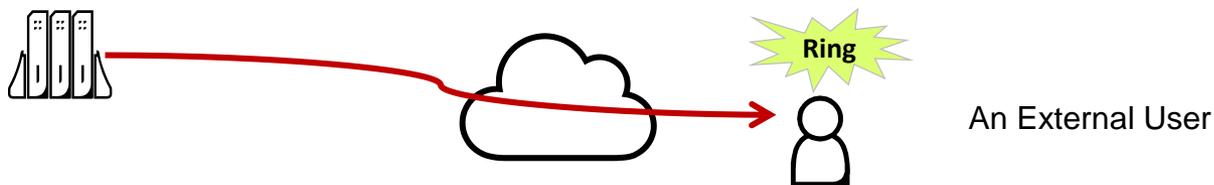
1. Higher priority scenario is applied first when multiple scenario is matched.
2. Next priority scenario is applied when fail over
Fail over condition:
 - Can't not make notify call
 - No answer
 - Busy
3. Or, Next priority scenario is applied after an answered external call
Alarm Notify Condition > External Noti. Next Prio. after Answer
 - '0' : do not proceed next Priority after an answer
 - '1-3600' : proceed next Priority after an answer

V3.0 Features

Alarm – External Notification

❖ Single Destination

1. Alarm External Destination ➤ Assign SIP station(Caller)
(It should be unused station number that is existed in PGM105)
2. Alarm External Destination ➤ **Table Index i** ➤ **Scenario Priority x** (anything from 0 to 9)
3. Alarm External Destination ➤ Table Index i ➤ Telephone Number (CO access code + number)
4. Alarm External Destination ➤ Table Index i ➤ Service for Alarms



< Options >

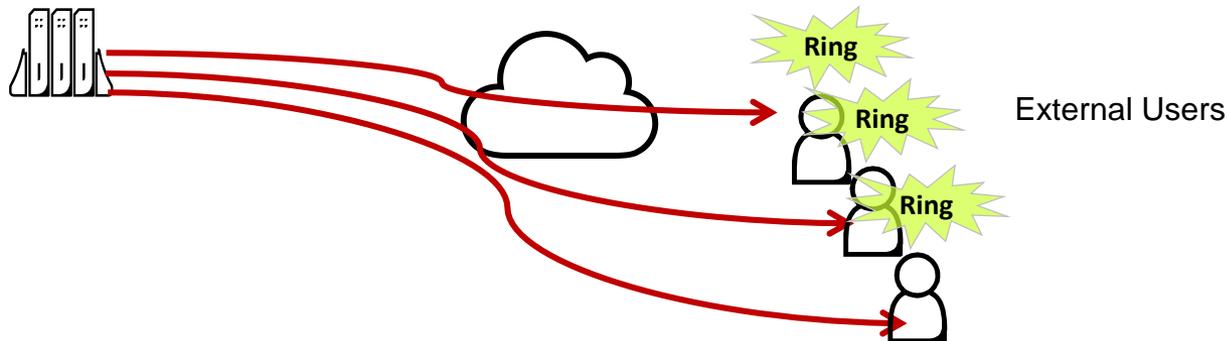
1. Alarm Notify Condition > External Noti. Annc. No : play announce at answer
2. Alarm Notify Condition > > External Noti. Initial Delay : start to make call after this timer since alarm
3. Alarm External Destination ➤ Table Index i ➤ No Answer Timer / Retry on Busy / Retry on No Answer / Retry Count / Retry Interval / Weekday / Service Time

V3.0 Features

Alarm – External Notification

❖ Multiple Destination with same priority (simultaneously)

1. Alarm External Destination ➤ Assign SIP station(Caller)
(It should be unused station number that is existed in PGM105)
2. Alarm External Destination ➤ **Table Index I,J,K** ➤ **Scenario Priority x** (anything from 0 to 9)
3. Alarm External Destination ➤ Table Index I,J,K ➤ Telephone Number (CO access code + number)
4. Alarm External Destination ➤ Table Index I,J,K ➤ Service for Alarms



< Options >

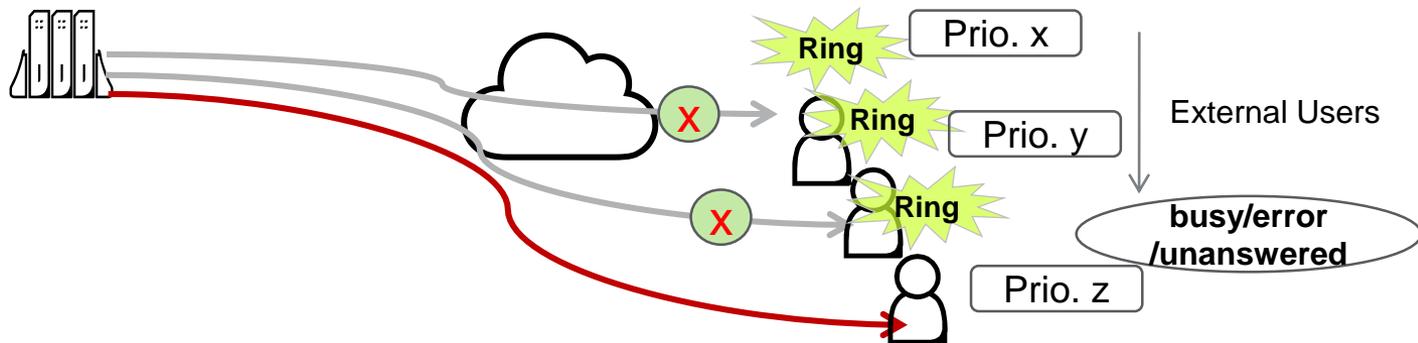
1. Alarm Notify Condition > External Noti. Annc. No : play announce at answer
2. Alarm Notify Condition > > External Noti. Initial Delay : start to make call after this timer since alarm
3. Alarm Notify Condition > > External Noti. Cancel at Answer : cancel or maintain other trying calls
4. Alarm External Destination ➤ Table Index i ➤ No Answer Timer / Retry on Busy / Retry on No Answer / Retry Count / Retry Interval / Weekday / Service Time

V3.0 Features

Alarm – External Notification

❖ Failover Destination with different priority (busy/error/unanswered)

1. Alarm External Destination ▶ Assign SIP station(Caller)
(It should be unused station number that is existed in PGM105)
2. Alarm External Destination ▶ **Table Index i, j, k ▶ Scenario Priority x, y, z**
3. Alarm External Destination ▶ Table Index i, j, k ▶ Telephone Number (CO access code + number)
4. Alarm External Destination ▶ Table Index i, j, k ▶ Service for Alarms



< Options >

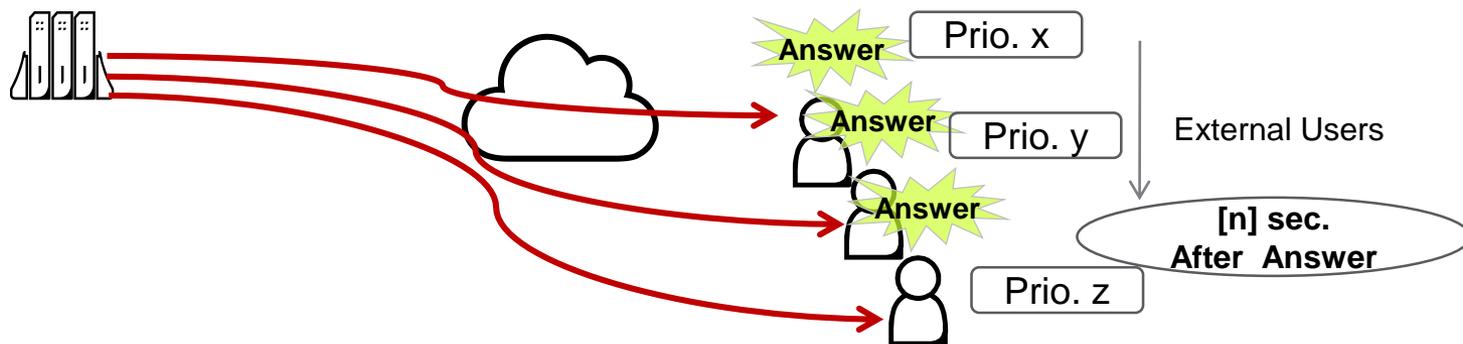
1. Alarm Notify Condition > External Noti. Annc. No : play announce at answer
2. Alarm Notify Condition > > External Noti. Initial Delay : start to make call after this timer since alarm
3. Alarm Notify Condition > > External Noti. Cancel at Answer : cancel or maintain other trying calls
4. **Alarm Notify Condition > > External Noti. Next Prio. On Failover : go to next prio. immediate or after-all-retrial**
5. Alarm External Destination ▶ Table Index i ▶ No Answer Timer / Retry on Busy / Retry on No Answer / Retry Count / Retry Interval / Weekday / Service Time

V3.0 Features

Alarm – External Notification

❖ Sequential Destination with different priority (after answer)

1. Alarm External Destination ➤ Assign SIP station(Caller)
(It should be unused station number that is existed in PGM105)
2. Alarm Notify Condition ➤ External Noti. Next Prio. after Answer : 1-3600 sec.
3. Alarm External Destination ➤ Table Index i, j, k ➤ Scenario Priority x, y, z
4. Alarm External Destination ➤ Table Index i, j, k ➤ Telephone Number (CO access code + number)
5. Alarm External Destination ➤ Table Index i, j, k ➤ Service for Alarms



< Options >

1. Alarm Notify Condition > External Noti. Annc. No : play announce at answer
2. Alarm Notify Condition > > External Noti. Initial Delay : start to make call after this timer since alarm
3. Alarm External Destination ➤ Table Index i ➤ No Answer Timer / Retry on Busy / Retry on No Answer / Retry Count / Retry Interval / Weekday / Service Time

V3.0 Features

Alarm – Page Notification

- ❖ Alarm condition for page notification
 - Initial delay:
(page notification is starting after this timer)
 - 0, 1~3600 second
 - Urgency level
 - 0~255
 - Override by urgency (level):
 - Override paged call only
 - Override all calls
 - Override DND:
 - ON/OFF

Page Noti. Initial Delay (1-3600 sec)	Page Noti. Page Urgency Level (0-255)	Page Noti. Override By Urgency	Page Noti. Override DND
0	255	Override Paged Call Only	FF ▼
0	255	Override Paged Call Only	FF ▼
0	255	Override All Calls	FF ▼

V3.0 Features

Alarm – Page Notification

- ❖ Alarm condition for page notification
 - Page repeat count:
 - 0~99
 - Page repeat interval:
 - 0~255 second
 - Announce repeat count:
 - 0~99
 - Next Priority option on failover:
(Select action when page notification is failed)
 - Immediately go to next
(Immediately go to next priority)
 - After retry all counts
(Retry notification up to retry counts then go to next priority)
 - Next Priority timer after page:
(Assign timer for next priority notification after page)
 - 0, 1~3600 second

Page Noti. Page Repeat Count (0-99)	Page Noti. Page Repeat Interval (5-255 sec)	Page Noti. Annnc. Repeat Count (0-99)	Page Noti. Next Prio. on Failover	Page Noti. Next Prio. after Page (0,1-3600 sec)
0	10	2	+	Immediately Go To Next
2	10	2		Immediately Go To Next
2	10	2		After Retry All Counts
2	10	2		Immediately Go To Next ▼ 0

V3.0 Features

Alarm – Page Notification

❖ Alarm destination for page notification

System ID & Numbering Plans
Station Data
Board Based Data
CO Line Data
System Data ▾
System Attributes(160~161)
System Password(162)
Alarm Attributes(163)
Alarm Notify Condition
Alarm Trigger Relay
Alarm External Destination
Alarm Email Destination
Alarm Paging Destination
Attendant Assignment(164)
Multicast IP/Port(165)
DISA COS(166)

Index	Attribute	Value	Range
	Scenario Priority	<input type="text" value="0"/> Scenario priority (0 is highest priority)	0-9
	Page Zone	<input type="text" value="0"/> Page zone	INT(1-100)/INT_ALL(101) EXT1(102)/EXT2(103)/EXT_ALL(104) ALL(105)
	Comment	<input type="text" value=""/> Comment for page notification	Max Length 64
	Retry on Busy	<input type="text" value="Yes"/> Try again if it is busy	
	Retry Count	<input type="text" value="2"/> Retry count for busy	1-9
	Retry Interval	<input type="text" value="30"/> Retry interval for busy	10-180 sec
1	Weekday	<input type="checkbox"/> Check/Uncheck All <input checked="" type="checkbox"/> MON <input checked="" type="checkbox"/> TUE <input checked="" type="checkbox"/> WED <input checked="" type="checkbox"/> THU <input checked="" type="checkbox"/> FRI <input checked="" type="checkbox"/> SAT <input checked="" type="checkbox"/> SUN Time condition : Weekday	
	Service Time	<input type="text" value="0000"/> - <input type="text" value="2359"/> Time condition : service time	0000 - 2359
	Service for Alarms	<input type="checkbox"/> Check/Uncheck All <input type="checkbox"/> Alarm Port 0 <input type="checkbox"/> Alarm Port 1 <input type="checkbox"/> Emergency <input type="checkbox"/> BATH <input type="checkbox"/> DCO <input type="checkbox"/> SIP <input type="checkbox"/> STA <input type="checkbox"/> CO <input type="checkbox"/> SMDR <input type="checkbox"/> VM <input type="checkbox"/> WTIM-B <input type="checkbox"/> WTIM-C <input type="checkbox"/> I-SMDR <input type="checkbox"/> CABINET <input type="checkbox"/> BAR <input type="checkbox"/> IPCR <input type="checkbox"/> IPWATCH <input type="checkbox"/> Temp-LIC <input type="checkbox"/> Maint-LIC <input type="checkbox"/> Reg-OverFlow <input type="checkbox"/> TNET-LIC <input type="checkbox"/> TAPI <input type="checkbox"/> PMS Select alarm type for page notification	

V3.0 Features

Alarm – Page Notification

❖ Mandatory Programming

1. Alarm Notify Condition ▶ Page Noti. Annc. No (1-200)
2. Alarm Paging Destination ▶ Scenario Priority (anything from 0 to 9)
3. Alarm Paging Destination ▶ Page Zone
4. Alarm Paging Destination ▶ Service for Alarms

❖ Condition

1. Higher priority scenario is applied first when multiple scenario is matched.
2. Next priority scenario is applied when fail over
Fail over condition:
 - Can't not make page
 - Busy
3. Priority of SOS and Emergency paging is 0 (highest)
Priority of normal paging is 255 (Lowest)
Priority of alarm paging is programable (0~255)
4. Higher priority override lower priority paging

V3.0 Features

Alarm – Page Notification

❖ Single Destination

1. Alarm Notify Condition ▶ Page Noti. Annc. No ▶ 1-200
2. Alarm Paging Destination ▶ Table Index i ▶ Scenario Priority x (anything from 0 to 9)
3. Alarm Paging Destination ▶ Table Index i ▶ Page Zone
4. Alarm paging Destination ▶ Table Index i ▶ Service for Alarms



< Options >

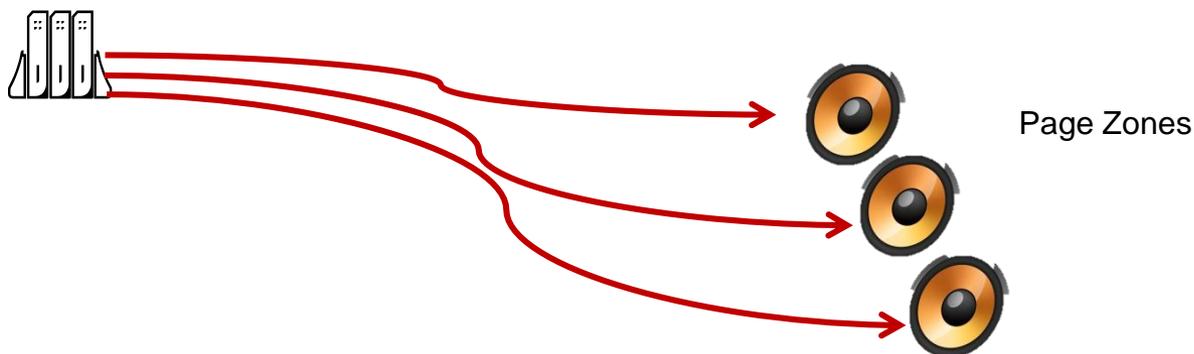
1. Alarm Notify Condition > Page Noti. Initial Delay : start to page after this timer since alarm
2. Alarm Notify Condition > Page Noti. Page Urgency Level : 0-255
3. Alarm Notify Condition > Page Noti. Override By Urgency / Override DND
4. Alarm Notify Condition > Page Noti. Page Repeat Count / Interval / Annc. Repeat Count
5. Alarm Paging Destination ▶ Table Index i ▶ Retry on Busy / Retry Count / Retry Interval / Weekday / Service Time

V3.0 Features

Alarm – Page Notification

❖ Multiple Destination with same priority (simultaneously)

1. Alarm Notify Condition > Page Noti. Annc. No > for each Alarm types > 1-200
2. Alarm Paging Destination > Table Index i, j, k > Scenario Priority x (anything from 0 to 9)
3. Alarm Paging Destination > Table Index i, j, k > Page Zone
4. Alarm Paging Destination > Table Index i, j, k > Service for Alarms



< Options >

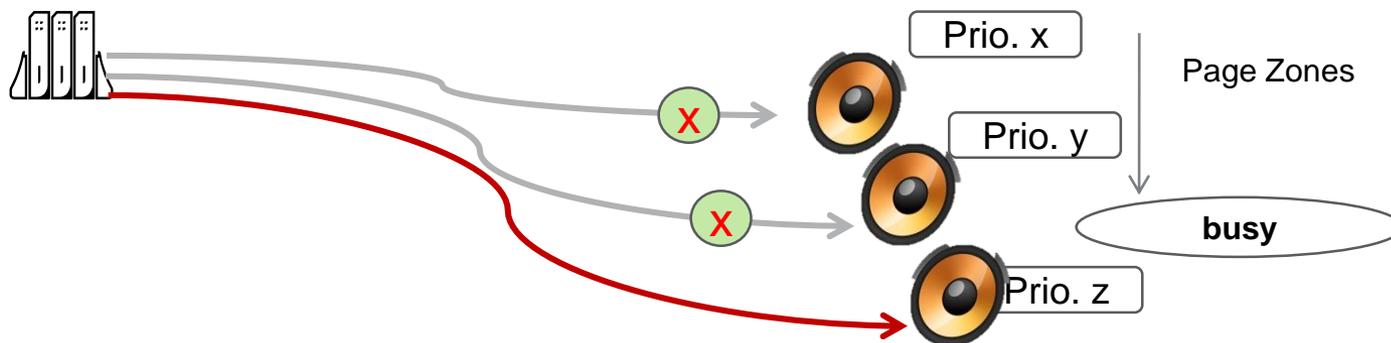
1. Alarm Notify Condition > Page Noti. Initial Delay : start to page after this timer since alarm
2. Alarm Notify Condition > Page Noti. Page Urgency Level : 0-255
3. Alarm Notify Condition > Page Noti. Override By Urgency / Override DND
4. Alarm Notify Condition > Page Noti. Page Repeat Count / Interval / Annc. Repeat Count
5. Alarm Paging Destination > Table Index i > Retry on Busy / Retry Count / Retry Interval / Weekday / Service Time

V3.0 Features

Alarm – Page Notification

❖ Failover Destination with different priority (page zone or member busy)

1. Alarm Notify Condition ▶ Page Noti. Annc. No ▶ for each Alarm types ▶ 1-200
2. Alarm Paging Destination ▶ Table Index i, j, k ▶ Scenario Priority x, y, z
3. Alarm Paging Destination ▶ Table Index i, j, k ▶ Page Zone
4. Alarm Paging Destination ▶ Table Index i, j, k ▶ Service for Alarms



< Options >

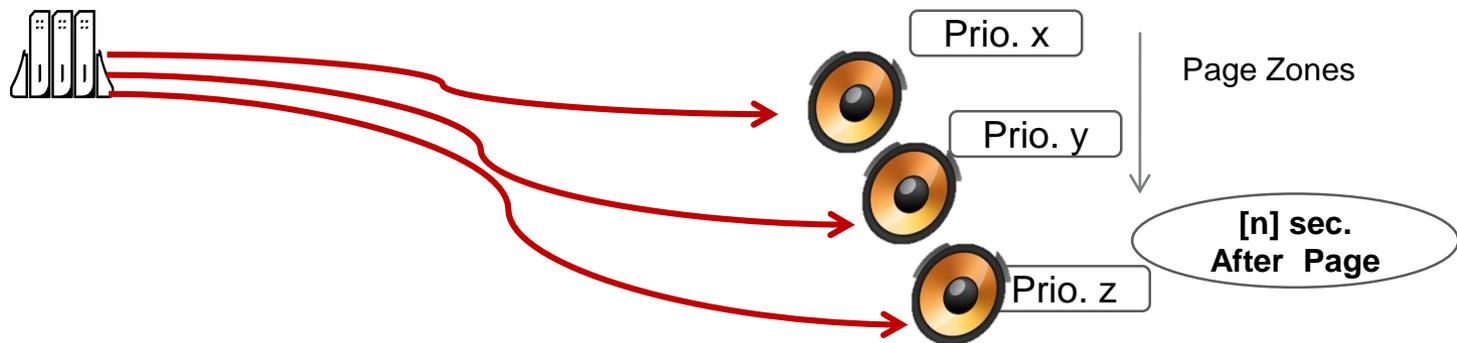
1. Alarm Notify Condition > Page Noti. Initial Delay : start to page after this timer since alarm
2. Alarm Notify Condition > Page Noti. Page Urgency Level : 0-255
3. Alarm Notify Condition > Page Noti. Override By Urgency / Override DND
4. Alarm Notify Condition > Page Noti. Page Repeat Count / Interval / Annc. Repeat Count
5. Alarm Notify Condition > Page Noti. Next Prio. on Failover : go to next prio. Immediately or after all retrial
6. Alarm Paging Destination ▶ Table Index i ▶ Retry on Busy / Retry Count / Retry Interval / Weekday / Service Time

V3.0 Features

Alarm – Page Notification

❖ Sequential Destination with different priority (after prior page)

1. Alarm Notify Condition > Page Noti. Annc. No > for each Alarm types > 1-200
2. Alarm Notify Condition > Page Noti. Next Prio. after Answer : 1-3600 sec.
3. Alarm Paging Destination > Table Index i, j, k > Scenario Priority x, y, z
4. Alarm Paging Destination > Table Index i, j, k > Page Zone
5. Alarm Paging Destination > Table Index i, j, k > Service for Alarms



< Options >

1. Alarm Notify Condition > Page Noti. Initial Delay : start to page after this timer since alarm
2. Alarm Notify Condition > Page Noti. Page Urgency Level : 0-255
3. Alarm Notify Condition > Page Noti. Override By Urgency / Override DND
4. Alarm Notify Condition > Page Noti. Page Repeat Count / Interval / Annc. Repeat Count
5. Alarm Paging Destination > Table Index i > Retry on Busy / Retry Count / Retry Interval / Weekday / Service Time

V3.0 Features

Alarm – E-mail Notification

❖ Alarm destination for e-mail notification

System ID & Numbering Plans
Station Data
Board Based Data
CO Line Data
System Data ▼
System Attributes(160~161)
System Password(162)
Alarm Attributes(163)
Alarm Notify Condition
Alarm Trigger Relay
Alarm External Destination
Alarm Email Destination
Alarm Paging Destination
Attendant Assignment(164)
Multicast IP/Port(165)

Index	Value	Range
1	E-mail Address	<input type="text" value="E-mail address that is for received person"/> Max Length 64
	Comment	<input type="text" value="Comment for E-mail notification"/> Max Length 64
	Service for Alarms	<input type="checkbox"/> Check/Uncheck All <input type="checkbox"/> Alarm Port 0 <input type="checkbox"/> Alarm Port 1 <input type="checkbox"/> Emergency <input checked="" type="checkbox"/> BATH <input type="checkbox"/> DCO <input checked="" type="checkbox"/> SIP <input checked="" type="checkbox"/> STA <input checked="" type="checkbox"/> CO <input checked="" type="checkbox"/> SMDR <input checked="" type="checkbox"/> VM <input checked="" type="checkbox"/> WTIM-B <input checked="" type="checkbox"/> WTIM-C <input checked="" type="checkbox"/> I-SMDR <input checked="" type="checkbox"/> CABINET <input checked="" type="checkbox"/> BAR <input checked="" type="checkbox"/> IPCR <input checked="" type="checkbox"/> IPWATCH <input checked="" type="checkbox"/> Temp-LIC <input checked="" type="checkbox"/> Maint-LIC <input checked="" type="checkbox"/> Reg-OverFlow <input checked="" type="checkbox"/> TNET-LIC <input checked="" type="checkbox"/> TAPI <input type="checkbox"/> PMS Select alarm type for e-mail notification
2	E-mail Address	<input type="text"/> Max Length 64
	Comment	<input type="text"/> Max Length 64
	Service for Alarms	<input type="checkbox"/> Check/Uncheck All <input type="checkbox"/> Alarm Port 0 <input type="checkbox"/> Alarm Port 1 <input type="checkbox"/> Emergency <input type="checkbox"/> BATH <input type="checkbox"/> DCO <input type="checkbox"/> SIP <input type="checkbox"/> STA <input type="checkbox"/> CO <input type="checkbox"/> SMDR <input type="checkbox"/> VM <input type="checkbox"/> WTIM-B <input type="checkbox"/> WTIM-C <input type="checkbox"/> I-SMDR <input type="checkbox"/> CABINET <input type="checkbox"/> BAR <input type="checkbox"/> IPCR <input type="checkbox"/> IPWATCH <input type="checkbox"/> Temp-LIC <input type="checkbox"/> Maint-LIC <input type="checkbox"/> Reg-OverFlow <input type="checkbox"/> TNET-LIC <input type="checkbox"/> TAPI <input type="checkbox"/> PMS

V3.0 Features

Alarm – E-Mail Notification

❖ Mandatory Programming

1. System Attributes ▶ Common SMTP Attributes
(if SMTP server domain name is used then “DNS IP Address” should be set in PGM102)

System Attributes(160-161)

- System Password(162)
- Alarm Attributes(163)
- Alarm Notify Condition
- Alarm Trigger Relay
- Alarm External Destination
- Alarm Email Destination
- Alarm Paging Destination
- Attendant Assignment(164)
- Multicast IP/Port(165)
- ...

SMDR/ACD/Alarm Mail Attribute			
B	Common SMTP Attributes		
1	SMTP Server IP Address	<input type="text" value="0.0.0.0"/>	
2	SMTP Server Domain Name	<input type="text" value="smtp.gmail.com"/>	Check DNS IP Address Setting
3	SMTP Port	<input type="text" value="465"/>	00001-65535
4	SMTP Security Connection	<input type="text" value="SSL"/>	
5	E-Mail Account ID	<input type="text" value="abcdefghi@gmail.com"/>	Max 64 Characters
6	E-Mail Account Password	<input type="text" value="*****"/>	Max 20 Characters
7	Sender E-Mail Address(From)	<input type="text" value="abcdefgh@ericsson.com"/>	Max 64 Characters
8	Sender System Domain Name	<input type="text"/>	Max 18 Characters

2. Alarm Email Destination ▶ E-mail address
3. Alarm Paging Destination ▶ Service for Alarms

❖ Condition

1. if multiple scenario is matched then system email to multiple destination.

V3.0 Features

Alarm – Trigger relay (ex, Alarm 1, Emergency call)

System Data Save

Check All	System	Alarm Port 1	Alarm Port 2	Emergency Call	Bath Alarm	DCOB Fault	SIP Registration Fault	Station Capacity Full	CO Capacity Full	SMDR Full	VM Memory Full	WTIM Base Fault	WTIM Chain Fault	I SMDR Full	Cabinet Fault	Bar Full	IPCR Fault	IP Watch Fault	Temp activation of licenses Expiry
<input type="checkbox"/>	My System	Yes ▾	Yes ▾	Yes ▾	Yes ▾	Yes ▾	Yes ▾	Yes ▾	Yes ▾	Yes ▾	Yes ▾	Yes ▾	Yes ▾	Yes ▾	Yes ▾	Yes ▾	Yes ▾	Yes ▾	Yes ▾

Alarm External Destination

Alarm Email Destination

Alarm Paging Destination

Attendant Assignment(164)

Multicast IP/Port(165)

DISA COS(166)

DID/DISA Destination(167)

External Control Contacts(168)

LCD Display Mode(169)

LED Flashing Rates(170)

Music Sources(171)

PBX Access Codes(172)

RLP Priority(173)

RS-232 Port Settings(174)

External Control Contact	Value
	<input type="radio"/> Unused
	<input type="radio"/> LBC <input type="text"/>
	<input type="radio"/> Door Open
	<input type="radio"/> External Control Device 1
	<input type="radio"/> External Control Device 2
First	<input checked="" type="radio"/> Alarm < Control for > <input type="checkbox"/> Alarm Port 0 <input type="checkbox"/> Alarm Port 1 <input checked="" type="checkbox"/> Emergency <input type="checkbox"/> BATH <input type="checkbox"/> DCO <input type="checkbox"/> SIP <input type="checkbox"/> STA <input type="checkbox"/> CO <input type="checkbox"/> SMDR <input type="checkbox"/> VM <input type="checkbox"/> WTIM-B <input type="checkbox"/> WTIM-C <input type="checkbox"/> I-SMDR <input type="checkbox"/> CABINET <input type="checkbox"/> BAR <input type="checkbox"/> IPCR <input type="checkbox"/> IPWATCH <input type="checkbox"/> Temp-LIC <input type="checkbox"/> Maint-LIC <input type="checkbox"/> Reg-OverFlow <input type="checkbox"/> TNET-LIC <input type="checkbox"/> TAPI <input type="checkbox"/> PMS

Enable trigger relay in “Alarm Trigger relay” and set alarm in PGM 168
Example case: The first external relay will be triggered when Emergency call is occurred.

V3.0 Features

Alarm – Trigger relay (ex, Emergency call)

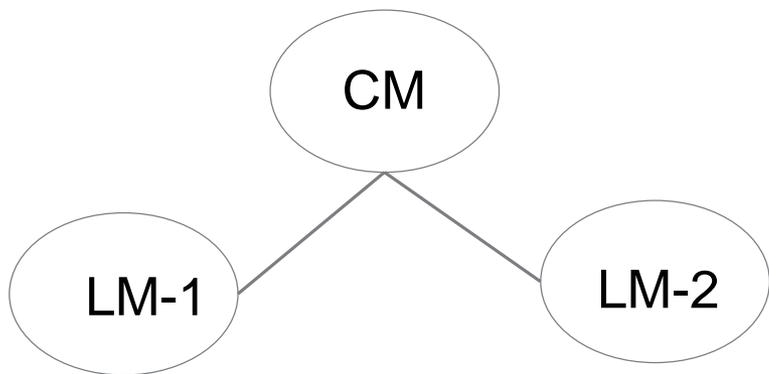


- Input 911 in emergency table
- Program the first relay for emergency call
- Make 911 call (check trigger relay)

V3.0 Features

Alarm – Trigger relay (TNET – My system)

Alarm Relay TNET Access																
Uncheck All	System	Alarm Port 1	Alarm Port 2	Emergency Call Notify	DCOB Fault Notify	SIP Registration Fault Notify	Station Capacity Full Notify	CO Capacity Full Notify	SMDR Full Notify	VM Memory Full Notify	WTIM Base Fault Notify	WTIM Chain Fault Notify	I SMDR Full Notify	Cabinet Fault Notify	Bar Full Notify	
<input checked="" type="checkbox"/>	My System	Yes ▾	No ▾	Yes ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	
<input checked="" type="checkbox"/>	CM	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	
<input checked="" type="checkbox"/>	LM-1	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	
<input checked="" type="checkbox"/>	LM-2	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	



My System means local system.

(Ex, Alarm port 1 is enabled for my system means Alarm port 1 is enabled for all own local system CM, LM-1, LM-2)

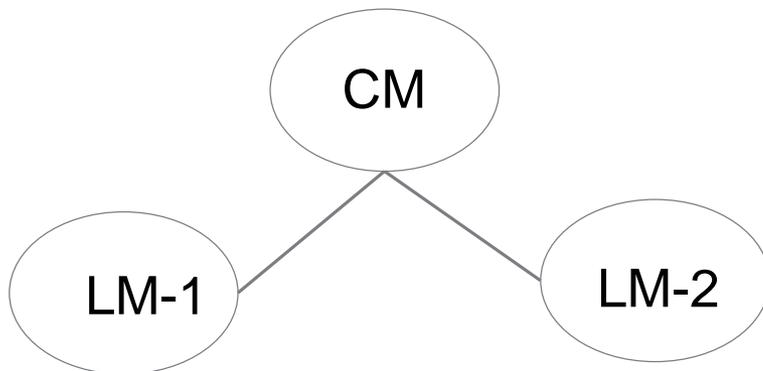
Example case: alarm port 1 and emergency alarm is enabled for all local system CM, LM-1, LM-2.

The local external relay will be triggered.

V3.0 Features

Alarm – Trigger relay (TNET – Multi system relay)

Alarm Relay TNET Access																
Uncheck All	System	Alarm Port 1	Alarm Port 2	Emergency Call Notify	DCOB Fault Notify	SIP Registration Fault Notify	Station Capacity Full Notify	CO Capacity Full Notify	SMDR Full Notify	VM Memory Full Notify	WTIM Base Fault Notify	WTIM Chain Fault Notify	I SMDR Full Notify	Cabinet Fault Notify	Bar Full Notify	
<input checked="" type="checkbox"/>	My System	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	
<input checked="" type="checkbox"/>	CM	Yes ▾	No ▾	Yes ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	
<input checked="" type="checkbox"/>	LM-1	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	
<input checked="" type="checkbox"/>	LM-2	Yes ▾	No ▾	Yes ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	No ▾	



Example case: alarm port 1 and emergency alarm is enabled for CM, LM-2.

The external relay of CM and LM-2 will be triggered.

V3.0 Features

Media option (Audio / Video) for LIP-9070/71

Station Data	40	<input checked="" type="checkbox"/>	Stop Emergency page announcement	By calling party
Station Type(110)	41	<input checked="" type="checkbox"/>	Send LM IP to UC client	
Common Attributes(111)	42	<input checked="" type="checkbox"/>	Medial option	Audio only Audio only Audio&Vedio OFF
Terminal Attributes(112)	1	<input checked="" type="checkbox"/>	Call Coverage Mode	



Audio is connected (Video is option)

Both Audio and Video is connected

Medial option	Audio only
Call Coverage	Audio only
Call Coverage Mode	Audio&Vedio

V3.0 Features

Executive / Secretary pair

- Message wait to Executive / Secretary
 - “Left Message to Executive” is ON means message wait is left to executive.
 - “Left Message to Executive” is OFF means message wait is left to secretary

Station Type(110)	24	<input checked="" type="checkbox"/>	Left Message to Executive	ON ▾
Common Attributes(111)	25	<input checked="" type="checkbox"/>	Station Web Level	LEVEL 1 ▾

- Call Executive If High Secretary
 - “Higher grade secretary can direct call to low grade executive if “Call Executive if High secretary”

Table(227)	System Authorization Code Table(227)	CCR Table(228)	Executive/Secretary(229)	Flexible DID Conversion(231)	System Speed Zone(232)		
Index	Executive	Secretary	Executive Grade	Executive Group	ICM Call To Secretary	CO Call To Secretary	Call Executive If Secretary DND
1	1000	1001	2	0	Enable ▾	Disable ▾	Enable ▾
2	1000	1002	1	0	Enable ▾	Disable ▾	Disable ▾
3	1103	1003	1	0	Enable ▾	Disable ▾	Disable ▾
4	1102	1003	2	0	Enable ▾	Disable ▾	Disable ▾

Ex) 1003 call to 1000.
if there are more than 1 executive then the most low grade is used.
If there are more than 1 secretary then most high grade is used.
(1003 grade is 1, 1000 grade 2)

V3.0 Features

Name service

- Call pickup : Original station name is displayed

PICK UP FROM {station name}
0104504629

Name is not come from CO line and
station name exist

{CO name}
0104504629

When name comes in from CO line

- Call forward

CALL FROM STA 1001
VIA Mr. James

Internal call

BUSY FWD FROM Mr.
James
0104504629

External call

System Data

System Attributes(160~161)

System Password(162)

100	Web Admin Hacking Block Period	5
101	Web Admin Hacking Block EMAIL Notification	Disable ▾
102	RTP/SRTP SSRC filtering	Disable ▾
103	Display Forward Reason	ON ▾

V3.0 Features

Emergency page option

- Stop Emergency page announcement” option is added in PGM111.
- “By Calling party” means the emergency page will be stop by caller(pager), ON-Hook.
- “After Announcement” means the emergency page will not be stop even though caller(pager) On-Hook or plug out.

The screenshot displays the configuration interface for PGM111. On the left, a sidebar shows a tree view with 'Station Data' expanded, and 'Common Attributes(111)' selected. The main area shows a table of configuration items. The item 'Stop Emergency page announcement' (ID 40) is highlighted with a red box. Its dropdown menu is also highlighted with a red box, showing three options: 'By calling party', 'By calling party', and 'After announcement'. The first 'By calling party' option is selected and highlighted in blue.

37	<input checked="" type="checkbox"/>	Privacy	OFF ▾
38	<input checked="" type="checkbox"/>	Collect call block	OFF ▾
39	<input checked="" type="checkbox"/>	DSS LED service	ON ▾
40	<input checked="" type="checkbox"/>	Stop Emergency page announcement	By calling party ▾
41	<input checked="" type="checkbox"/>	Send LM IP to UC client	By calling party
42	<input checked="" type="checkbox"/>	Media session	After announcement

V3.0 Features

Emergency page option

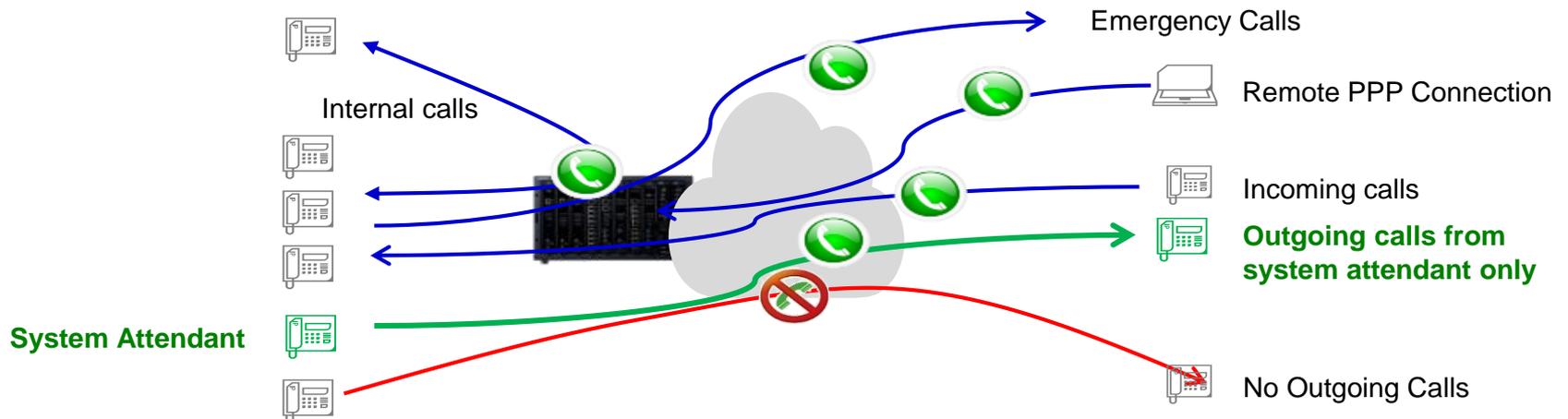


- Program emergency page option to do not stop page when station hang up

V3.0 Features

Limited service mode

- System goes to the “Limited service mode” when it reaches license invalidation.
 - Internal calls, Incoming calls and emergency outgoing calls are supported
 - **Outgoing calls are only allowed from the system attendant (to be supported from Unified v3.0)**
 - Remote PPP Connection is supported



V3.0 Features

Other features

- Name display for intercom call for Visual VM
 - Station name is displayed for visual VM
- UVM voicemail to email – name for internal call and speed dial
 - Station and speed name is sent in e-mail notification
- Web admin enhancement for LDAP in PGM160
 - “Search base” is increased to 100 characters and any character allowed in password.

System Data	6	Search Base	<input type="text"/>	Max 100 Characters
System Attributes(160~161)	7	LDAP User ID	<input type="text"/>	
System Password(162)	8	LDAP User Password	<input type="text"/>	

- Preset Flexible button for UC client
 - Preset flexible button” feature is working also for UCS client.

V3.0 Features

Other features

- VQM support for eMG80 TNET with CM
 - VQM(Voice Quality Monitoring) is supported for eMG80 TNET with CM system
- Secure hash algorithm is changed from SHA1 to SHA2
 - Hash algorithm is changed to SHA2 that is used
- Add an option to force the minimum number of digit for user password
 - “Minimum length of station password option is added (Default : 6)



49	Use Strong Password	OFF ▾	
50	Station password minimum length	6	01-12
51	VSF SMTP Port	25	00001-65535

- E1R2 for Thailand/Argentina
 - E1R2 signal is supported for Thailand/Argentina

V3.0 Features

Other features

- VMIU(B)6/VOIU(B)6 option in eMG80

Flexible VMIU/VOIU(MPB) channel	VMIU 4 / VOIU 8 ▾
Flexible VMIB/VOIB(WMU) channel	VMIU 8 / VOIU 0 VMIU 8 / VOIU 2 VMIU 8 / VOIU 4 VMIU 6 / VOIU 6
SPEED Numbering	4999), STA(000-099) ▾

You can't change Nation Code when Dip Switch is Off status.

(VMIU /VOIU option)

Flexible VMIU/VOIU(MPB) channel	VMIU 4 / VOIU 8 ▾
Flexible VMIB/VOIB(WMU) channel	VMIB 4 / VOIB 8 ▾ VMIB 8 / VOIB 4 VMIB 6 / VOIB 6 VMIB 4 / VOIB 8
SPEED Numbering	4999), STA(000-099) ▾

You can't change Nation Code when Dip Switch is Off status.

(VMIB /VOIB option)

- RTP/SRTP SSRC filtering

System Data ▾		
System Attributes(160~161)		
100	Web Admin Hacking Block Period	5
101	Web Admin Hacking Block EMAIL Notification	Disable ▾
102	RTP/SRTP SSRC filtering	Disable ▾

RTP/SRTP SSRC option: It could be enabled to remove switching noise between RTP/SRTP. If it is enabled and LIP-90xx version is less than below, LIP-90xx phone could be lock up, So, please do not enable it if LIP-90xx version less than below.
(LIP-9010/20/30/40 : 1.1Aa , LIP-9002/08/08G : 1.2Aa)

V3.0 Features

Other features

- Call information(SSSS) for Type2
 - Station - Station number
 - Hunt group - group number
 - CCR - SSSS - CCR Access code
 - Net station - Net Number
 - Conference Room - Conference room enter feature code

- CLI (Calling Line Identification)

1) CLI Overall Format

ITEM	
Type 1	●XX : DDDDDDDDDDDDD If
Type 2	◆XX : DDDDDDDDDDD : NNNNNNN(YYY) -> SSSS If
Type 3	◆◆XX : DDDDDDDDDDD : NNNNNNN(YYY) -> SSSS If

* Type 1 : CLI is entered through normal CO line or not dialed the destination through DID line.
 Type 2 : CLI is entered and the destination is assigned through DID line.
 Type 3 : The station answers the ring.

2) The meaning of fields

Field(s)	Meaning(s)
If	Line Feed (0x0A)
●(^G)	Control Character (0x07)
◆(^F)	Control Character (0x06)
Blank	ASCII space
XX	CO Line Number
DDD..DD	CLI(Calling Line Identification)
NNN..NN	Name of speed bin that is matched with CLI (ex> LGICSW)
YYY	Speed bin number that is matched with CLI (ex> 200)
SSSS	Called or Answered extension number

V3.0 Features

Other features

- Web admin attribute search by name (including field and maintenance)
(It need about 3~4 second when you press search box to prepare symbol data)

The screenshot shows the web admin interface for Terminal Attributes. The search box contains the text 'fax'. The search results are displayed in a table with the following columns: ID, Name, Value, and Description. The search results are highlighted in a red box, and the text 'Search result' is written in purple. The text 'Type search string' is written in purple above the search box. The text 'ECM Faxes in T.38' is highlighted in a red box in the search results table.

ID	Name	Value	Description
21		OFF	for Standard UCS's
22	UCS DIALING RULE USE	ON	for Standard UCS's
23	UCS MOBILE DIAL USE(ANDROID's)	OFF	for Standard UCS's
24	Message Wait Button	All Message	
25	PGM button	Disable	
26	MENU button	Disable	
SLT Attributes			
1	Data Security	OFF	
2	ECM Faxes in T.38	Allow	
3	Modem Enable	OFF	
4	SLT CID Type	FSK	
5	Send SLT CLI Info	ON	
6	SLT Flash Mode	Flash Transfer	
7	SLT Configuration Mode	Default	
8	BLOCK Back Call	OFF	
9			0-9 (100ms)
10		OFF	
11	Line Echo	OFF	

V3.0 Features

Web admin search

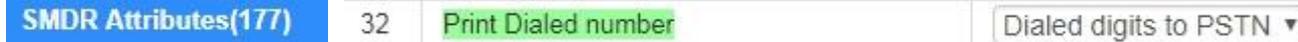


- Search “mobile”

V3.0 Features

Other features

- Print Dialed number



“Dialed digits to PSTN” : digits that are sent to PSTN line are printed on SMDR

“Dialed digits by user” : User dialed digits are printed on SMDR

- SIP – Add '+' in outgoing call



Add '+' in URI for out going call if it is “YES”

V3.0 Features

Other features

- SIP – Diversion (**Original CLI**)



The screenshot shows a configuration interface for SIP attributes. On the left, a sidebar lists various SIP-related sections, with 'SIP CO Attributes(133)' selected. The main area displays a table of attributes. The 'Diversion' attribute is highlighted, and a dropdown menu is open, showing options: 'Unused', 'Extension', 'Original CLI', 'Fixed Table', and 'Original CPN'. The 'Original CPN' option is currently selected.

ID	Attribute Name	Value
5	Remote-Party-ID	Extension
6	Diversion	Original CPN
1	From/Contact ID	Mobile Extension External C
2	From Display	
3	P.Asserted-ID	

The Id in the “Diversion” header of SIP messages can be based on the forwarding station.

- Unused : no Diversion header provided
- Extension : the Extension SIP User ID or Extension Outgoing CLI as assigned for the From ID under ID Individuality.
- **Original CLI** : the CLI received by the system for the original incoming call
- Fixed Table : the SIP User ID from the SIP UID Fixed Table Index attribute

V3.0 Features

Other features

- SIP – SIP name display

SIP Phone Attributes(211)	35	<input type="checkbox"/>	SIP Name Display	OFF ▾
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Deliver display name of SIP extension to SIP trunk without modification.

- ON : Deliver display name of SIP extension to SIP trunk without modification.
- OFF : Send name according to system rule (station name / speed name etc)

- CIQ page VM slot

Station Group Attributes(191)	44	CIQ Display To Agent	Mode OFF ▾
Pick-Up Group Overview	45	CIQ Page VM Slot	0

If the queued call count exceeds the threshold, the system plays the CIQ Alert Announcement.

You can fill out the sequence number of UVM module for CIQ Alert Announcement in case of being CPU Redundancy. The sequence number of UVMU is used for CIQ Alert announcement by default, but the UVMU is out of service during Redundancy so that the sequence number of UVM is needed for happening Redundancy.

V3.0 Features

Other features

- Trace log via WEB

Trace Log via web

1. Set 'Trace Attribute' to 'Serial Port 1' from 'Set Trace Direction' menu.
2. Set 'Board Trace', 'Device Trace' and 'Virtual Trace Dip Switch(P452)' menu.
3. Click 'Start' button.

Trace data is automatically saved on system inside up to 3 M byte (1 M * 3)

Trace data could be downed after stopping trace.

Trace data will be removed when restarting the system or pressing “Clean up Log File”

Packet Capture

Default option is included. The file name is packetdump.cap. The packets will be captured upto 10000 packets.

- Option explanation

protocol filter : tcp or udp or icmp ...

port filter: both source and destination port -> port #number, source port -> src port #number, destination port -> dst port #number

IP filter : both source and destination host IP -> host #IP_ADDR, source host IP -> src host #IP_ADDR, destination host IP -> dst host #IP_ADDR

Example

UDP and Port 5588 and Source IP address 10.1.1.100 : udp and port 5588 and src host 10.1.1.100

Input tcpdump options Additional Option:

V3.0 Features

Packet trace by web admin



- Capture packet trace by web admin

V3.0 Features

Other features

- Basic call cost

Max Digit (00-30)	Number Of Type	Numbering Plan	Sending Complete	Call Charge Type	Call Charge Timer (000-999)	Call Cost Per Call Charge Timer (Must be 6 digits)	Flat Rate	Base Call Cost (Must be 6 digits)
0	Unknown	Unknown	OFF	Long Distance	30	000200	OFF	00600
0	Unknown	Unknown	OFF	Unknown	0	000000	OFF	000000
0	Unknown	Unknown	OFF	Unknown	0	000000	OFF	000000
0	Unknown	Unknown	OFF	Unknown	0	000000	OFF	000000

“Base Call Cost” is set (none zero) then call cost will be started from this assigned value
If Base Call Cost is 0 then it is not applied.

Eg) in above case.

Call cost will be started from “600” and then increased by “200” every 30 second.

V3.0 Features

Other features

- VM password retry



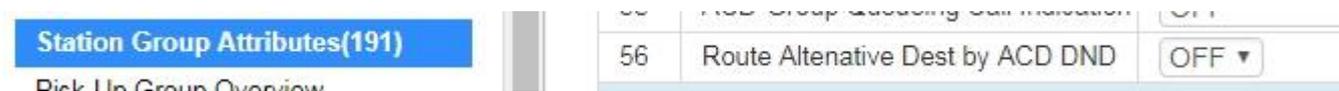
Station VM Attributes (127)			
16	<input type="checkbox"/>	Password Retry Attempts	Disable ▾

Input: Disable, 1~5

If it is disabled then the access will be denied when password is incorrect.

If it is 1~5 then user can try gain

- Route to alternative destination when all member are in ACD DND



Station Group Attributes(191)			
56	<input type="checkbox"/>	Route Alternative Dest by ACD DND	OFF ▾

Input: Disable, ON/OFF

If it is ON then the call will be routed to alternative destination of the ACD group when all members are in ACD DND.

If it is OFF then the call will be queuing to the ACD group.

V3.0 Features

Other features

- Ring group overflow for all member are busy

Before:

if all members in ring group are busy and queue is overflow, the call was disconnected

As-Is :

if all members in ring group are busy and queue is overflow, the call is routed to overflow destination

- Search station name on UCS client

Before:

Support search with the station number for non-UCS phone users

As-Is :

Search by name for non-UCS phone users in UCS Desktop and Mobile client.

V3.0 Features

Other features

- Log for security field

Leave detailed change logs for the following fields

- CO Line Programming : All active lines - ISDN , PSTN and IP
 - DISA Account code (PGM 140/142)
 - DISA CO Access (PGM 140/142)
- System Programming
 - Remote VM Access (PGM 160/161)
 - Remote VM Forward Access
 - DISA COS (PGM 166)
 - Strong Password
 - TLS for Web
- SIP Security
 - SIP Extension - PGM 211 - Set 407 Authentication
 - SIP Common Attributes - PGM 210 - IP AUTH Usage
 - Remote Register

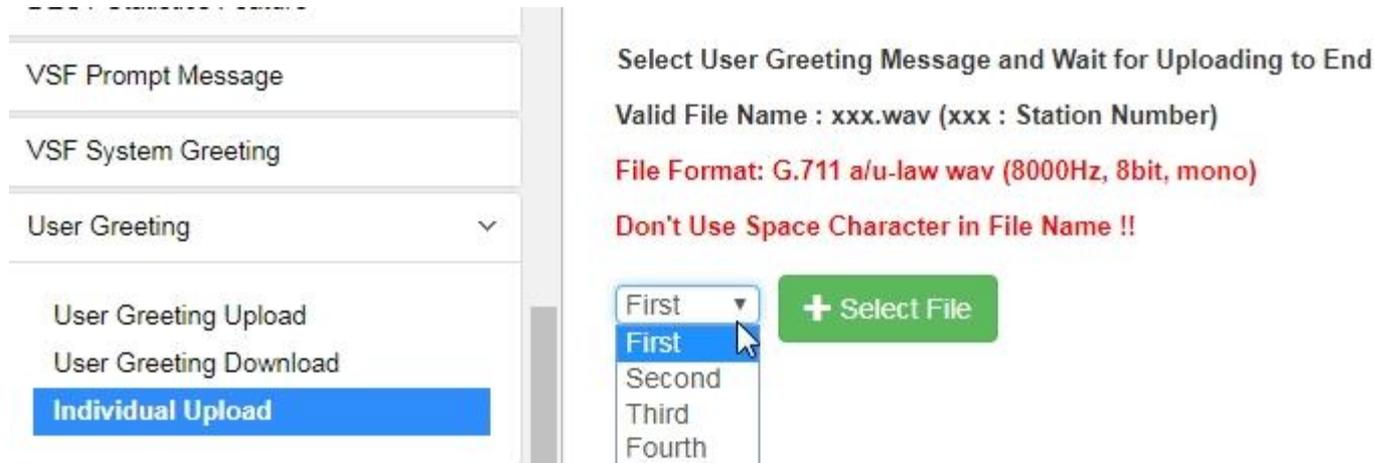
Web Admin Log View
SIP Trunk Call Fail Log View
SIP Call Info View
Web Admin Log
Version History Log
SLT Line Monitor
Packet Capture
Trace Log via web

Order ↓ ^a	ID	Date	Time	IP Address	PGM	Range	Attribute	Previous Value	New Value
294	ucp	11-23-2017	17:09	150.150.150.11	Common Attributes(140)				
295	ucp	11-23-2017	17:09	150.150.150.11	Common Attributes(140)	1	DISA Account Code	ON	OFF
296	ucp	11-23-2017	17:10	150.150.150.11	Common Attributes(140)				
297	ucp	11-23-2017	17:10	150.150.150.11	Common Attributes(140)	1	DISA CO Access	OFF	ON
298	ucp	11-23-2017	17:10	150.150.150.11	Common Attributes(140)				
299	ucp	11-23-2017	17:10	150.150.150.11	Common Attributes(140)	1	DISA Account Code	OFF	ON
300	ucp	11-23-2017	17:10	150.150.150.11	Common Attributes(140)	1	DISA CO Access	ON	OFF

V3.0 Features

Other features

- Upload individual user greeting



Select User Greeting Message and Wait for Uploading to End

Valid File Name : xxx.wav (xxx : Station Number)

File Format: G.711 a/u-law wav (8000Hz, 8bit, mono)

Don't Use Space Character in File Name !!

First
First
Second
Third
Fourth

+ Select File

The file name should be xxxx_comment.wav (example: 1000_1.wav or 1000_busy.wav)
“xxxx” should be station number

- Geographical redundancy support for UCP GW

Before:

UCP GW could not be used for geographical redundancy if it is located in NAPT

As-Is :

UCP GW could be used for geographical redundancy if it is located in NAPT

V3.0 Features

Other features

- UCS local-Remote

Before:

UCS mobile client could be used only with Remote (NAPT)
So VOIP channel should be used to communicate with local device.

As-Is :

UCS client could be used as Local-Remote if the UCS client is connected to AP using bridge mode. So, VOIP channel does not need to communicate with local device.
(To use this, UCS version 6 client should be used)



To use Local-Remote mode on UCS
“Call Local Mode” should be enabled

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