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Release Note

NEAX^â2400 IPX

8400 Series Software (Release 9)

NEC America, Inc. Corporate Networks Group

1.0 OVERVIEW

With the release of 8400 Series Software, NEC America Inc. (NEC) provides yet another winning solution to the needs of the business community. The 8400 Series Software maintains all of the great features and flexibility found in the previous generations of the NEAX family of PBXs, while at the same time providing a cost-effective implementation of new features as well as enhancements to existing features.

2.0 New Features

2.1 IP Trunk support for CCIS/FCCS-Light (P-MP)

8400 Series software is designed to support the IP trunk card for both CCIS and FCCS when connected in a point to multi-point network.

The IP trunk card will be released under a separate Dear Associate letter.

2.2 IP Station support

8400 Series software is designed to support the IP station card when connected to a D^{term®} Series E that has been IP enabled using NEC's IPW-U IP station adapter.

The IP station card, as well as the IPW-U adapter will be released under a separate Dear Associate letter.

2.3 Call Redirect

This feature allows a D^{term} user to view on the D^{term} display the station number or Caller ID of an incoming call and immediately redirect the call by pressing a Function Key. The destination of the Call Redirect will be the Call Forward Do Not Answer destination or the Recall destination (if the call is transferred and no Call Forward Do Not Answer destination is set).

2.4 Call Forward by Service Feature Class

This feature will implement all types of station based Call forwarding (CF-Busy, CF-Don't Answer, CF-ALL) to a predetermined number, based on the Service Feature Class (SFC) of the Called Station. This feature may be set using common or split forwarding depending on system programming.

2.5 ISDN Name Display for NI2

This feature allows Name display provided under NI2 to be presented and displayed on a D^{*term*}.

2.6 Canadian French Display on D^{term}

This feature allows the system to display standard prompts in French Canadian.

2.7 Calling Station Number Display Elimination

This feature eliminates the Calling Station Number display displayed on the D^{term} for privacy or security purposes.

Currently when a station connects to a D^{term}, the number of the station appears on the D^{term's} display. This feature introduces two new SFI's, a calling and a called number blocking SFI. Depending of the setting of the SFI's of the two stations, either the station number or '******' will be displayed on the D^{term's} display.

2.8 Account Code Override

This feature allows an account code to be entered during a conversation overriding the original account code entered for that conversation.

2.9 Remote Call Forwarding Control

This feature allows a user to call into the system from a remote location and change the forwarding destination of their phone.

User must set up a station specific identification code, used to identify them to the PBX when they call the number dedicated to the remote call forwarding control feature.

2.10 Consultation Hold Release

This feature allows a person who is trying to establish a three-party conference to easily disconnect the third party by pressing a feature key.

Many users find it difficult to disconnect the third party when trying to establish a conference call. For example if they get the person's voice mail, they may not know how to get the voice mail system to disconnect. This feature allows them to forcibly disconnect this third party. This feature also will disconnect the third party in an established three-party conference.

2.11 PCS Dukane Nurse Call

This feature allows the integration of a Dukane nurse call system using the Open Applications Interface (OAI) and the Wireless terminals in order to perform the nurse call function.

2.12 Station Hunting by Incoming Call Type

This feature allows station calls to be restricted from activating station hunting, this is controlled on a Service Feature Class basis.

2.13 Enhanced DCS Support

8400 Series software is designed to support a new double density fiber interface being prepared for use with the Distributed Communication Server (DCS).

3.0 Enhanced Features

3.1 Analog Caller ID enhancement

This enhancement allows the ANI/CPN information to be displayed when the call is transferred, previously, when a call was transferred, the call ID would show the transferring station. With this enhancement, the Caller ID information for the party being transferred will be displayed.

3.2 Hold on Consultation Hold Enhancement

This feature allows a person who is on Consultation Hold to invoke the hold feature. As an example, station A calls Station B, presses the transfer key and calls station C. Station B is now on consultation hold, prior to this feature, station B could not utilize the hold feature, with 8400 Series software they may now invoke the hold feature.

3.3 Hotel Alert Enhancement

This enhancement allows for a D^{term} as a guest phone to have its alert status print out on the Hotel printer. Previously there were some states that would not printout.

3.4 PMS-Called Number Fields Expansion on SMDR Message

This enhancement allows the number of digits in the PMS SMDR field to be expanded from 16 to 32 digits. Additionally, more detailed information about the call may be passed to the PMS system.

3.5 PCS-OAI Hand-Over

This feature allows a wireless set, when connected to an OAI application to not lose the OAI connection when moving from Zone to Zone (Cell to Cell).

4.0 Fusion Features

In order to achieve the stated goal of making Fusion Networking (FCCS) 100% feature transparent, as well as enhancing FCCS networking with new and exciting features, the following have been added to the growing list of Fusion Ready Features:

For those that have been keeping count, the score stands as follows:

- Business has 293 Features
- 30 are currently not available with FCCS
- CCIS has 88 Features
- 7 are currently not available with FCCS
- The 7 unavailable features are data features
- ACD has 55 Features
- All are available with Agent Anywhere and FCCS
- Hospitality has 64 Features
- 9 are currently not available with FCCS

4.1 Multiple ACD Agent-Anywhere

This feature allows for more than one agent anywhere group to be assigned in an FCCS network. Prior to this feature, only one agent anywhere group could be assigned in an FCCS network, with this feature, multiple systems in an FCCS network may support agent anywhere. Note that if a system is using agent anywhere, those agents can only be supported from one system, agents provided using agent anywhere can not be controlled by multiple systems.

4.2 ATT Overflow over FCCS

The attendant overflow feature allows a call that rings to the attendant to overflow to a station, after a predetermined time. This enhancement allows the overflow station to be any station within an FCCS network.

4.3 Internal Zone Paging over FCCS

Internal Zone Paging is a feature that allows a user to page over the speakers of a group of D^{term} instruments. This enhancement allows a user in one system to activate a zone page in a different system over FCCS.

4.4 Listed Directory Number -Fusion

This feature allows listed directory numbers to be assigned on a network basis, previously these were only allowed to be programmed on a system by system basis.

4.5 Uniform Call Distribution – LDM

This feature allows for all UCD data to be assigned in the Local Data Memory of the system as opposed to the existing data memory.

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