Release Note

NEAX®2000 IVS²

Business / CCIS / ISDN / WCS

2000 SERIES SOFTWARE

1.0   OVERVIEW

With the release of 2000 Series Software, NEC America, Inc. ushers in a new era in Business, Network & Hotel communications. Series 2000 Software maintains all of the great features and flexibility of 1900 Series Software while at the same time providing a more scalable, cost-effective implementation of enhanced features and capacities.

While the *command* structure of 2000 Series Software remains substantially the same (70% of commands unchanged) there has been minor changes in some commands to accommodate new capacities and future enhancements. These changes affect mainly the number of characters used to designate certain data entries.

2.0   A SCALABLE SOLUTION

2.1   Software Supported Capacities

The 2000 Series Software design is laid out in a modular fashion so that each system can be economically tailored to meet its specific needs. Only purchase the features and capacities that are required, no more and no less. 2000 Series Software gives *you* the power of choice. This choice extends over the following ranges:

Start Here ⟶   24 Port Basic System Package[1]

Expand ⟶   48 Port Series 2000 Software (FD)[2]

Add Options ⟶   128, 256 or 512 LT-Port Capacity
1, 4 or 8 CCIS Links (CCH)
or Wireless Option

2.2   Memory Supported Capacities

In addition to direct control over "Software Supported" capacities, 2000 Series Software allows control over "Memory Supported" capacities. This control is granted by the addition or non-addition of the Expansion Memory Module (PZ-M537), which mounts on the Main Processor Card. The following table delineates these capacities with and without the Memory Module.

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[1] *Includes One PIMF, one CP14 (MP) with 24 Port 2000 Series Software that supports 24-LT Ports and one T1/E1 interface.*

[2] *Includes 48 Port 2000 Series Software (FD) supporting 5 T1/E1 Interfaces, 5 ISDN-PRI DCHs, ISDN-BRI, 48 LT Ports and Remote PIM capability.*

Memory Supported Capacities Table

Feature	Capacities (PZ-M537)		Feature	Capacities (PZ-M537)	
	Without	With		Without	With
Stations + Trunks[3]	384	768	Wireless PS	128	256
DID # Conversions	500	1000	ISDN-BRI Stations	64	128
Analog Stations	256	512	Data Stations	64	128
Digital Stations	256	512	Call Forward Outside	240	496
Virtual Extensions	256	512	Auth/Acct/DISA IDs	1000	3000
Virtual + Digital Station	512	768	Message Reminder	512	1024
Name Display	256	512	Station Speed Dial	4000	10,000
Built-In SMDR Buffer	256	1280	PS Simultaneous Connections	128	216
D^{term} + Analog + PS	256	512			

Table 2.21

2000 Series Software not only provides a more scalable solution for "initial choices" (new installations) but also extends this modularity to subsequent choices (additions/upgrades). No longer will it be necessary to replace all software when it is desired to merely expand one capacity, say the quantity of CCIS Data-Links. 2000 Series Software differentiates between the Series of Software (the Generic Load[4]) and the specific Options/Features, making the choice *yours* to upgrade Software Series Only, Options/Features Only or to upgrade both.

3.0   NEW BUSINESS FEATURES

3.1   Dial by Name

This feature allows a Multiline Terminal with LCD display to search for a desired number by name. The search can be conducted by *"Key Word"* (first 4 letters of entered name) or by use of the *"Up/Down Key"* that will appear on the Soft-Key display. Dial by name may be registered to "System Speed Dial Buffers" and to "Station Speed Dial Buffers". A maximum of 16 Characters may be entered for the name. The "Station Speed Dial Buffers" can be administered at each users phone.

3.1.1   TYPICAL APPLICATION

Provides efficiency in dialing and management of speed dial numbers. Telephone users have the contacts they need right at their fingertips. Productivity is harnessed and frustration is diminished. When a Multi-Line user finds the name that is desired they merely depress a Line/Trunk key or go off-hook to originate their call.

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[3] *"Trunks" include both* Analog Trunks *and* Digital Trunks *(T1/E1). Initially, 512 LT-Ports plus 120 Digital Trunks will be supported for a System Maximum of 632 Stations + Trunks.*

[4] *The Generic Load of software is what is referred to as the "Series" of software. It is this "Generic Load" that determines what the overall Business/Hotel*

3.2   Set Relocation

This feature allows two stations to be exchanged with one another (swapped) without reprogramming station data via a Maintenance Administration Terminal. This feature can be performed by the Station User from one of the telephones that it is desired to *Re-locate* merely by dialing an "Access Code" + "*Authorization Code*" + "Set Relocation Code" + "Station Number to Re-Locate with". The *Authorization Code* entry is optional based on customer requirements and system data programming.

This feature is available for "Multiline to Multiline (differences in quantity of keys does not matter[5])" or "Single Line to Single Line". This feature is not available for "PS to PS" or "Single Line to PS".

When a station is associated to any of the following features, it cannot be moved:
- Single Line with DSSCON
- Multiline with Add-On Module
- Multiline with APR adapter or Dual Path

3.2.1   TYPICAL APPLICATION

Any office or business where two or more people need to share the same phone but their Class of Service or Restriction features are different. Phantom D^{term}s could be set-up within system data and assigned to various individuals. When a particular individual was to use a particular phone he could bring his *"Phone Image"* (swap) down to the desktop via the Set Relocation Feature.

This is also a valuable feature during normal station moves or office swaps.

3.3   Name Assignment for Virtual Extensions

Names can now be assigned to Virtual Extensions. A maximum of 16 Characters can be assigned to Virtual Extensions or Primary Extensions. The system maximum is 512 names (refer to *Table 2.21*).

3.3.1   TYPICAL APPLICATION

In a Shared Office environment DID calls can be directed to Virtual Extensions. Names can be assigned to the Virtual Extensions. The Virtual Extensions are then call forwarded to the appropriate answering position where the name will be displayed prior to answer.

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[5] *When Set Relocation is performed on Telephone Sets with different quantity of buttons, the phone instruments should also be exchanged to insure access to Line/Trunk Keys that may appear on one phone but not on the other.*

3.4   Multiple Day/Night Mode by Station Dialing

This feature allows a Station[6] with the proper Class of Service to activate/change one of four modes of operation. These modes of operation can be set on a System Wide basis to affect the *"Terminating System[7]"* for incoming trunks. To place the system into one of the modes the user goes off-hook and dials the Access Code followed by the digit 1, 2, 3, 4, dependant upon mode to be set. The Station user may also go off-hook, depress a Feature Key followed by the digit 1, 2, 3, 4, dependant upon mode to be set. The following modes are available by dialing 1, 2, 3, 4, after having entered an Access Code or depression of the assigned Feature Key:

- Day Mode (Dial 1 – If Feature Key assigned LED is Off)
- Night Mode (Dial 2 - If Feature Key assigned LED is lit-red steady)
- Mode-A (Dial 3 – If Feature Key assigned LED is Red-flashing, 60ipm)
- Mode-B (Dial 4 – If Feature Key assigned LED is Red-flashing, 120ipm)

3.4.1   TYPICAL APPLICATION

All incoming calls ring to a group of 3 stations (A, B, C) during normal business hours. During Lunch-periods or special meetings incoming calls must ring at an alternate group of 3 stations (D, E, F). During after hours all incoming calls are to terminate to Voice Mail.

3.5   Tenant Allocation for TAS via Digit Conversion

The *Digit Conversion Tables* for incoming Direct Inward Dial trunks have been enhanced to allow Tenant assignments to incoming calls on a *Received Digit* basis for purposes of terminating to varying TAS (Trunk Answer any Station) keys.

3.5.1   TYPICAL APPLICATION

In a *Shared Office Environment* TAS Keys can be assigned on a Tenant basis to various departments or business's controlled by a NEAX2000 IVS[2] allowing the incoming DID calls to ring at multiple stations within the desired department/business and be answered from specific keys providing "visual indication" of the designated line.

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[6] *This feature should be assigned to only one station because the mode status indication is only visible by the setting station. If multiple stations are attempting to use this feature confusion could ensue.*

[7] *The "Terminating System" refers to the method employed to direct a call to a specific answering position.*

3.6 Number Sharing

This feature allows the D^{term} Station (the Main Station) user to share an Extension Number with a D^{term} PS (Wireless Station – Sub Station). When the user is at his/her desk, calls are terminated to the Multi-Line phone. When the user is away from his/her desk, calls are terminated to the D^{term} PS.

3.6.1 TYPICAL APPLICATION

Busy executives, who are often in and out of their office no longer have to remember to set call forwarding. They merely depress a function key on their Multi-Line phone to *toggle* their calls to their D^{term} PS. In like manner, secretaries and other office personnel no longer have to remember two telephone numbers for both the Multi-Line phone and the PS share the same number.

3.7 Data Memory Partial Clear – Enhanced

The ability to *clear* specific areas memory has been enhanced by providing a greater degree of specificity. With 2000 Series Software, on an individual basis, the following memory areas may be cleared:
- Basic Service Features
- Numbering Plan
- ID Code assignment (MP Based)
- Digit Conversion on DID
- Maximum Digit assignment
- LCR/Toll Restriction Tables

3.7.1 TYPICAL APPLICATION

Several technicians have performed data entry at the same site. ID Code problems have escalated and the numbering plan has become quite confused. The easiest solution is to clear the ID Code Data and Numbering Plan Data and start from scratch. This is now possible without affecting other programming information.

3.8 DESKCON Flexible Key Assignment Enhanced

The number of keys on the SN716 Desk Console that are flexibly assignable has been increased from 20 to 26 (not counting Soft-Key Assignment).

3.8.1 TYPICAL APPLICATION

An Attendant console that requires many specialized Trunk Busy Lamp Keys, LDN Keys and Feature Keys now is more customizable for the specific application.

4.0   EXPANDED BUSINESS FEATURES/CAPACITIES

4.1   24 Line/Trunk/Feature Keys (No Limit-No Hassle)

All 32-Button D^{term} Series E and 24-Button D^{term} Series III phones can be allocated 24
Line/Trunk/Feature Keys with 8/12 One-Touch Keys. This setting is made via System Data
Programming allowing individual assignment of the 24/32 Button sets. There is *no-limit* on the
quantity of D^{terms} that can be so assigned.

4.1.1   PREVIOUSLY

Previously when a D^{term} Phone required 24 Line/Trunk/Feature Keys it was necessary to assign a
"Phantom Add-On Module" and associate that module to the D^{term} in need of the expanded Line-
Key functionality. Therefore, the previous limit for 24-Button sets utilizing all 24-Keys for
Line/Trunk/Features was 32.

4.1.2   BENEFIT

The previous method impinged upon system capacities and the maximum quantity of supported
DSS/BLFs and Add-On Modules. It also limited the quantity of phones that could utilize 24
Line/Trunk/Feature Keys to the maximum number of DSS/Add-On modules allowed, 32. Now,
by the setting of one bit in System Data programming any and all 24/32 Button D^{term}s can be
assigned this functionality with no additional impact upon system capacities or maximums. This
is of great benefit to the end-user whose desires for more Line Key appearances can now be
economically met.

4.2   Personal Station Expansion[8]

The maximum capacity of Wireless Personal Stations has been expanded from 168 to 256. The
impingement upon *"System Ports"* has been cut in half and PS assignment procedures have been
simplified.

4.2.1   PREVIOUSLY

Previously when assigning a Personal Station it was necessary to assign a Virtual Single Line
and a Virtual Trunk that required association to the Personal Station number. This took away
two ports from the overall system capacity.

4.2.2   BENEFIT

Now, only the Virtual Single Line requires LEN assignment and thus, only one-port is used per
Personal Station. Virtual Trunks are already allocated for association to PSs at system default,
simplifying the Wireless programming required. The "Virtual Trunks" that are pre-allocated for
Personal Stations do not count against the overall Trunk Maximum of 256. Bottom-line, 2000
Series Software supports a larger system with more PS's at a greater cost-benefit to the customer.

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[8]*Memory Card mounted to MP required for 256 maximum – Refer to Table 2.21.*

4.2   ZT Expansion

Zone Transceiver capacities have been increased from a maximum of 96 to a maximum of 128. In addition, a Wireless implementation is more cost-effective with the NEAX2000 IVS^2 because the –48Volt Power Supply can now be mounted within each PIMF (**P**ort **I**nterface **M**odule). This means that the PWRM Cabinet is no longer required.

4.3.1   PREVIOUSLY

Previously, a maximum of 96 Zone Transceivers could reside in the system and for every 24 Zone Transceivers another PW91 Power supply had to be mounted in a separate cabinet, the PWRM.

4.3.2   BENEFIT

Cost Savings and reduced space requirements are two of the benefits that end-users will appreciate. Cost savings are achieved in three ways:
1) Overall Space Requirements are reduced
2) The cost associated with the PWRM Cabinet is no longer necessary
3) The Wireless portion of a system can share the Internal/External Battery Back up of the normal system rather than having to be equipped with a separate battery supply.

End users will also appreciate the *"Smaller Footprint"* of an Integrated Wireless system without the need of the PWRM Cabinet.

4.4   CCIS Expansion

Support for Common Channel Inter-office Signaling Data-Links (CCHs – Common Channel Handlers) has been expanded from a maximum of 4 to a maximum of 8.
> *Note: A maximum of 5 CCHs may be Drop and Inserted over one T1 Span. If using External CCH connections (RS232) in association with Digital voice channels this maximum does not apply. For more information on this and the application example presented below refer to Application Note 700099000.*

4.4.1   PREVIOUSLY

Previously, the maximum number of CCIS Data-Links was four.

4.4.2   BENEFIT

CCIS over VoFR, VoIP, VoATM has become a hot subject. In almost all Voice over applications the network must be setup in a HUB and Spoke topology. One PBX is connected to four or five other remote PBXs. The number of "voice channels" required at these remote sites is generally small. Therefore, one T1 Span can be fractionalized to provide up to 5 CCIS connections to 5 remote sites.   With CCIS expansion, the NEAX2000 IVS^2 is in a better position to meet the needs of today's small to medium sized networks.

4.5   16 Character Station Name Display

Station Name assignment has been expanded from 8 Characters to 16 Characters. 16-Character name display is supported both *internally* and via *CCIS* between two or more NEAX®2000 IVS^{2}s or between a NEAX®2000 IVS^2 and a NEAX®2400 IMX.

4.5.1   PREVIOUSLY

Previously name display was limited to 8 Characters unless being controlled by a Property Management System. In addition, only 8 Characters for Name Display could be sent or received across a CCIS Span.

4.5.2   BENEFIT

Provides a more descriptive name for departments, Hotel Rooms, D^{term} PSs and individuals. This increases the efficiency and personal-touch of any business.

4.6   Expanded Application Processor Support

The quantity of Application Processor Packages supported in the NEAX®2000 IVS^2 is the result of expanded capacities within 2000 Series Software and hardware changes[9] on certain Application Circuit Cards. Application Processor support has been expanded to a maximum of 24. Application Processors control many sophisticated processes within the PBX i.e. CCIS, ISDN, Ethernet/OAI connection and Wireless implementations, to name a few.

4.6.1   PREVIOUSLY

Previously, the maximum quantity of Application Processors that could reside in the PBX was 12.

4.6.1   BENEFIT

Allows more flexible deployment of side-by-side applications. Example: 24 ISDN-BRI Trunks + a CCWorX Call Center + One T1 for CCIS connection to a remote site requires a total of 15 Application Processors.

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[9] *Many of the Application Processor Boards have been enhanced to provide for "Expanded Sense Wheel" settings. "Sense Wheel Settings" are used to designate the "Virtual Address" of each specific Application Processor within the system. Not all Application Processor Boards will support the "Expanded Sense Wheel" Settings.*

4.7   Route Pattern Expansion (LCR)

The quantity of Least Cost Routing Route Patterns has been expanded to 256. Route Patterns are assigned to *"Dialed Digits"* and are used to inform the system as to what Trunk Route should be used and what if any, digit manipulation or control should be applied to the *"Dialed Digits"* prior to sending them out a designated Trunk Route.

4.7.1   PREVIOUSLY

Previously, the total number of Route Patterns available was 64.

4.7.1   BENEFIT

Allows for greater flexibility in Least Cost Routing. Example: A large CCIS Network where the Four Digit extension number assigned to all phones match the DID Number assigned to the phone. The primary choice when calling an extension located at another office is the CCIS Trunk Route. If the CCIS Trunk Route is *"down/unavailable"* the call is *alternatively* routed over PSTN trunks. When the call is re-routed the appropriate digits must be added (this is digit manipulation) to match the appropriate area code and office code of the called station. If there are a lot of offices in a network of this kind a greater degree of differentiation, based on how the call should be handled (in our case, what digits to add) is required. Expanded Route Patterns provide this *Differentiating Power*.

4.8   Digit Addition Pattern Expansion (LCR)

The quantity of Least Cost Routing Digit Addition Patterns has been expanded from 50 to 256. Each Digit Addition Pattern can add up to a maximum of 32 digits in front of a dialed number.

4.8.1   PREVIOUSLY

Previously, a maximum of 50 Digit Addition Patterns were available.

4.8.1   BENEFIT

Allows greater flexibility for *Alternative Routing* in large CCIS Networks (see example above).

4.9   Trunk Access Code Expansion

Trunk Access Codes have been expanded to allow from 1 to 4 digits.

4.9.1   PREVIOUSLY

Previously, a Trunk Access Code could only be from 1 to 2 digits in length.

4.9.2   BENEFITS

Allows more flexibility in *congested*[10] numbering plans. The more digits in an Access Code the more Access Codes that may be assigned.

4.10   One-Touch Digit Expansion w/o Trunk Access Code

The quantity of digits that may be stored in a One-Touch key without the use of a Trunk Access Code has been expanded to 16 digits.

4.10.1 PREVIOUSLY

Previously, the maximum number of digits that could be stored without a Trunk Access Code was six.

4.10.2 TYPICAL APPLICATION

Store a Four-digit Pilot number to a voice mail system + a Seven-digit password. After the VMS answers the DTMF (password) signal is sent.

4.11   OAI Monitor Capacity Expansion

The monitoring capacity of the Open Application Interface within the NEAX2000 IVS^2 has been expanded to 256 monitored facilities.

4.11.1 PREVIOUSLY

Previously, a maximum of 128 monitored facilities were supported in the system.

4.11.2 BENEFIT

This expansion allows for greater flexibility and larger capacity in OAI applications. Example: A CC*WorX* Call Center with 80 agents, where all agents have their own pilot number for *"personal queue"*.

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[10] *The NEAX2000 IVS Family of products has always had the flexibility of setting up to four different Numbering Plans on a Tenant Basis. Refer to the NEAX2000 IVS^2 Business/Hotel/Data Features and Specifications for more information on Tenant Numbering Plans.*

4.12 Total Quantity of Stations & Trunks Expanded[11]

The total quantity of Stations & Trunks that are supported in the NEAX2000 IVS^2 has been expanded to 768 ports. Initially this total will consist of a maximum of 512 stations/analog-trunks *plus* a maximum of 120 digital trunks (T1/E1).

4.12.1 PREVIOUSLY

Previously, the total quantity of Stations and Trunks that were supported was 512.

4.12.2 BENEFIT

This provides greater system capacity with less worry of exceeding maximums.

4.13 Digital D^{term} Stations Expanded[11]

The maximum number of Digital D^{term}s supported in the NEAX2000 IVS^2 has been expanded to 512 without impinging on the previous Virtual Extension maximum of 256.

4.13.1 PREVIOUSLY

Previously, the maximum number of D^{term}s that were supported in the system was 384 and at this maximum the number of Virtual Extensions allowed was 128.

4.13.1 BENEFIT

This provides greater flexibility in the deployment of *Digital Stations* and *Virtual Extensions* to meet the needs of varying businesses.

4.14 Virtual Extension Expansion[11]

The maximum number of Virtual Extensions has been expanded to 512. A maximum of 256 Virtual Extensions are supported regardless of the quantity of Multi-Line Digital sets. As Digital sets increase above 256 the supported quantity of Virtual Extensions is decremented, one-by-one from the maximum of 512. Shown below are various combinations of these maximums to better understand this relationship between Virtual Extensions and Digital sets:
- 256 Virtuals and 512 Digital Sets
- 384 Virtuals and 384 Digital Sets
- 512 Virtuals and 256 Digital Sets

4.14.1 PREVIOUSLY

Previously, a maximum of 256 Virtual Extensions were supported. This supported capacity decreased as the number of Digital Stations increased above 256.

4.14.1 BENEFIT

This provides greater flexibility and capacity.

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[11] *Memory Card mounted to MP required to achieve maximum – Refer to Table 2.21.*

4.15   Name Display Expansion[12]

The maximum quantity of names that can be programmed in the system has been expanded from 384 to 512.

4.15.1 PREVIOUSLY

Previously, a maximum of 384 names could be assigned in the system without the addition of a Memory Card, which occupied a System Slot (Maximum in this instance was 448).

4.15.2 BENEFIT

This provides a personal touch to all phones within the system.

4.16   DID Number Conversions Expanded[12]

The maximum quantity of Receiving Extensions that *Received Digits* can be converted to has been expanded to 1000.

4.16.1 PREVIOUSLY

Previously, a maximum of 500 Extension Numbers could be entered as the termination points for DID calls via the Digit Conversion Tables.

4.16.2 BENEFIT

This provides greater flexibility and capacity when terminating calls to desired extensions within the NEAX2000 IVS^2.

4.17   Built-In SMDR Expansion[12]

The quantity of call records that can be buffered has been expanded to 1280. In addition, the quantity of simultaneous trunks that may be monitored for billing purposes has been expanded to 255.

4.17.1 PREVIOUSLY

Previously, the maximum quantity of call records that could be buffered by "Built-In SMDR" was 256 and the total number of simultaneous trunks that could be monitored was 32.

4.17.2 BENEFIT

This provides a cost-effective means of providing billing/call-tracking information on an expanded basis and best of all, this ability is *included* on the CPU of the System.

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[12]*Memory Card mounted to MP required to achieve maximum – Refer to Table 2.21.*

4.18 External SMDR Expansion[13]

The quantity of call records that can be buffered has been expanded to 27,000.

4.18.1 PREVIOUSLY

Previously, in order to expand the call record buffering capacity of the AP00 it was necessary to add a memory card that occupied a system slot and counted against the total allowed capacity of AP Cards. When this was done the total number of call records that could be buffered were 12,000.

4.18.2 BENEFIT

The NEAX2000 IVS^2 has provided a more cost-effective method of expanding the AP00's memory capacity; a daughter board (PZ-M537) may be mounted directly to the AP00 Card. This daughter board does not count against AP capacity and does not occupy an additional system slot. In addition, the quantity of call records that may be buffered has more than doubled by this new implementation.

4.19 ISDN-BRI Station Expansion[14]

The maximum quantity of ISDN-BRI Station ports has been expanded to 128.

4.19.1 PREVIOUSLY

Previously, the maximum number of ISDN-BRI Station ports supported in the system was 96.

4.19.2 BENEFIT

This provides greater flexibility and capacity.

4.20 Data Station Expansion[14]

The maximum quantity of Data Stations has been expanded to 128. These are stations that are supported via the Data Port Controller Circuit card.

4.20.1 PREVIOUSLY

Previously, the maximum number of Data Ports that were supported was 100.

4.20.2 BENEFIT

This provides greater flexibility and capacity.

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[13] *Memory Card Required to achieve maximum capacity. In this instance, the Memory Card is mounted to the AP00-B Card.*
[14] *Memory Card mounted to MP required to achieve maximum – Refer to Table 2.21.*

4.21 Call Forwarding Outside Expansion[15]

The quantity of Call Forwarding Outside destinations that can exist in the NEAX2000 IVS^2 has been expanded to 496.

4.21.1 PREVIOUSLY

Previously, the maximum number of Outside Call Forwards was 240.

4.21.2 BENEFIT

This allows greater flexibility, capacity and manageability of call forwarding especially in a CCIS network with Centralized VMS.

4.22 ID Code Expansion[15]

The quantity of ID Codes for *Authorization, Forced Account, and DISA* has been expanded to a maximum of 3000.

4.22.1 PREVIOUSLY

Previously, in order to expand the maximum number of ID Codes to *1,000* it was necessary to add the AP01 circuit card, which occupied a system slot and counted against the total quantity of AP Cards supported in the system.

4.22.2 BENEFIT

ID Code Expansion is now more cost effective both in terms of flexibility and capacity making this feature available to a wider range of users.

4.23 Message Reminder Expansion[15]

The quantity of Message Reminders that may be set in the system has been expanded to 1024.

4.23.1 PREVIOUSLY

Previously, a maximum of 200 Messages were allowed.

4.23.2 BENEFIT

This provides greater flexibility, capacity and assurance in the setting of Message Reminders. A maximum of four Message Reminders may be set to one station, thus with this increased capacity multiple messages may be set to multiple stations without the fear of hearing the dreaded ROT.

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[15] *Memory Card mounted to MP required to achieve maximum – Refer to Table 2.21.*

4.24   PS Simultaneous Connections Expanded[16]

The number of simultaneous connections for PS's in an Integrated System has been expanded from 159 to 216.

4.24.1 PREVIOUSLY

Previously, a maximum of 159 simultaneous connections were supported in an Integrated Wireless system

4.24.2 BENEFIT

This provides greater flexibility and capacity in Wireless implementations allowing for greater traffic handling capacities.

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[16] *Memory Card mounted to MP required to achieve maximum – Refer to Table 2.21. Also, the quantity of simultaneous connections is dependant upon the quantity of ZTs provided in the system. Each ZT supports 3 simultaneous conversations.*