

KTS Technical Assistance Center Service Information Bulletin

Furthermore Additional Enhancements for V3000 IPK CPU Software

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Introduction

This Service Information Bulletin applies to NEC IPK Key Telephone Systems with version 3000 CPU software or above.

As part of our continuous improvement of the NEC IPK Key Telephone System version 3000, NEC Business Solutions has just released the following new additional features for version 3000.

The following features have been introduced as part of the release v3000 of the IPK System.

- Hot Key Pad
- Interactive Softkeys
- Increase of Characters for Station Name
- User Programmable Station Name
- DNIS Name Display for Transfer Calls

To coincide with these additions, please visit the website (www.necbs.co.nz) and download the latest copies of the following manuals: **NEC IPK Features & Specifications Manual, Programming Manual and the Station User Guide for version 3000.**

NOTE: All other manuals have remained unchanged.

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Revision History: MAT & CAT v3.06 to v3.07

Please note:

NEC Business Solutions has been investigating reported issues, that when using the IPK MAT v3.06 & v3.07 software in Xen Master/Axis mode, to upload any system changes could have an impact on existing Primary Rate services. More details are provided below.

Even though NEC Business Solutions have commercially released version 3.07 to cater for the new release of the above features, NEC Business Solutions **recommends** that the IPK MAT software "**ONLY**" be used for the Xen IPK Systems, and not to be used on the Xen Master/Axis system until further notice.

Contact me if you need the latest Xen R6.00 MAT

Please be aware of the following reported issues when using the IPK MAT v3.06 & v3.07 software in Xen Master/Axis mode. These are still outstanding issues which require to be resolved.

- When the Xen Master System is using existing PRi-30 services in (Cabinet 2 Slot 1) and new PRi-10/20/30 channels services are added to (Cabinet 1 Slot 4) only some of the existing PRT trunks are available.
- When programming priorities within the RAB (Route Advance Block) using MB 1-1-30 these programmed tables are not uploaded into the Xen Master system.

Our intention is that the above issues will be resolved in the next release of the Xen IPK MAT software. This will be available in the near future.

Hot Key Pad

This feature allows Multiline Terminals to make an outgoing or internal call by pressing digits on the Dial Pad of the MLT, without pressing the Speaker Key or Trunk Key before going off-hook.

LCR or ACR can be used in conjunction with the Hot Key pad when placing an outside call.

The Hot Key pad feature use's the system assigned access codes to determine if the call is an internal or an external call.

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Interactive Softkeys

This only applies to MLT's such as DTU & DTR style handsets. Currently speed dial scrolling directories; Account Codes for both Forced/Verified and Xen Mail make extensive use of these keys to guide a station user effortlessly through difficult use of feature operations.

Interactive Softkeys change state based on the following conditions of the display terminal.

- On-Hook – Idle
- Call Origination
- Conversation mode
- Incoming Call State

User Programmable & Increase of Characters for Station Name

This feature allows each user to program their Station Name for their extensions and/or allows the Attendant Station to program an extension in the system. The name is displayed on the MLT LCD when an Intercom or K-CCIS call is placed.

The ability for an individual station to assign their Station Name is allowed in the Station Class of Service.

The ability for an Attendant Position to assign other extension's Station Name is allowed by the Attendant Class of Service.

Up to 16 characters are allowed to be entered, but only 8 characters will be displayed during idle stage. Internal calls made to another extension will display 16 characters if permitted within system programming.

DNIS Name Display during Transferred Calls

The Dialed Number Identification Service (DNIS) feature allows the display of Name, Extension Number, and/or Caller Id (if available) for an incoming DID call.

In version 3000 CPU software the DNIS number and name is displayed during a transferred call when a name is programmed in the DNIS field in MB 1-1-22.

Note: The DNIS number and name display has priority over Caller Id data when both are assigned.

If the DNIS number and name is available, it will be displayed after answering the trunk call for 5 seconds.

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Please note: that additional information, including the feature operations & service conditions about the new and enhanced features, can be found within the Features & Specifications Manual, which is currently available from the website <http://www.necbs.co.nz>.

Availability

Version 1XXX and V2002 IPK systems can be upgraded to version 3000 CPU Software by purchasing the corresponding EPROM Chip's 1 & 2 and PAL chip if required, from NEC Spare Parts by quoting the following information:

Description: NEC IPK Release 3000 CPU Software
Stock Number: 4529261

Inserting a PAL chip (PKU 192-U13) on the new CPUI ()-U13 ETU converts the NEC IPK Basic into the NEC IPK Expanded.

Description: NEC IPK 192 PKU-UA PAL Chip
Stock Number: 8502574

Please contact your NEC Business Solutions Pty Channel Sales Account Manager, or refer to your NEC Pricelist for pricing details.

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