

## Norstar Compact Integrated Communication System Release 1(CICS) 1996

A flexible building-block design expands with your business easily and cost-effectively. Grows from a 4x8 to 8x24 capacity.

### Hardware:

- ✓ Two slots for universal 4x0 LS/DS or 4x0 CI trunk cartridge
- ✓ One expansion slot for 8 port TCM station expansion
- ✓ Up to 16 stations built in to main KSU
- ✓ Compact space saving design with built in power supply.
- ✓ Two 50-pin male amphenol connections for interconnections cables for the stations and lines ,the amphenols is also used for connection of external devices such as Music on Hold source, loudspeaker paging and a relay contact for auxiliary ringers.
- ✓ Built in analog terminal adapter (1) The Internal Analog Terminal Adapter ( I-ATA) provides one connection for a modem, fax machine or analog telephone and does not take up a station port from total number of the digital stations.
- ✓ Built in remote access device software dependable (IRAD) Once the IRAD is enabled, Norstar Remote Utilities software, allows remote programming for adds, moves, changes and troubleshooting. Moves, adds and changes can now be done from a remote site.



### Key popular features include:

- ✓ Supports Voice mail
- ✓ Integrated Automated Attendant
- ✓ Computer telephony integration (CTI)
- ✓ Supports all Norstar and Business Series Terminals.
- ✓ Calling Line Identification (CLID)
- ✓ Direct Inward System Access (DISA) for remote dial-in
- ✓ Auto Daylight Savings Time
- ✓ Paging
- ✓ Music on Hold
- ✓ Automatic Set Relocation
- ✓ Toll Restriction

The administration or the programming can be done from any extension on the system with M7310 phone or a larger phone. Or by using a computer with NRU (Norstar remote utility) software and connect to the FastRad either directly through a serial connection or remotely using a line.

## FEATURES OF RELEASE 1.0 Software (1996)

- ✓ Release 1.0 the Initial Release –new platform
- ✓ Three levels of passwords – installer/coordinator/system coordinator
- ✓ Personalized programming included in copy feature
- ✓ Copying programming to a range of telephones
- ✓ Built in auto attendant
- ✓ Automatic system answer
- ✓ Direct extension dialing
- ✓ Automatic daylight savings time
- ✓ Station set test
- ✓ Bit error rate test
- ✓ Rating groups (20)
- ✓ Routing service – 500 destination codes/999 routes
- ✓ Page tone on/off
- ✓ Page time out/user settable
- ✓ Automatic call information (caller ID)
- ✓ North American numbering plan compatible
- ✓ Pickup groups
- ✓ Call Park
- ✓ Page zones (3)
- ✓ System template – square/hybrid/PBX
- ✓ Loudspeaker paging
- ✓ Flexible DN #'s –2-7 digits
- ✓ Flexible line assignments
- ✓ Flexible prime line/intercom/line/pool
- ✓ Flexible # intercom keys 1-8
- ✓ Incoming line groups (3)
- ✓ Forward no answer
- ✓ Forward delay
- ✓ Forward on busy
- ✓ Do not disturb on busy
- ✓ Hands-free auto/manual
- ✓ Hands-free answerback
- ✓ Dialing options – standard/pre-dial/automatic
- ✓ Language- English/French/Spanish
- ✓ Caller ID display
- ✓ Trunk type – loop only
- ✓ Dial mode- pulse tone
- ✓ Trunk mode- unsupervised/supervised
- ✓ Full auto-hold
- ✓ Background music
- ✓ Camp timeout
- ✓ Delay ring timer
- ✓ Reminder delay
- ✓ Link/link time
- ✓ Park prefix
- ✓ Class of services
- ✓ Button inquiry
- ✓ Camp on
- ✓ Last # redials
- ✓ Privacy
- ✓ Voice call
- ✓ Call pickup directed
- ✓ Custom call routing
- ✓ Dialing modes (automatic/pre/standard)
- ✓ Hold
- ✓ Long tones
- ✓ Page (internal/external)
- ✓ Ring again
- ✓ Transfer

- ✓ Priority call
- ✓ Hotline-internal/external
- ✓ Set lock – full/partial
- ✓ Auxiliary ringer
- ✓ Allow redirect
- ✓ Redirect ring
- ✓ ATA answer timer
- ✓ User speed dialing (71-94)
- ✓ Call log options
- ✓ Display contrast
- ✓ Ring types (4)
- ✓ Restriction filters (99)
- ✓ Set restrictions (7)
- ✓ External voice message set
- ✓ Line type-public/private/pool
- ✓ Auto privacy
- ✓ Answer mode- manual/auto
- ✓ System speed dial 01 –70
- ✓ On hold tones/music/silence
- ✓ Transfer callback rings
- ✓ Hold reminder
- ✓ Set relocation
- ✓ Direct dial/code
- ✓ Remote access/DISA
- ✓ COS passwords
- ✓ Call duration timer
- ✓ Call queuing
- ✓ Message notification
- ✓ Save number redial
- ✓ Voice call deny
- ✓ Call pickup group
- ✓ Conference (3 parties)
- ✓ Group listening
- ✓ Line redirection
- ✓ Messages (send/cancel)
- ✓ Priority call
- ✓ Ring type (4)
- ✓ Auto bumping (call log)
- ✓ Call log password
- ✓ Memory buttons (internal/external autodial and feature)
- ✓ Exclusive hold
- ✓ Show time
- ✓ Personal speed dials (71-94)
- ✓ Call duration timer
- ✓ Call forward

#### Voicemail Capabilities:

- ✓ Star talk (A, B, C) release 2.0. 4 L
- ✓ Star talk flash release 1.7 or higher
- ✓ Star talk Mini 2.5 or 2.6 (Not recommended it's not Y2K compliance)
- ✓ Norstar Application module (NAM) all releases.

#### ACD application

- ✓ Flash ACD release 1.9 or higher
- ✓ ACD Minuet release 1 or higher
- ✓ ACD Prelude, CinphonyI, Cinphony II Release 2 or higher

#### Norstar Remote Utilities (Remote programming options)

- ✓ Norstar manager 3.5 or higher (3.7 recommended)
- ✓ Norstar remote utility (NRU) release 5 or higher

#### Desktop application

- ✓ CTA 100
- ✓ CTA 150i (Discontinued)
- ✓ CTA 160i

#### Hardware Compatibilities:

##### Modules:

- ✓ LS/DS Analog Trunk Cartridge
- ✓ Caller ID Trunk Cartridge
- ✓ Combination Services Cartridge
- ✓ Services Cartridge (DISCONTINUED)

##### Auxiliary Equipments:

- ✓ Door phone and Door opener controller (DOC)
- ✓ SMDR5 or higher
- ✓ ATA 2
- ✓ Fast RAD and fast RAD2
- ✓ VMI
- ✓ Central Answering Position (CAP) module
- ✓ Busy Lamp Field (BLF) Module
- ✓ Polycom Audio conference unit (ACU)
- ✓ Norstar VOIP Gateway unit
- ✓ DS30 station port adapter

##### Telephone sets:

- ✓ M7100
- ✓ M 7208
- ✓ M7310
- ✓ M7410
- ✓ M7324
- ✓ T7100
- ✓ T7208
- ✓ T7316 (the first 6 button will not function as a line button only as a feature button)
- ✓ T7316E (the first 6 button will not function as a line button only as a feature button)
- ✓ T7406