



2N[®]

StarGate BlueTower



2N[®] StarGate/BlueTower & Siemens HiPath(series 3000)

connected via ISDN trunk

Quick guide

Version 1.00

www.2n.cz

ISDN TRUNK INTERCONNECTION

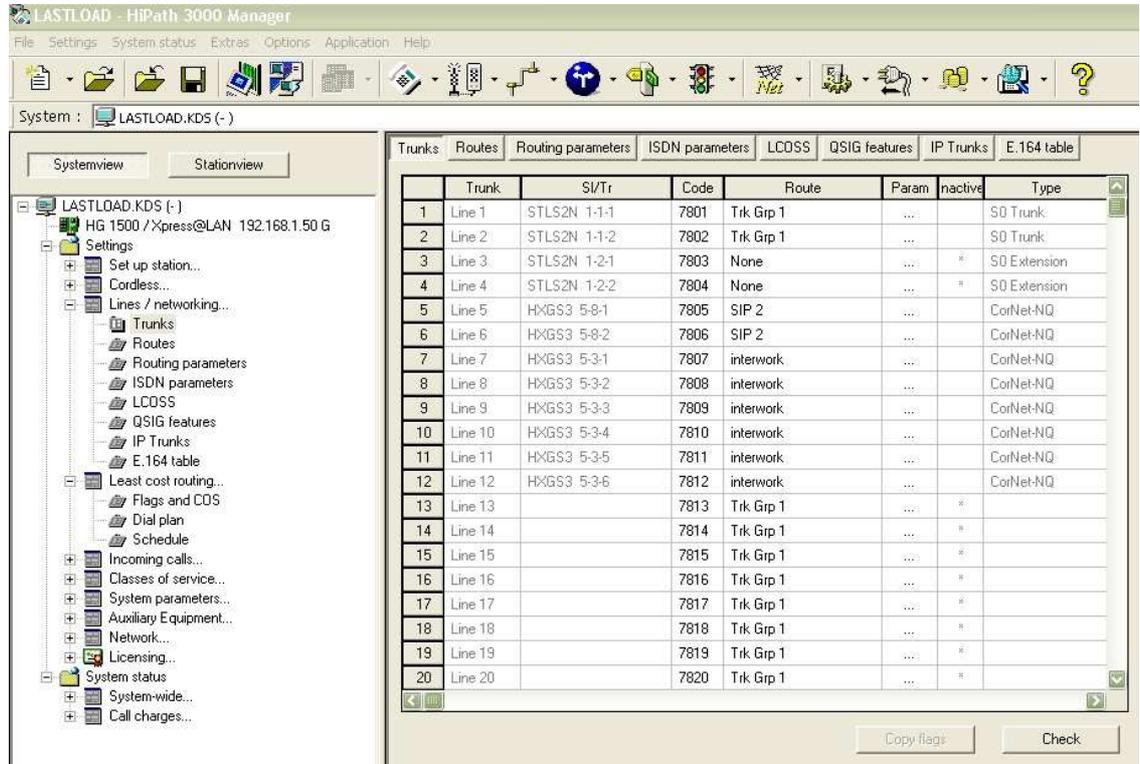
1) Set 2n gateway as NT device according following picture.

The screenshot shows a configuration interface for ISDN parameters. On the left is a 'Topics' sidebar with a tree view containing: Gateway control, Gateway configuration (expanded), System parameters, VoIP parameters, ISDN parameters (selected), Port modes, GSM basic parameters, GSM groups assignment, GSM outgoing groups, GSM incoming groups, Prefixes, LCR table, CLIP Routing table, and Restart. The main area is titled 'ISDN parameters' and contains the following settings:

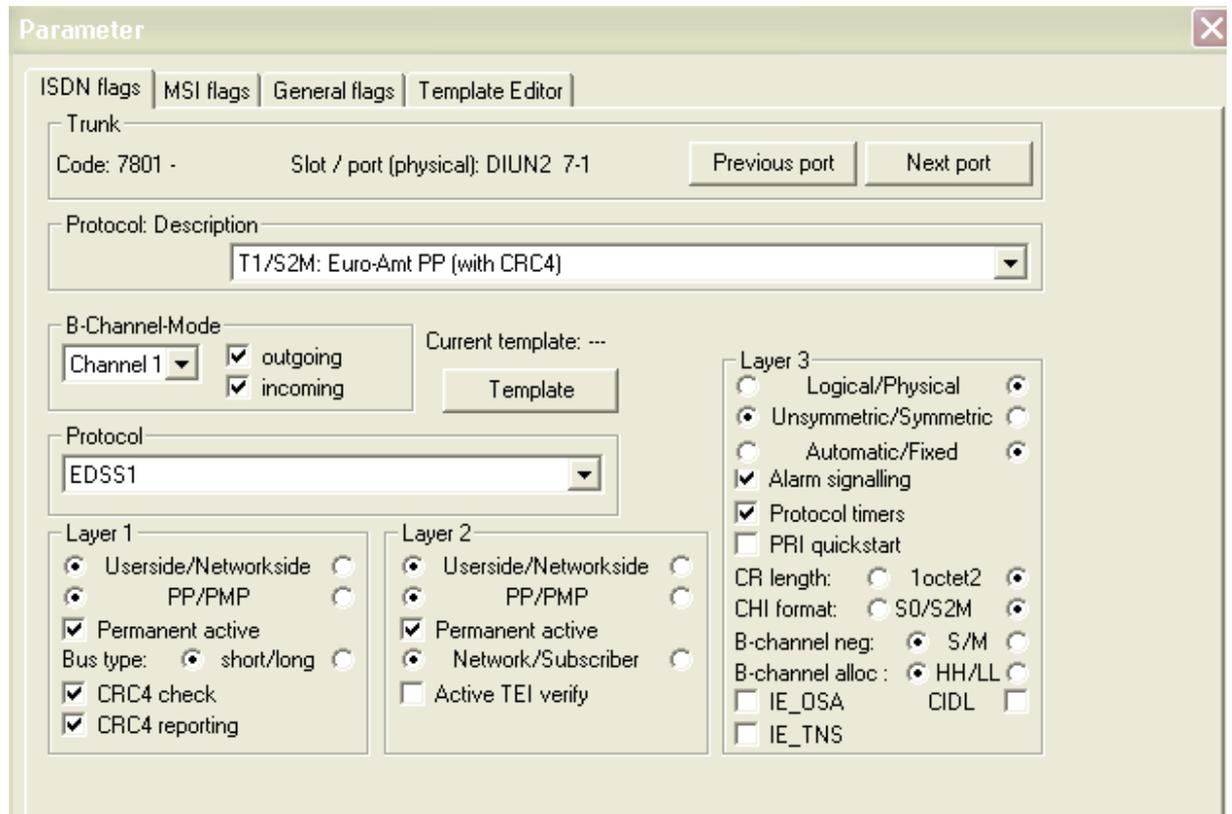
- ISDN**
- PRI 1**
 - ISDN PRI port type : NT
 - Synchronization : Slave
 - Channel number select : Upwards
 - Preferred channel : 0 (0 = no preferred)
- PRI 2**
 - ISDN PRI port type : *ZE*
 - Synchronization : *Master*
 - (Valid only if PRI 2 exists)
 - Channel number select : Upwards
 - Preferred channel : 0 (0 = no preferred)
- TEI address : 0
- Assignment of GSM-channel : Locked
- CRC (Valid for both PRI ports if they are presented)
- Progress element values :
 - Message SETUP ACKNOWLEDGE : 8 (0 = off)
 - Message PROGRESS : 0 (0 = off)
 - Message PROCEEDING : 8 (0 = off)
 - Message ALERTING : 8 (0 = off)

2) All other settings like routing etc are described in gateway manul.

- 3) In Siemens go to trunk settings. Select the line with the ISDN port connected to gateway and doubleclick in Param. column cell. Screenshot is showing BRI example of 4 ISDN ports. 2 of them are set as trunk and the other 2 as Extension. PRI gateway will be connected as Trunk type T1/S2M.



- 4) Siemens PBX needs to be set according next picture



- 5) Optionally you may deny take a clock from the other ports than gateway is connected to. Otherwise, if the PBX goes down, once the PBX is up again it may choose synchronization from other ports and cause trouble to other ISDN ports. Following settings prevent this.

The screenshot shows the LASTLOAD - HiPath 3000 Manager software interface. The main window is titled "LASTLOAD - HiPath 3000 Manager" and has a menu bar with "File", "Settings", "System status", "Extras", "Options", "Application", and "Help". The system name is "LASTLOAD.KDS (-)".

The interface is divided into several panes:

- Systemview / Stationview:** A tree view on the left showing the system configuration. The "ISDN parameters" folder is selected.
- Trunks / Routes / Routing parameters / ISDN parameters / LCOSS / QSIG features / IP Trunks / E.164 table:** A series of tabs at the top, with "ISDN parameters" currently active.
- Allowed nos. list:** A table with columns "Position" and "Allowed nos. list". All entries are "None".
- Denied nos. list:** A table with columns "Position" and "Denied nos. list". All entries are "None".
- *USBS:** A section with input fields for "x - parameter" (200), "y - parameter" (200), "internal call number" (891), and "DID call number" (891). There are also fields for "national / international Prefix", "international prefix", and "national prefix" (0).
- MSN assignment to lines:** A table with columns "MSN" and "Trunk". MSN values 1-10 are listed, and all "Trunk" values are "None".
- Buttons:** "Reset", "Apply", and "Help" buttons are located at the bottom right.



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