

# STN2681

## Multi E1 Solution



### STN2681 Multi E1 Solution

The latest technology STN POS Networking products are flexible, integrated solutions designed to eliminate the overheads of general routing functions. With STN 2681, companies can focus on only their business operations rather than solving complex networking and operating systems problems and configuration set-ups.

### Architecture

The STN2681 is the perfect POS networking solution for branch offices and central sites. It supports 240 ISDN PRI channels with 8 E1 cards, 2 x Ethernet/IP uplink cards and redundant dual power supplies. STN2681 supports 1200 / 2400 / 9600 / 14400 / 33600 / 50600 bps rates. Dual power supplies offering uninterrupted operation are hot swappable. The router card supports 10/100Mbps ethernet connection with IP protocols..

### Open Development Environment

STN products are based on "open development architecture", it gives great flexibility to customize products according to customer requests now and near future.

### Open Development Environment

The STN2681 can be managed by WEB and SSH services remotely. To manage STN products you do not need any special program, the only need is WEB browser by Https protocol . Another alternative is STNVIEW-Suite (GUI). STNView-Suite is a web-based program, gives GUI interface to access management program.

STNVIEW-Suite is the web-based server program, The agents are reporter, gateway, authorization, status, configuration. These 5 agents handle all management functionality in distributed architecture.

ANMP (Advanced Network Management Protocol) is developed for STN series of products. By using DLL's supplied by STN, it is easy to add a server, an application program, database as an object to STNVIEW-Suite . There is only need to define an object to STNVIEW-Suite and reply STNVIEW-Suite requests from targeted object by using supplied DLL's.

### FEATURES

- \* Central - Branch device
- \* ETSI standard
- \* Less energy consumption
- \* Dual redundant power supplies independently
- \* All cards are hot-swappable
- \* Supports up to 8 E1 lines (240 digital channels)
- \* ISDN PRI (Balanced E1 - 120 Ohm)
- \* ISDN PRI line control facility
- \* ISDN PRI Line control facility to determine defectives line
- \* Multiple Host connection with backups based on NII values
- \* Forced NII Routing
- \* VLAN tagging by Called number
- \* Call verification over White List (Between Predefined Numbers)
- \* Supports ISO8583, VISA I, VISA II
- \* Supports SDLC (V22,V22B,V29) fast Connect modem speeds
- \* Supports PPP protocol (V32Bis,V34 ,V90 )
- \* Supports GSM protocol (V110)
- \* Asynchronous and Synchronous modem format support
- \* Application level awareness
- \* ISO8583 authorisation/reversal messages ratio
- \* Supports SSH , HTTPS for management
- \* Supports Host connections by DNS
- \* User definable trigger values to manage operation
- \* Last 100 txn's ratio's (living)
- \* Chassis capacity is in "full usage" alarm
- \* No overflow on modem cards statistics
- \* No need for management program for configuration download and operation
- \* Outbound device management (UDP)
- \* Intelligent error recovery procedures
- \* Object oriented management program,reporting facility, 'collect what you need'
- \* Remote trace (Syslog file ) and Tcp dump (as \*.pcap file) facilities.
- \* Remote parameter update and firmware downloading

## STN2681 SPECIFICATIONS PHYSICAL SPECIFICATIONS

### PHYSICAL DIMENTIONS:

Width: 19" (with modules)

Height: 5U

All inputs are in front (ETSI standard)

Modular Card System up to 8 cards for E1 and 2 cards for Uplink

### ELECTRICAL:

AC Power: 85/230 VAC, 50/60 Hz, Standard dual power supply, autosensing

### OPERATING ENVIRONMENT:

Humidity: %5-%80 non-condensing

Operating Temperature: 0-40 C

### PROCESSOR:

Multicore Arm Processor

### CARDS SPECIFICATIONS

#### WAN PHYSICAL CONNECTIONS:

RS232C/V.24 low-speed port

#### MODEM CARDS: (DSP based)

Modulations: V.22, V22bis, V29, V32, V32bis, V34, V90, V110

Modem Speeds: 1200bps, 2400bps, 9600bps, 14400bps,

33600bps, 50600bps

Displays: Channell active, idle status

#### DISPLAYS

LEd's for various status Display, Uplink-1 and Uplink-2 active /inactive, PRI up/down, All E1 cards active /inactive.

