

# MEDIO IN

## MEDIO IN – Product Description

The Intelligent Network (IN) Platform from SITRONICS TS is founded upon the powerful and reliable MEDIO digital switching platform. Like MEDIO, the IN Platform is inherently flexible and modular and provides the necessary foundation from which to launch services quickly and efficiently, partially due to a user-friendly graphical Service Creation Environment. A unique feature of the IN Platform is that it provides operators with real-time fully convergent billing of both value-added services and regular voice and data traffic.

## Benefits

- Unparalleled time to market
  - Easy for network operators to introduce new services when required
- Increased revenues and ARPU
  - Simple launch of user-demanded services
  - Various and rich services increase traffic and service usage per subscriber
  - More services yield more spending per customer

- Greater customer satisfaction
  - Customer satisfaction grows with new and greater access to convenience enhancing services
  - Diverse services for different segments of subscribers
- Greater efficiency and productivity
  - IN services can be easily integrated with the FORIS BSS/OSS software solution from SITRONICS TS and third-party systems
  - No downtime; high reliability
- Optimised CAPEX
  - Modular and scalable solution that can be easily expanded
- Lower TCO
  - Low demands on operational environment
- Investment protection
  - Built-in tools that operators can use to design and implement new services
  - Easy migration to NGN

## Services that Generate New Revenue

The IN Platform from SITRONICS TS enables the implementation of an entire spectrum of services, such as information services, various types of pre-paid services and other value-added services (VAS) that appeal to specific customer segments. The benefit for network operators and service providers is the possibility to categorise service offerings according to customer segments. Basic services provided include:

### Freephone (FPH)

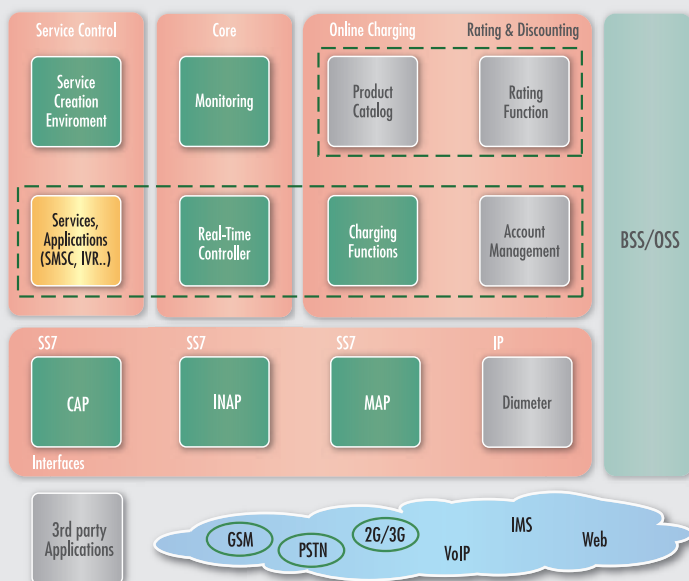
This service makes it possible to charge calls to the account of the customer of the service instead of the caller. This service is particularly popular with corporate clients who use it especially for marketing purposes and is also widely used by state institutions.


### Universal Access Number (UAN)

UAN allows subscriber access with a single number from a territory or designated area, for example country, region, etc. The service subscriber can designate where the call should be directed according to location from which the call is made.

### Premium Rate Services (PRS)

This service enables the charging of a tariff rate to a subscriber who calls a number with a premium rate when both making





a call and receiving information. These are chiefly lines for providing content, both voice and data (via dial-up access).

### Virtual Private Network (VPN)

This service allows the provision of private network services using the resources of public networks. Connections of various exchanges create virtual private branch exchanges which offer similar features as an actual private branch exchange, for example:

- Own numbering plans
- Lower rates for calls within the VPN
- Call transfer services
- Call holding
- Other network services

### Prepaid Card Calling (PCC)

This service allows the subscriber to make a call from any line to any number with the call charged against pre-paid credit purchased in the form of a card. This service addresses new customer segments.

### Account Card Calling (ACC)

This service allows the subscriber to make a call from any line to any number with the call charged to a virtual account. The service provider administers the account to which funds can be added at any time using credit card.

### Credit Card Calling (CCC)

This service allows the subscriber to make a call from any line to any number with the use of a bank debit/credit card.

### Televoting (VOT)

VOT allows the subscriber to participate in telephone voting. The calling subscriber is invited to call a number that represents the option for which the subscriber wishes to vote, or a number

that allows the subscriber to vote by entering an opinion via touch tone selection (DTMF) from a push-button telephone.

### Number Portability

NP is a legal requirement in some markets. It enables the customer to keep his telephone number in the event of a change of service provider.

## Technical Specifications

### Performance

- Up to 4Mio subscribers

### Communication protocols

- CAP, INAP, MAP (TDM and SIGTRAN transport)
- Diameter
- SMPP
- SOAP

### Operation & Maintenance

- Management – SNMP
- Provisioning – XML

### Hardware

The system runs on industry-standard hardware equipment from IBM and on Intel ATCA® compliant platforms for carrier-grade reliability, performance, scalability and modularity. The system provides a comprehensive framework for configuration, provisioning and monitoring for optimal allocation of network resources and system parameters.

SITRONICS Telecom Solutions, Czech Republic a. s.  
Ohradní 1369/8  
140 00 Praha 4  
Czech Republic

tel.: +420 211 029 111  
fax: +420 241 480 870  
E-mail: sales@sitronicsts.com  
www.sitronicsts.com