

DAMERY VOIP SOLUTION

Help for small and medium-sized operators to meet growing subscriber demand for local and long-distance voice communications via CATV network

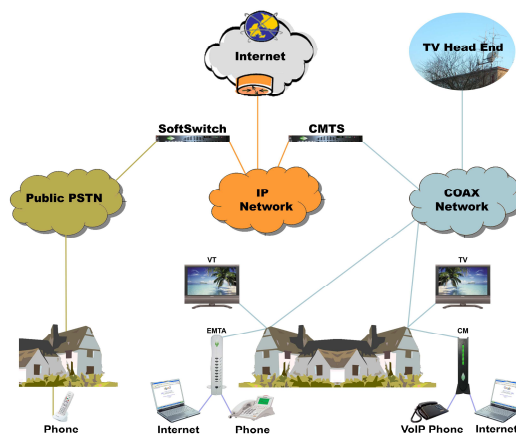
DAMERY VOIP Solutions are designed to entitle service providers with an all-in-one Telephony-IP gateway including soft switch function and management tool for all various IP telephony services.

They integrate Call Routing Services, Client Management and a Reporting Platform to provide VoIP and circuit switch Origination and Termination

System Architecture

1. A next-generation VoIP soft switch (Ivory) that provides a powerful Platform for IP communication services.
2. In addition to IP capabilities, the **TelIP** gateway also offers the full range of legacy network interfaces and regulatory features.
3. Asterisk based multimedia services that will bring unprecedented levels of personalization, security and mobility to communications.
4. A CMTS able to manage the different quality of services embedded with the configuration tools.
5. EMTA
6. User telephones

Modular concept



The DAMERY VOIP Solution incorporates a soft switch, Billing server, VoIP hardware and full technical integration

TelIP enables the error free communications for :

- PC to Phone
- PC to PC
- IP Phone to Phone
- IP Device to Phone services
- EMTA to EMTA
- EMTA to internal & external phones



TelIP Gateway Specifications

DAMERY VOIP solution based on **TelIP** gateway can be configured for the different size of networks:

- Small system :10 or 50 users
- Medium Systems : up to 350 users
- Large systems : up to 750 users
- Very large Systems : up 1500 users

The **TelIP** gateway can be configured with a rich set of PSTN services and access protocols.

PSTN Interfaces

- The analogue interfaces:
 - Support for 6 FXS and/or FXO modules for a total of 24 lines
- The digital interfaces :
 - T1/E1 (24 Ds0/32Ds0)
 - Support From 1 to 4 E1, T1, and J1 environments
 - PRI (23+D/30B+D)

Codecs

- G711/G726/G723.1/G729/
- iLBC/Speex/MP3

Telephone

All types of end points like Phone Adapters, Softphones, and IP phones can be registered in the Ivory Softswitch

Call Managements

The call management is provided by Ivory software
Call transfer, call waiting, call parking, call spying, call recording, call queuing (Erlang C)

The Ivory soft switch software supports all main VOIP voice services and access methods

VOIP protocols

- Fully-featured SIP lines with transparent feature operation
- IAX
- H323
- MCGP
- Skinny/SCCP
- UNISTIM

Call Services

- Make the call to the PSTN
- Make the call to Same Network
- Make the call via CATV Network

User Administration

- Personalised dial plan
- Voice Mail solutions
- Mail box
- Multi-port conferencing
- Billing support
 - Prepaid/Postpaid Billing
 - Web based customer care and self provisioning
- Monitoring call detail in real time
- Accounting management
- Multi-level commissioning
- Report and invoicing
- CDR Management
- IVR support for Balance and Credit Account Time
- Real Time AAA (Authorization, Authentication, Accounting)

SYSTEM EVALUATION/MORE INFO

Please contact our sales department:
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