

Project Title:
IMS network support

Client's Name (Country):
NDA (Sweden)

The Challenge:

Customer is developing set of embedded products, including IP Residential gateways with Ethernet/ADSL/Fiber wideband access support, built-in Ethernet switch, WLAN, NAT-functions, VoIP-FXS, FXO functions, ISDN-ports, SIP protocols support, H.323, T.38, built-in voice mail server. Customer's software was developed for years and was not maintainable. Our purpose is to re-design it and to port it to multiple customer's platforms and product. Also we have a task to enhance a functionality of software and add support for IMS networks.

The Solution:

We have re-designed and re-factored existing software for SIP protocol support, as well as related functionality. We have also enhanced functionality of the existing application, as well as took part in creating set of functionality demos for customer.

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Tools and Technologies:

- Embedded Linux (TI platforms);
- VoIP (SIP), IMS;
- C/C++, Perl, Tcl/Tk;
- Automated testing system;
- Host simulator environment.

Dates

From January 2004 till April 2009

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