

Protocol-independent Number Portability

Immediate and ongoing cost savings as well as rapid payback

Market requirements for Number Portability

LNP/MNP enables landline and cellular subscribers to keep their existing call number in the case of changing their provider. All of the European regulatory authorities are claiming the provision of Number Portability from all of the operators.

The purchase of your own LNP/MNP platform is more cost-effective than the outsourcing of these services and will result in a fast payback.

System description and advantages

Using LNP/MNP of ConverCom you dispose of secure and economic solutions for Number Portability which can be extended by additional routing functionalities (origin, time, and screening).

The data management can be implemented with a dedicated database or with an interface to an existing data management system e.g. using CORBA.

From the Log entries in text files or a database each routing decision can be retraced.

The link to your network can be **INAP CS1**, alternative **INAP derivatives**, **ISUP** and **SIP**. The signal transport is made over conventional links, high speed links or Ethernet using SIGTRAN.

The solution of ConverCom is independent of the brand of your switch and the switch technology (C7 / IP). If the system has to work in an international environment we adapt the solution to the country-specific porting requirements.

Performance and availability

In terms of bandwidth, size of tables and routing functions the LNP/MNP service can be used in each network and has an extremely high performance: the response time for routing functions using multiple requests in very big tables is lower than one millisecond.

All components of the platform are redundant and highly available, i.e. mated pairs for the signaling part and N+1 architecture for the LNP/MNP hosts.

Profitability

MNP and LNP of ConverCom are cost-effective, arbitrarily scaleable, and are implemented ready for operation in about 2 months.

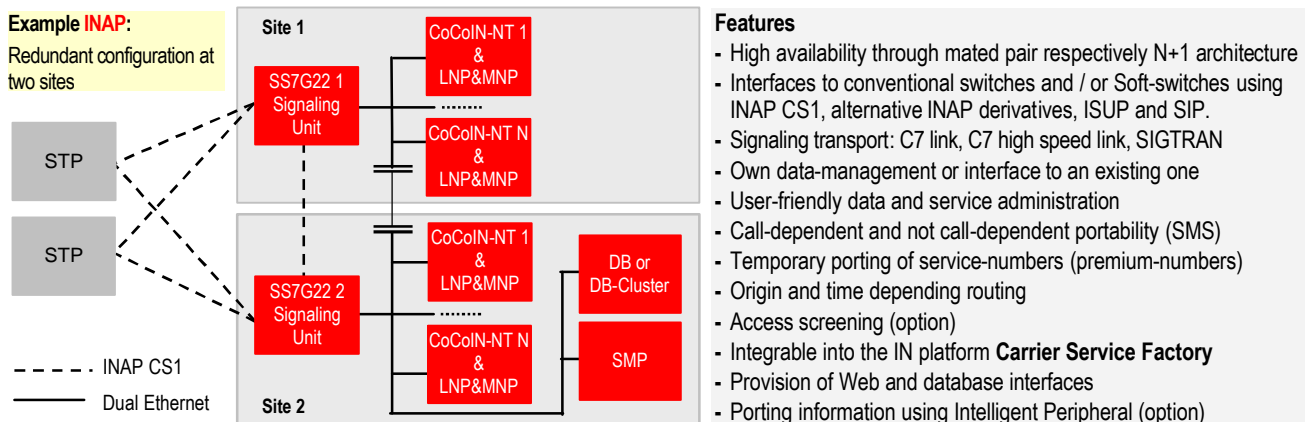
The economic calculation is quite simple:

$$\frac{\text{Investment MNP/LNP of ConverCom}}{\text{previous ext. monthly cost} - \text{monthly M\&S ConverCom}} = \text{months till payback}$$

From our experience the payback of investment is only a few months – after that you can dispose of these permanent savings.

LNP/MNP can seamlessly be integrated into the **Carrier Service Factory** of ConverCom. This graphical Service Creation Environment enables you to combine routing functions and multimedia-services at will. With its web interface your customers can edit and change their blacklists, routing tables, prompts etc. on their own.

Optimization of costs and functionality



The price of the LNP/MNP solution of ConverCom based on open standards technologies of Dialogic® and Intel® is considerably favorable compared with conventional system. Based on your current call volume on MNP and / or LNP we are pleased to submit our proposal to you – flanked by a profitability analysis.