



## CSF Number Portability

Optimization of costs and functionality with ConverCom's Carrier Service Factory for IP, SS7 or mixed operation

### Market Requirements

Number Portability enables landline, cellular and service subscribers to keep their existing numbers in the case of changing their provider. The regulatory authorities urge provision of local, mobile and service number portability by the operators.

Purchasing an own solution by the operator is more economical than outsourcing.

### Solution Characteristics

ConverCom's Enhanced Number Portability ENP for local, mobile and service number portability is a highly available and cost-effective solution with fast access to large databases. The solution is expandable with additional routing criteria such as origin, time and access screening. As a further option we offer porting-announcements with media servers.

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

From the log entries to text files or databases, any routing decision can be traced.

ConverCom's number portability is independent of the brand and protocol (C7 / IP) of your switch. The link to your network can be SIP, INAP CS1, alternative INAP derivatives, and ISUP. The signal is transported with conventional links, high-speed links or Ethernet using SIGTRAN.

If number portability is to be used in an international environment, we adapt the solution to the country-specific porting requirements.

### Performance and Availability

In terms of bandwidth, size of the tables and routing functions ConverCom's Number Portability meets the requirements of even very large networks: The response time for routing functions with multiple queries in very large tables is less than a 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 Number Portability Hosts. Also geo redundancy is available.

At reboot the current memory state is automatically restored

For high availability, each server is autonomous.

### Profitability

ConverCom's Number Portability is cost effective, arbitrarily scalable and ready for operation in about 2 months.

With your own solution, you will save the current service costs. In addition, with the included net optimization you can reduce bandwidth to the incumbent and cut the interconnection costs dramatically.

Depending on your current call volume the payback of investment is only a few months — then you will benefit from ongoing savings.

Please contact us to discover your potential.

## Carrier Service Factory for Universal Services

In addition to Number Portability, Value Added Services and further solutions are available with the same CSF-platform. This leads to minimization of investments and of maintenance and training costs.

- The multichannel environment in the Intelligent Network provides innovative and economic inbound and outbound services via phone, fax, email, SMS and video. Speech Automation ensures caller convenience and efficiency. With the CSF Service Creation Environment for IN Routing and Media, the network operator and its resellers manage, create, test and deploy any customized Value Added Services.
- Smartphone Apps e.g. for CSF statistics
- Basic Routing Services for Corporate Number / Virtual Private Network
- Net ACD and Net PBX
- Tailor-made solutions for any areas in the carrier network according to your requirements
- Open API interfaces