

# Efficient transformation using innovative parameterized application



**The Customer who was a major Swedish fixed network operator faced an End-of-Life challenge with its existing legacy Intelligent Network (IN) platform.**

## The business challenge

The customer, a major Swedish fixed network operator had B2B and B2C telecom services running on legacy IN platforms. The customer wanted to develop a parametrized service, transforming from its current services that was individualized to the degree that each of the tens of thousands of customers potentially had their own service instance. The IN platform was approaching end-of-life. It was a challenging complex service configuration with a major consideration to ensure cost efficiency.

## The Tieto solution

Tieto developed an innovative application based on a state machine pattern and a noSQL database. During the development Tieto extracted service configuration from legacy IN SCP/SDP and transformed the information to drive the state-machine implementation. To further enhance the efficiency the Oracle SDP was integrated with Fault- and Performance management systems. The Tieto solution enabled efficient transformation and cost reduction for the customer.

## Service features

Tieto helped the customer to develop an innovative parameterized service. The customer was able to enhance their services using innovative parametrized application.

## Services

Enterprise and consumer services such as free phone, premium rate, conditional routing, cost capping etc.

## Technology used

- E-INAP/INAP ph1, ph3
- Hybrid MRF: SIP-I/ISUP, HTTP/VoiceXML
- Voicemail

### **Customer business challenge**

- Creation of innovative IN platform to transform legacy systems
- Retention of cost efficiency

### **How Tieto helped**

- Developed application based on a state machine pattern and noSQL database
- Integrated Oracle SDP with Fault and performance management systems

### **What customer achieved**

- The Tieto solution enabled efficient transformation and cost reduction for the customer

### **About Telecom Operator**

Major Swedish Telecom Operator providing B2B and B2C telecom services

### **Want to know more?**

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