Nokia Siemens Networks
Revenue Assurance & Fraud Management

Nokia Siemens Networks

Secure your revenue streams over the whole life cycle

Over the years, the extent of revenue leakages and fraud losses across the global communications industry has been very well documented. Many industry specialists have identified a plethora of revenue leakage categories that exist among different types of communication service providers globally.

But only recently has the industry started to analyze the sources of these revenue leakages i.e. to become aware of the common causes, which give rise to such different types of losses. Research has indicated that the three principal reasons for most revenue leakages are the following:

- Poor system integration between the switches, intelligent networks, mediation and billing
- Configuration changes in the network elements
- New product development and the associated tariff configuration

These revenue leakage sources are expected to become even more significant over the next few years, due to the roll-out of next generation networks and the launch of more advanced value-added services.

Industry experience has also highlighted several challenges that have to be encountered when deploying automated revenue assurance and fraud management solutions. Communication service providers usually don't complain about the lack of functionality of their new systems. However, they are often dissatisfied with the overall utilization of their system, which is a result of the combination of technology, people and process challenges.

A system integrator with both an in-depth knowledge of telecoms networks and systems, as well as a recognized level of revenue assurance and fraud management expertise, would be best placed to minimise these project risks. The specialist system integrator approach would ensure a reduction in the payback period of any planned revenue assurance or fraud management system investment.

Top 3 sources of revenue leakage*
- Poor system integration between switches, intelligent networks, mediation & billing
- Configuration changes in the network elements
- New product development & tariff configuration

Nokia Siemens Network's holistic revenue assurance and fraud management approach fulfills all the requirements of communication service providers. It enables operators to select the solutions, products or services that match their specific revenue assurance and fraud management requirements at any particular time.
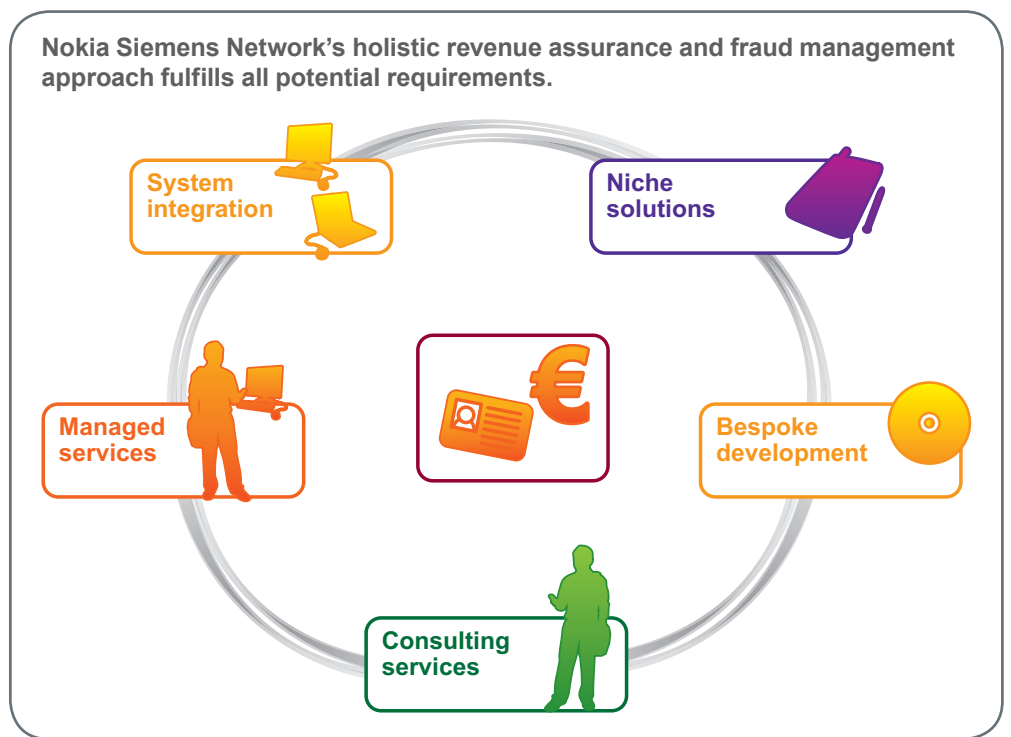
System integration can be offered for a wide range of leading revenue assurance and fraud management systems in the industry, with Nokia Siemens Networks also providing all the hardware and third party software, including local after-sales support.

Niche solutions such as bypass detection, test call generation and signaling monitoring can either be deployed by Nokia Siemens Networks as a stand-alone solution or can be customized and integrated with the deployment of other automated revenue assurance and fraud management solutions.

Bespoke development is offered by leveraging Nokia Siemens Networks' software development capability, which can address client specific solution requirements, such as the enhancement of in-house automated solutions, the integration of different tools and the development of dashboards for revenue assurance and fraud management solutions.

Consultancy services provide support during all stages of revenue assurance and fraud management technology deployment and includes Nokia Siemens Networks' data analysis services, capability assessments, system optimization audits and organizational development support.

Managed services involves Nokia Siemens Networks taking direct management responsibility for the supply and operation of the revenue assurance or fraud management

Nokia Siemens Network's holistic revenue assurance and fraud management approach fulfills all potential requirements.

System integration

Niche solutions

Managed services

Bespoke development

Consulting services

system, based on different deployment options as well as numerous commercial models.

Nokia Siemens Networks' Revenue Assurance & Fraud Management global business function consists of a team of highly skilled revenue assurance and fraud specialists, who have previously held operational and technical roles in a wide range of mobile and fixed operators around

the world, as well as in numerous market leading system vendors and consultancies. Nokia Siemens Networks' global Revenue Assurance & Fraud Management business function is part of its fast growing Business Solutions unit, which has established itself as a leading global provider of Operation Support Systems/ Business Support Systems solutions, including system integration and consulting services.

Every effort is made to ensure that our communications materials have as little impact on the environment as possible

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