

**INDUSTRY****Telecom  
Product Engineering  
Services****Developing value-added  
services for a Wireless  
Intelligent Network****PROJECT HIGHLIGHTS**

The services developed included Freephone, calling card, calling name presentation, incoming call screening, pre-call advertisement, credit card, personal number and premium rate. This involved:

- Design of the database and service logic flow chart
- Implementation on SCE and loading on SCP
- Functional testing on SCE
- Integration testing with real NEs or simulated NEs. SS7 message generators like MGTS, Turbo-7 etc. were used.
- Service provisioning, i.e. registration / modification of subscriber profile.
- User guide for the service

L&T Infotech helped a leading telecom manufacturer to add value-added services to its CDMA switching system.

**THE CLIENT**

Our client is a leading, telecom equipment manufacturer.

**THE CHALLENGE**

The client wanted a host of new, value-added services for its CDMA-2000 switching system (3G). The system used TIA/EIA IS-771 specification for Wireless Intelligent Network and IS41D for cellular inter-system communication.

**THE PROJECT**

The scope of the project included:

- Understanding WIN related TIA specifications specially IS-771 and IS-41D
- Understanding all Network Elements (NEs) in the mobile system. NEs include SCP (Service Control Point), SMP (Service Management Point), SCE (Service Creation Environment), IP (Intelligent Peripherals), HLR (Home Location Register) and SSP (Service Switching Point) i.e. MSC.
- Creation of new services for the WIN system

**TECHNOLOGY & EXPERTISE**

Compaq / DEC Alpha Server and Sun Enterprise Server were used. Each Network Element in the system consisted of two machines, i.e. CE (Computation Element) and LM (Local Manager).

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L&T Infotech offers comprehensive, end-to-end software solutions. We focus on key verticals, viz. Manufacturing, Banking & Financial Services, Insurance, Energy & Petrochemicals and Telecom-Product Engineering Services. We leverage our business-to-IT connect to offer our clients pre-tested, domain-specific solutions. That's why we say that our business knowledge is their winning edge!

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