



Select Engagements: Bell Canada

Bell Canada embarked on a project to build an advanced Operational Support System (TNOSS) to control the Fibre Optic network and T3 traffic. Chaeron principals were instrumental in the design, development and delivery of the TNOSS system. The initial system was successfully delivered on schedule and on budget in 60 days. Further enhancements to the system were delivered on time, under budget and exceeding functional expectations.

Chaeron personnel were responsible for the architecture of the application solution, which included:

- Object-oriented system design
- Industry best practices
- Scalable Multi-Tier Architecture
- Flexible, extensible, maintainable application code
- User Interface design/implementation
- Advanced Event Management infrastructure
- Integration of external switching equipment (Alcatel, etc.)
- High-performance, Real time event monitoring and display
- Automated and manual network provisioning and rerouting

Chaeron personnel also conceived of, designed, developed and delivered:

- Service routing dependency control/display functionality that saved Bell approximately \$2M every time it was used

Technologies employed:

Core language	C++
Cross Platform/User Interface development	Neuron Data Elements Environment
Platforms	HPUX and Windows
Database	Sybase

Chaeron management services provided:

- User Requirements Analysis
- Business and Feature Analysis
- Delivery/Project Management

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