pulse networks
a *real-time* path to profitability

Pulse Networks
Ontario, Canada
www.pulsenetworks.com

Industry:
Communications

Annual Revenue:
US$94.2 million

Employees:
More than 500

Oracle Products & Services:

Oracle Database 11*g*
Oracle TimesTen In-Memory
 Database

"Embedding Oracle Database 11*g* into our Pulse INP gives us the fully-resilient and highly available system necessary to provide the right solution to our customers. Oracle's flexibility and price models ensure we provide quality service while keeping our costs competitive."
– Jay Kunarathnam, COO of pulse networks

Pulse Networks Leverages Embedded Database Solution to Enhance Call Flows and Reduce Costs

Since its inception in 1996, Pulse Networks has developed world class network solutions and become a proven leader in real time margin assurance and intelligent network solutions. Pulse, a division of Enghouse Systems Limited, helps carriers and service providers of all sizes save money while offering the latest in central command and control technology.

Challenges

- Upgrade the embedded database software in Pulse's margin assurance solution to obtain greater visibility while manipulating call flows for service providers
- Minimize call latency and increase customer return on investment
- Minimize capital expenses to provide customers with competitive price points during tough economic times
- Establish a foundation to provide software-as-a-service to tier-two and tier-three service providers while enhancing hardware efficiency for tier-one providers

Solution

- Upgraded to Oracle Database 11*g*—which is embedded in Pulse's intelligent network platform—a solution that provides real time margin assurance, such as policy control and call control, for communications service providers
- Enhanced data visibility to effectively manipulate call flows in real time, minimizing call latency for service providers
- Adjusted to industry trends—such as decreased capital expenditures—to ensure that service providers realize optimal return on investment for operating expenses
- Used Oracle Times Ten In-Memory Database to reduce hardware costs and increase efficiency by 30%
- Leveraged Oracle Database 11*g* to enhance hardware and software collaboration, enabling Pulse to provide cloud services in the near future

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