

Ericsson in Canada Uses OPNET for Optimizing Quality of Service in Next Generation Networks

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The Broadband and Systems Research Lab at the Ericsson R&D Centre in Montreal innovates, invents, and demonstrates future network and platform technologies for multi-access broadband solutions.

Ericsson uses OPNET Modeler to research new Quality of Service (QoS) enhancements for telecoms and Internet converged services and protocols for Next Generation Networks (NGN), a technology designed to enable fixed and mobile network convergence. Ericsson in Canada leveraged OPNET's open environment to model the NGN architecture and innovate unique QoS mechanisms. They validated the performance of these enhancements with simulation, demonstrating the results in OPNET's integrated analysis environment.

Modeler is also used to incorporate Mobile IPv6 extensions into the NGN architecture. Modeler's scenario-based design environment simplified evaluating proposed protocol enhancements and planning their integration into the next-generation network.

"Ericsson has relied on OPNET software for over a decade. We continue to use their high fidelity modeling and simulation solutions to deliver dependable, next-generation networking solutions to operators worldwide."

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