



Indra Uses OPNET Modeler® to Design Mobile Ad Hoc Communication Systems of the Future

“Mobile ad hoc networks demand a high level of performance, integrity, and availability, often in hostile operating conditions. QoS schemes are critical for service differentiation. Consequently, designing mobile ad hoc protocols is extremely complex. OPNET Modeler has proven itself an essential tool for system design.”



Indra is a world-leading IT multinational with revenues of €2.38 billion. It is ranked second among European companies in its sector in terms of market capitalization. Indra employs more than 29,000, and has clients in more than 100 countries.

Indra has a rich background in the development of mobile communication systems for the armed forces, emergency response networks, and civilian surveillance

applications. Indra leverages OPNET Modeler’s simulation environment to develop new algorithms and protocols focusing on high reliability and efficiency. Modeler’s high-fidelity simulation engine enables Indra to predict application performance in scenarios with various signaling, routing, and device configuration parameters. Modeler’s extensive library of open source models, pre-programmed workflows, and open APIs accelerates Indra’s extensive R&D.

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