

Motorola Leverages OPNET to Design the neuRFon™ Wireless Information Network

neuRFon™ is a Motorola wireless connectivity initiative in the emerging X-Internet space that provides enterprises with real-time asset information and inventory management. Combining a sensory network with system management tools and web-based user applications, neuRFon™ enables asset monitoring, location tracking, and condition-sensing to support numerous applications in logistics, manufacturing, security, and more. For example, neuRFon™ could be leveraged to monitor shipping containers, sense chemical or biological contamination, or monitor the structural health of bridges and buildings.

Motorola selected OPNET Modeler to design the neuRFon™ mobile ad-hoc network and the underlying ZigBee and power management protocols. Modeler's flexible network modeling environment, featuring a scalable discrete event simulation engine, enabled Motorola to accurately simulate realistic implementations of the neuRFon™ network.

"neuRFon™ networks create wide-ranging opportunities for business process revolutions from public safety to shipping to manufacturing. Anywhere real-time asset information and inventory management is needed, the potential benefits are enormous. Motorola's customers will rely on neuRFon™ technology to enable critical business solutions. We, in turn, rely on OPNET to ensure that our solution architecture is able to support the demands of today's enterprises."

Matt Perkins
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