



## Motorola's LTE Advanced Self-Organizing Network (SON) Helps Operators Deploy LTE More Cost Effectively

### --Motorola self-configuring, self-operating, and self-optimizing LTE infrastructure helps operators reap on-going operations and maintenance savings

ARLINGTON HEIGHTS, Ill., May 18, 2009 /PRNewswire-FirstCall via COMTEX News Network/ -- [Motorola, Inc.](#) (NYSE: MOT) today announced the launch of its Long Term Evolution (LTE) advanced self-organizing network (SON) solution that has been designed to help operators reduce operational expenses from day one of the deployment of their LTE network. Motorola's advanced SON is a 3GPP Release 8 standards-compliant solution that draws upon the company's long history in network autonomics (self-management) research and extensive expertise in planning, deploying, optimizing and managing commercial wireless networks. It includes a host of advanced features, improved architecture and leading algorithms that go beyond specifications in the standards.

Motorola's advanced SON solution, a feature of its LTE network offering that includes its recently-announced [WBR 500](#) eNodeB, will be demonstrated at the [LTE World Summit](#) in Berlin May 18-20, 2009.

Motorola's advanced SON is an integral part of an LTE network that delivers operational expense cost savings by automating previously manual steps involved in planning, deploying, optimizing and operating the network, hence lowering the need for new operation and management resources typically required to manage an additional network technology (2G, 3G, plus LTE). In addition to lowering the cost of planning and deploying LTE, the advanced algorithms and features of Motorola's LTE SON solution will help the operator dynamically optimize its network for best performance and make it simpler and easier to manage.

"LTE promises to bring extra capacity and lower cost per bit," said Paul Steinberg, chief architect, wireless infrastructure, Motorola Home & Networks Mobility. "With our advanced SON, Motorola helps operators get the best performance from their network while lowering their operating expenses to deliver true mobile broadband to the masses. Motorola's advanced SON can really make an impact on delivering operational savings over the lifetime of the network while simplifying the move to LTE."

Motorola's advanced SON solution, included in the recently released WBR 500 base station infrastructure, deploys quickly with no specialized technician expertise. The solution automatically:

- Discovers its neighbors
- Reconfigures around network failures, and
- Automatically optimizes its radio parameters

In addition, backhaul and interconnect will be automatically configured, and QoS should be self-established and autonomously optimized. Motorola's advanced SON will radically change deployment times and procedures, especially in the radio network deployment of LTE.

For more information about Motorola's LTE solutions visit [www.motorola.com/lte](http://www.motorola.com/lte)

Click [here](#) for Motorola's SON whitepaper or visit the [SON product page](#).

About Motorola

Motorola is known around the world for innovation in communications and is focused on advancing the way the world connects. From broadband communications infrastructure, enterprise mobility and public safety solutions to high-definition video and mobile devices, Motorola is leading the next wave of innovations that enable people, enterprises and governments to be more connected and more mobile. Motorola (NYSE: MOT) had sales of US \$30.1 billion in 2008. For more information, please visit [www.motorola.com](http://www.motorola.com)

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