

# LS Research announces the acquisition and deployment of EMSCAN™ NexusPlus™ EMC scanning system

CEDARBURG, WI — September 1, 2011 — LS Research, the premier wireless product development company specializing in RF design including hardware, CAD, antenna design, software development, FCC / CE certification services and certified radio modules a, today announced their acquisition and deployment of an EMSCAN™ NexusPlus™ EMC Scanning system, broadening the extensive portfolio of services offered at LSR's on-site EMC Certification Center.

The NexusPlus™ is part of the EMSCAN™ EMC/EMI scanning solution portfolio which has been on the market for over two decades.

The system is designed to rapidly identify and resolve EMC/EMI problems without the use of laboratory chamber time, with the goal of identifying potential compliance test issues during a single design cycle.

## The NexusPlus™ enables engineers to:

- Rapidly diagnose common EMC/EMI problems in seconds without the need of a compliance chamber
- Troubleshoot PCB designs for RF hotspots and current loops, enabling quick remediation of common mode radiation root causes
- Instantly validate design iterations/modifications like additional filters and shielding
- Reduce the number of PCB spins required for final compliance

“We are pleased to deliver this technology to our customers,” said Tom Smith, VP of EMC Certification and General Manager of LSR's Certification Center. “This tool will help engineers build confidence in their design choices and enable increased critical resource productivity for our clients.”



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## REAL TIME

NexusPlus™ provides insight into potential EMC and EMI programs with a comprehensive real-time diagnosis from 50 kHz to 4 Ghz.

## ACCURATE

Import HPGL and Gerber file formats and superimpose PCB layout drawings over the real-time intensity scans, giving instant visibility of the location of EMC/EMI issues.

## VERSATILE

NexusPlus™ can help effectively mitigate several issues often experienced with emissions and immunity testing, shielding and filtering effectiveness, and determining locations of common mode currents.

LS Research has established a variety of pricing options for working with their new scanner, all of which are comfortably less than the cost of reserving an equivalent amount of laboratory chamber time. LSR also offers special discounts on final compliance testing to customer who utilize the NextusPlus™ as part of their pre-compliance test program.

For more information on the EMSCAN™ NexusPlus™ Real-Time EMC Scanner please contact us at [sales@lsr.com](mailto:sales@lsr.com) or (262) 375-4400.

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