



## News Release

### Helic® and EdXact collaborate to boost RFIC design

***VRFJ™ achieves inductor model netlist reduction by 80% and slashes RFIC non-linear simulation times by 90%***

**ATHENS, Greece - GRENOBLE, France, November 16, 2005** – Helic S.A. and EdXact S.A. leading European EDA companies in modeling and verification, announce today a joint development that will result in an extension of Helic's VeloceRF™ inductance modeling, verification and synthesis tool. The new offering, called **VRFJ™**, will be based on EdXact's Jivaro™ netlist reduction technology.

Marketed as an option to Helic's VeloceRF, VRFJ is based on EdXact's Jivaro technology which comprises the most advanced netlist-reduction technology available today. RFIC designers will use VRFJ to reduce by as much as 80% the element count of inductor-heavy model netlists extracted by VeloceRF. Simulation results of "VRFJ-compressed" model netlists that are extracted at the post-layout phase of the design cycle will exhibit negligible discrepancy compared to the original "uncompressed" ones even for the most demanding non-linear analyses.

"We are about to offer to our customers superior technology that will expedite even more the RFIC design cycle. VeloceRF has been renowned for the extraction speed and accuracy of its models. Combined with VRFJ, simulation time is slashed by more than 90% even in the most demanding analyses", stated Dr. Yorgos Koutsoyannopoulos, Helic's CEO.

"We are delighted to work with Helic," said Mathias Silvant, EdXact President. "It's a great team with outstanding technology and an interesting customer base. Our collaboration will help our technology to proliferate, as the combination of our tools provides the fast, efficient and accurate RFIC design flow that customers are looking for."

VRFJ will be available by Helic to customers worldwide in December 2005. For a demonstration of the new tool and for an evaluation license please contact: [sales@helic.com](mailto:sales@helic.com).

#### **About EdXact**

Founded in March 2004, French company EdXact (Electronic Design eXtraction, Analysis and Control Tools) specializes in parasitic extraction and physical verification. EdXact's innovative netlist reduction technology won support from the French R&D department and from GRAIN



(Grenoble Alpes Incubation.) EdXact's headquarters are based in Grenoble area, France, and the company is part of "Isère Entreprendre" group. For additional information please visit EdXact online at [www.edxact.com](http://www.edxact.com).

### About Helic

Helic S.A. specializes in the development of enabling EDA technologies for RFIC and System-in-Package design. Helic's VeloceRF™ is the leading EDA tool for spiral inductor synthesis, modeling and verification and has been adopted by several renowned semiconductor companies worldwide. With a global reach and sales offices in Europe, US and Japan, Helic offers to its customers EDA tools, IP and services that enable delivery of first-pass silicon, while greatly reducing the development cycle for complex wireless transceiver products. For additional information please visit Helic online at [www.helic.com](http://www.helic.com).

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