

# Impressions Software Testing and Product Analysis

## Hardware - only half the battle for customers

We all know about the incredible advances in Microprocessor, Microcontroller, and DSP architecture. Amazing new RISC and VLIW processors are announced each week. In the embedded processor market, new instruction set extensions, new designs and increased peripheral support are being added at a rapid pace. Here are some important questions:

- Are the tools easy to use?
- Is the documentation readable?
- Is the installation straightforward?
- Can a person program the architecture?
- Is consideration taken for ease of tool usage?
- Do you know what the competitors are offering?

## ECL Impressions Testing™ :

At ECL we have learned that hardware performance is only half the battle. ECL sees more tools and processors than anyone in the industry. With an extensive background in Software Testing and Quality Assurance, our company created ECL Impressions Testing.

### *First Impressions Testing*

Provides in-depth analysis of the tools "Out of Box Experience". We focus on Product Analysis and Competitive Analysis with an eye on both Feature, Content, and Quality (FC&Q).

First Impressions gives you both quantitative and qualitative feedback on the tools. Our 50-60 page report explores all aspects of the tools - from Documentation and Packaging to Compiler Code Quality and Debugger Usability, from Web and Phone Support to Simulator Accuracy and Capabilities.

### *Deep Impressions Testing*

With comprehensive Embedded Tools Software Testing and Quality Assurance, Deep Impressions dives into the very heart of a product or group of products. Customized for each vendor, yet using the same rigorous coverage, Deep Impressions includes First Impressions plus:

- Nullstone™ Test Suite Porting, Execution and Analysis for Compilers
- Automated Software Test Design and Automated Test Execution
- Hardware-Software Integration Testing
- Complete Functional System Testing



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