# Sourcery Hardware Enablement Services

Due to the large volume of sophisticated open source platform software now expected by OEMs, hardware vendors must find new ways to increase design wins and accelerate products to market. One approach hardware companies can take is to develop in an efficient ecosystem of embedded tools, middleware, operating systems, and services.

The Mentor® Embedded Hardware Enablement Program enables hardware vendors to create such an ecosystem.

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**Program Highlights:**

- **Support for the latest open source technology**
  Hardware companies and their customers can take advantage of the latest in open source technology to reduce risk.

- **Open ecosystem for development**
  An ecosystem of embedded tools, middleware, operating systems (including Linux, Android, RTOS), and services readily available.

- **A comprehensive set of services to support open source tools and platforms**
  Services include support for platform development on bare-metal, RTOS, and open source operating systems, GNU toolchains, and embedded UIs.

- **Expert global assistance**
  Mentor’s hardware enablement solutions are supported by a team of experts around the world.

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**Advantages/Benefits:**

- **Meet the ever-growing demands of OEMs/ODMs**
  A full range of expert services and offerings to help ensure timely delivery to OEM customers.

- **Mitigate risk**
  Successful hardware builds via development services, proven technologies, and design.

- **Increase design wins and accelerate product time to market**
  Foster an open and efficient software ecosystem.

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**Sourcery Hardware Enablement Services**

Long established as the compiler for Linux® and Android development, increasingly, embedded software developers are using the GNU toolchain for proprietary software development on bare-metal and RTOS platforms. In fact, an optimized toolchain is now an essential deliverable for all new hardware coming to market.

Sourcery Services provides complete open source (GNU, GCC, Eclipse, LLVM) toolchain offerings to develop optimized code for most popular processor architectures and hardware development kits. Services include toolchain porting, IDE support for software development kits (SDKs), optimized performance libraries, advanced analysis tools, and JTAG probes for devices. In addition, Sourcery Services can build, distribute, and maintain the architecture and device-optimized versions of Mentor Embedded Sourcery™ CodeBench, both for the hardware company’s ecosystem and in the open source community.

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For more details or to begin an engagement, contact the Mentor Embedded Hardware Enablement Program Team at: me_hep@mentor.com

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