Phoenix WorkBench™ (PWB)

Collaborative development and lifecycle management for UEFI firmware and plug-ins

At Phoenix Technologies®, we understand time-to-market pressure for OEMs and ODMs. We understand the complexity of system firmware design and deployment. We also understand the need to maximize productivity and successfully execute multiple projects with limited resources.

Phoenix WorkBench (PWB) is a comprehensive set of tools and online services to take the complexity out of UEFI firmware development. Phoenix WorkBench provides a collaborative development environment and end-to-end project lifecycle management for our flagship SecureCore Tiano™ 2.x BIOS products.

Comprehensive toolkit from design to production

Phoenix WorkBench significantly increases productivity for the OEM and ODM platform engineering teams by accelerating platform bring-up, system debugging, feature customization, and developing system enhancements.

PWB is tailored to meet the needs of BIOS development engineers, QA engineers and platform project managers. PWB includes all the tools required to develop, build, flash, debug, and manage UEFI projects, as well as license commercial off-the-shelf UEFI plug-ins.

PWB seamlessly integrates with the Microsoft Visual Studio® development environment, combining functionalities from diverse point tools into a unified graphical view. PWB also supports the latest compilers.

As the PC industry incorporates new technologies into standard x86 platforms, the UEFI development environment within the PWB allows device designers to integrate these innovations quickly and seamlessly by leveraging the built-in modularity offered by the SecureCore Tiano™ 2.x BIOS architecture.
Firmware lifecycle management

The lifecycle management capabilities in Phoenix WorkBench (PWB) improve operational flexibility and efficiency by providing an interactive process for our customers and partners to manage BIOS projects and deliver high quality products on time.

Phoenix has developed the cloud-based infrastructure required for comprehensive project management, including features like online dashboards, Gantt charts, schedulers, and time tracking to maximize productivity and reduce costs for our OEM and ODM customers. Integrated issue tracking in PWB makes it easy to share knowledge, manage escalations and reach rapid resolutions.

Phoenix WorkBench allows firmware developers and project teams to leverage the exhaustive knowledge base that Phoenix has built through 30 years of leadership in the BIOS industry. Platform team leads, R&D managers and business unit executives can now benefit from the improved visibility into the firmware development processes with the ability to identify bottlenecks and track critical tasks during BIOS integration.

With the advent of the instant-on and always-connected computer, boot speed is a critical feature and an important differentiator for OEMs and ODMs. The boot speed analyzer in PWB empowers BIOS engineers with the tools required to understand the boot time implications resulting from their design decision, resulting in optimal designs for fast boot.

PWB is built on the principles of software as a service. The communication tools, RSS feeds, and email notifications built into PWB help facilitate timely and seamless communication between project teams.

PWB integrates with Subversion® with secure authentication. The online source repository in PWB enables product updates, UEFI plug-in updates and access to small silicon modules. PWB also provides early visibility into roadmaps from silicon vendors.

The talented and experienced UEFI firmware engineering team at Phoenix heavily leverages the Phoenix WorkBench for all aspects of product development, project management, quality control, knowledge sharing and collaboration. OEMs, ODMs, partners and distributors can now enjoy closer interaction with Phoenix engineers, with early access to products and better visibility into Phoenix processes.

Please contact your local Phoenix office to learn more about what Phoenix WorkBench can do for your business.
Phoenix WorkBench:
Project explorer, modules, plug-ins, with integrated issue tracking

Phoenix WorkBench:
Online project management, dashboard, and issue tracking
Phoenix WorkBench:
SecureCore Tiano™ source editing for plug-in modules

Phoenix WorkBench:
Integrated project dashboard and source editing