

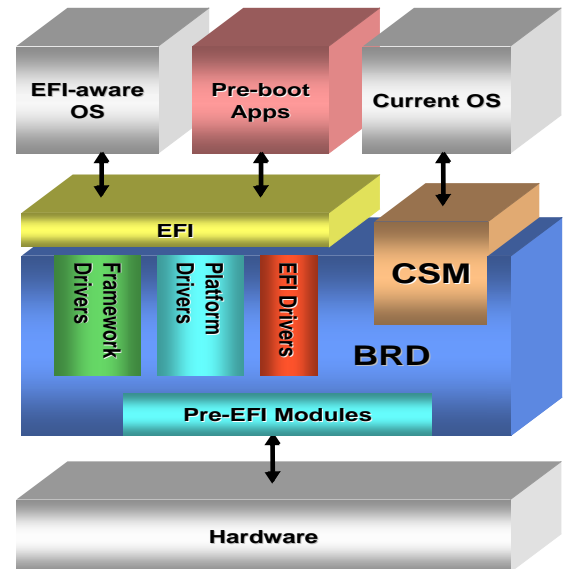


# InsydeH<sub>2</sub>O™ 1<sup>st</sup> Wave™ Enabling Program

## The EFI Framework Readiness Solution

### ■ Key Features

- Designed to help engineers quickly learn about the next-generation BIOS replacement technology
- Offers early access to source code along with development tools, sample pre-boot applications and a hardware platform.
- Accelerates the development of new designs leveraging the Intel® Platform Innovation Framework for EFI
- Helps to drive OEM production differentiation through knowledge of the EFI Framework development environment



The 1<sup>st</sup> Wave program is designed to enable PC OEMs with tools, training, support and software IP to bring their engineering teams the knowledge to pursue and deploy next generation designs leveraging the Intel Platform Innovation Framework for EFI and Insyde Software's implementation of this technology known as InsydeH<sub>2</sub>O.

Built as a cost-effective subscription program, system manufacturers will get early access to source code, development tools, and sample applications without an obligation for a product licensing or royalty agreement.

Third-party hardware, software and peripheral makers will find the 1<sup>st</sup> Wave program to be an ideal vehicle for ensuring their product's support of this new legacy BIOS replacement technology.

### Primary components of the 1<sup>st</sup> Wave program:

- Selected Source and Binary Code Modules
  - EFI Framework Components
  - Core CPU and Chipset Driver modules
  - CSM - Compatibility Support Module
  - Sample Applications and Tools
- Hardware Validation Platform
  - Pre-configured motherboard
  - EFI Framework pre-loaded
  - Build/Flash/Debug tools
- Documentation and Reference Guides
- Product Training
- Consulting and Support Services



## InsydeH<sub>2</sub>O Product Family – Server, Desktop, Mobile and Embedded Editions

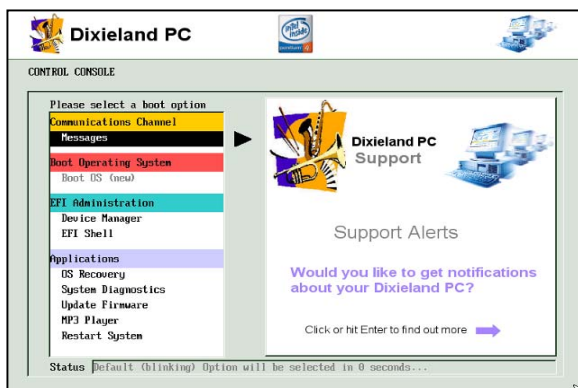
Unlike traditional 16-bit real mode BIOS technology, InsydeH<sub>2</sub>O BRD (BIOS Replacement Drivers) runs in 32-bit flat mode. Despite the redesigned firmware architecture, the InsydeH<sub>2</sub>O CSM (Compatibility Support Module) still provides all the necessary backwards compatibility including the run-time BIOS interface, support for option ROMs and USB legacy features.

Based on the Intel Platform Innovation Framework for EFI this product line is CPU and chipset technology neutral, allowing PC makers to select the most appropriate hardware components to meet their market requirements. Because the sources are hardware technology neutral, the same source code can be used to develop and then deploy across different segments from notebooks to desktops to servers, including those with different instruction sets and silicon components.

InsydeH<sub>2</sub>O is a fully WHQL-compliant firmware solution that employs a true modular architecture, is written in C code, and uses a driver model that enables a wider range of engineering resources to work with the code.

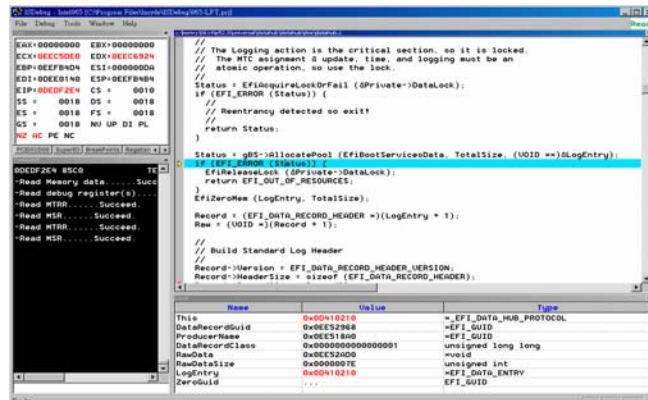
The InsydeH<sub>2</sub>O product family includes a pre-boot environment that can be used by PC vendors to build and maintain product differentiation.

### InsydeH<sub>2</sub>O Control Console



*This graphical application allows users to extend control over the computer including the ability to run programs before the OS loads.*

### InsydeH<sub>2</sub>O Debugger



*Leverage the 1<sup>st</sup> Wave program to get “under the hood” of the InsydeH<sub>2</sub>O technology including access to this powerful software-only debug tool.*

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