

Binary Adaptation Program (BAP)

- Modify BIOS without Source Code
- Set Chipset Register Values
- Use with all SystemSoft Chipsets
- Include OEM Messages and Logos

The BAP utility program, for use with SystemSoft* BIOSs, is a generic program, invoked from the DOS prompt, used to modify the system BIOS binary image configuration to support the user development board. The BAP can be used with all chipsets supported by the SystemSoft BIOS. The BAP lets Intel users modify their BIOS without having to purchase expensive BIOS source code or become familiar with BIOS services.

Because every design has a unique chipset configuration, the BAP program operates on two input files; CHIPSET.BAP and CHIPSET.ROM which provide chip-specific information. These input files enable the BAP utility to make the necessary modifications to the system BIOS .ROM (or .BIN) binary image.

These BIOS adaptations may include changes to the Chipset Configuration Register Values. Usage of these configuration values vary from chipset to chipset. The BAP utility provides a convenient way of setting these values without having to go into the source code. With the BAP, Intel users can change CMOS RAM Settings. Users can set fixed and floppy drive parameters from within the BAP utility. The changes made from within the BAP are more permanent (as the settings are saved into the binary image).

The system controls not provided by most setup utilities but made possible by the BAP utility are: Set amount of time Ctrl-

Alt-S message appears on screen; Keyboard support enable; PS/2 Mouse support enable; Fatal message suppression; Advanced controller support enable; and Disable floppy check during system boot which is ideal for embedded systems that do not require floppy support.

The BAP disk contains the relevant SystemSoft BIOS binary image and the supporting software; these files will vary based on chipset. The price of the BAP includes 10 licenses.

PROCESSORS SUPPORTED:
Intel386™ SX/DX/EX, Intel486™ and Pentium® processors

DEVELOPMENT PLATFORMS:
MS-DOS and Windows* Compatible Systems

AVAILABILITY:
Now

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