Providing Clean, Efficient and Modular Code Bases

Before becoming an AMI licensee, a company known for its services in the commercial, defense and industrial markets was developing its codebase with another IBV. The company learned that if it became a licensee of AMI's source code, AMI would maintain the company's code base and provide comprehensive services to the company. Since AMI's methods are customer-focused, the company turned to AMI for quick, market-ready solutions.

The company wanted to use one code base for two projects. Although the code base would technically work on both projects, the code for one of the two projects had **extraneous details that could potentially create problems in the future**. Whenever the company made changes to its code base, it would send the changes to AMI for check-in and AMI would review the code.

During code review check-in, the **AMI engineer observed that the code base could use some layout changes and a redesign**. The code wasn't as clean or consistent as it could be, and the company was not incorporating the benefits of AMI's Visual eBIOS (VeB) development environment into its projects. **Using VeB would allow the customer to reduce the amount of complex and unnecessary coding** and **create a cleaner code structure**. The AMI engineer went through and cleaned up the project code. He suggested that the company restructure the code base for future projects and use VeB to layout the projects in a better way.

The discussions allowed the customer to learn about AMI's coding best practices and the company will be using better coding practices in future projects. By incorporating AMI's coding best practices, OEMs can easily transition from one code base to another with minimal effort. **AMI's coding best practices have allowed multiple OEMs to have clean, efficient and modular code bases and the transition of code bases is made a breeze.**

AMI Key Facts & Figures

- Founded in 1985
- Leads in BIOS/UEFI shipment in terms of **revenue** and **volume**
- ISO 9001:2008 certified in recognition of AMI's **commitment to quality**
- Offices worldwide spanning seven countries
- Participant/member in numerous industry consortiums, standards groups reflecting AMI's status and connections in the industry

For more information, visit: http://ami.com

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