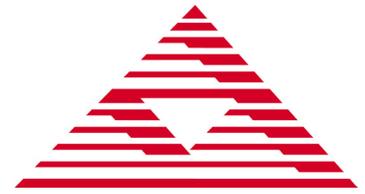# AMI B.E.A.T
When AMIBIOS/BMC joins hands with IoT

AMI B.E.A.T is the data-driven AMIBIOS/BMC and IoT solution that gives users detailed system hardware details and the ability to plan for the future

AMI B.E.A.T

AMI B.E.A.T (BIOS/BMC Embedded Analytics Trends) is a cost-saving solution that incorporates AMIBIOS/BMC and IoT technology to create a comprehensive visual hardware monitoring solution. AMI B.E.A.T provides users detailed reports of a user's system hardware through the collection and analysis of data. The collection of data offers users information about their hardware details such as the type of processor, amount of memory, connected boot devices and etc. AMI B.E.A.T is designed to be an accurate, secure BIOS-based solution benefiting from the incorporation of IoT technology and has the ability to automate predictive analytics, give users in-depth details of their system hardware and address potential security risks/problems systems can encounter in the future.

SECURED, ACCURATE SOLUTION

As a BIOS-based solution, AMI B.E.A.T is secure and accurate. The BIOS itself cannot be modified unlike some other OS applications and the platform of AMI B.E.A.T can be designed with OEM/ODM specific information. AMI B.E.A.T offers many benefits to its users, namely giving users the ability to plan, manage and optimize their products and processes using the data/information collected by the reports.

AMI B.E.A.T generates complete reports of an OEM's system data in just minutes. AMI B.E.A.T analyzes the compiled system data information and creates detailed system hardware reports, outlining various aspects of a user's system. All of the system data is compiled from the BIOS and BMC and the system data information collected from BIOS/Preboot Applications include details such as: system/architecture type, system manufacture information, processor information, memory information, BIOS information, system security information, system build date, input/output device information, boot device information, secure BIOS policy, and system security. The system hardware details are sent to a cloud through IoT technology, where web-based applications analyze and generate reports based on the information received from the BIOS and BMC.

OEMs can expect to have details about their system hardware that allows them to address many things such as potential failures that can happen in the future, potential vulnerabilities of their systems, plan for their next product plan/cycle and plan for future maintenance. This makes AMI B.E.A.T an ideal solution for those who want accurate future product planning, system/data security analyses, inventory management/optimization, and supply chain management/warehouse optimization.

Key Functions

- **System and Data Security Analysis**
  - **System security status**
  - **Example password**
  - **HDD encryption**
  - **TPM**
- **Inventory Management and Optimization**
- **Supply Chain Management**
- **Warehouse Optimization**
- **Accurate future product planning**
- **Cost-Saving Benefits**
- **Asset and Warranty Tracking**
- **Theft Prevention Management**
- **Faculty Device Tracking**

For more information: http://ami.com