GLOBAL AMERICAN DELIVERS STREAMLINED UI DEVICES FOR RFID SOLUTIONS PROVIDER, UID

THE CHALLENGE

Global American, a leading provider of embedded computing hardware, faced a unique challenge from Unified Information Devices, Inc. (UID). UID "combines advanced RFID technology with novel and proprietary software to facilitate the identification and tracking of research animals and laboratory items." They needed a low-power, high-performance Mini-ITX motherboard assembly for a custom enclosure. Specific requirements included:

- **Thin and low-power wattage:** The system needed to fit within a compact enclosure with limited space.

- **Long-term availability**: Reliable and dependable performance for continuous use.

- **Customizable power connection:** Screw-on or barrel connector for compatibility with the facility's specific needs.

- **Cost-effective memory and storage:** Budget-friendly solutions without compromising on functionality.

THE SOLUTION

Global American leveraged their expertise to deliver a custom solution that met all of UID's needs and specifications:

- **Customized Power Connection:** Global American proposed custom OEM modifications to cater to UID's preferred power connection type.

- **Active Cooling Integration:** Recognizing the limitations of a fanless board in a small enclosure, they suggested active cooling for optimal heat dissipation.

- **Sample Assemblies and Competitive Pricing:** Sample assemblies were provided for evaluation, along with competitive pricing for volume purchases for maximum ROI.

- **Collaborative Innovation:** Through open communication and collaboration, Global American accommodated UID's request for BIOS modifications and integration of their specific WiFi modules.

- **Streamlined Deployment:** The team offered pre-imaging of the client's software onto the integrated storage media, saving them time and effort upon receipt. For future orders, the facility can opt to provide their software on their own storage media for easy cloning onto the systems.

THE RESULT

The result of this collaborative effort was a newly designed, user-friendly system specifically tailored for efficient management of controlled substances in an animal research facility. Key benefits include:

- **Enhanced Security:** Built-in security features minimize the risk of drug diversion, ensuring compliance with DEA regulations.

- **Paperless Recording:** The system allows for paperless recording, streamlining workflows and data management.

- **Universal Compatibility:** Designed to seamlessly integrate with existing cabinets, safes, refrigerators, and freezers from various manufacturers.

- **Made in USA:** The system is proudly assembled in the USA, offering quality and reliability.

This case study exemplifies Global American's dedication to exceeding client expectations. By combining innovative solutions, customized configurations, and exceptional customer service, they empower clients like Unified Information Devices, Inc. to achieve their goals with greater efficiency and security.

Visit UID online to learn more:
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