RAIMA

Raima Aerospace & Defense User Applications

Enabling edge applications to move data to the cloud

- Provider of High-Performance In-Memory Database Technology
- Small footprint, cross-platform
- database with both In-Memory and persistent storage device functionality
- Optimized for flash & SSD by minimal writes to the medium for longer lifespan
- Well field-tested.

Types of Aerospace & Defense Solutions:

- Tactical information
- Mission planning
- Live situational analysis
- Live data capture

GENERAL DYNAMICS	• **Application 1:** "TIEC" - Tactical Information Exchange Capability Database Agent • **OS**: Host Windows – Target Integrity X86 & PPC • **Description:** General Dynamics UK embeds Raima's RDM database solution within their TIEC database management agent for Innovative Concepts' Improved Data Modem (IDM Technology(r)). IDM Technology(r) supports the exchange of tactical data between airborne applications and ground forces to support enhanced mission execution capability and uses the Raima database to manage this mission-critical content. • **Application 2:** "MHP" - Marine Helicopter Project • **OS**: Linux & Solaris X86 • **Description:** General Dynamics Canada embeds Raima's RDM database solution within the MHP Integrated Mission Data Management System which utilizes the Raima database as a contact file library allowing the military to have a well-organized Mission Data Management System for Mission Preparation and Analysis.

BOEING	**Boeing Company:** ● **Application:** "AWACS" - Airborne **Warning and Control System** ● **OS**: Host Windows – Target VxWorks X86 & PPC ● **Description:** Boeing embeds Raima's RDM database solution within the Radar electronics system aboard the AWACS providing airborne surveillance and command & control battle management functions for both tactical and air defense forces. The Raima database is used to manage data collected from the antenna on top of the plane. The data is gathering radar pulses and other RF input and signal identification information to help identify the signals of enemy craft and/or other potential concerns in the area. **Boeing Secure Computing Solutions:** ● **Application:** "Inventory application for the Acalis Sentry product" ● **OS**: Host Windows – Target Integrity PPC ● **Description:** Boeing Secure Computing Solutions provides this inventory application supporting their Acalis Sentry embedded app. that will allow customers to keep track of data associated with a part, keep track of what they did to the part, control inventory of the chips sent out, what chips were received, correlate the chip to the board it was installed on when the board returns, then it goes away.
JEPPESEN. A BOEING COMPANY	● **Application:** "OPSControl & WXD" ● **OS**: Linux X86 & HP-UX Itanium & PA Risc ● **Description**: Jeppesen embeds Raima's RDM database solution within their OPSControl flight dispatch product that includes the WXD weather graphing module. The Raima database gathers data on flight schedules, runway analysis, flight routing information, and weather data to give pilots access to all types of critical flight information needed to fly the safest and most cost-effective route possible.

LOCKHEED MARTIN	**Application 1:** F16 Test Stands **OS**: Linux X86 **Description:** Lockheed embeds Raima's RDM database solution within their F16 pre-flight test stands and uses the Raima database to store vehicle maintenance status and information gathered from the testing procedures run by these test stands to help identify necessary repairs needed to conduct the safe flight of the aircraft. **Application 2:** F2 Flight Simulators **OS**: Linux X86 **Description:** Lockheed embeds Raima's RDM database solution within their Ground-Based F16 & F2 Flight Simulator OFP (Operations Flight Program). The Raima database is used to store flight simulation data and parameters.
BAE SYSTEMS	**Application:** "777 Cabin Management System" **OS**: Windows X86 **Description:** BAE embeds Raima's RDM database solution within their 777 CSS Configuration Database Generator application which stores the airline's configuration of the 777 jets for their Cabin Management System. The Raima database stores data used to configure lighting, intercom operability, seat buttons, and more.
Elbit Systems™	**Application:** Mission Control Applications **OS**: Windows X86 **Description:** Elbit embeds Raima's RDM database solution within their mission control application. The Raima database provides real-time in-flight data management for airborne systems.

Want To Know More?

Please call us to discuss your database needs or email us at info@raima.com. You may also visit our website for the latest news, product downloads, and documentation: www.raima.com.

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