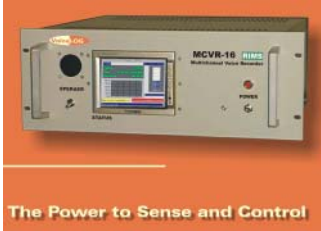




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Multiple Channel Voice Logging System with User Programmable Signal Processing Architecture

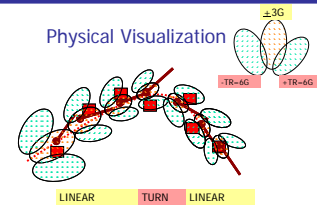


RCM2 Multi channel voice recorder is a 16 channel recording system that can monitor and log the audio signal of all channels simultaneously. The system is comprised of a powerful server software that has all functionality of digital voice recording. The server is supplemented with a TCP/IP based client software that provides the access to the server on the network. All user interface is provided in the client version.

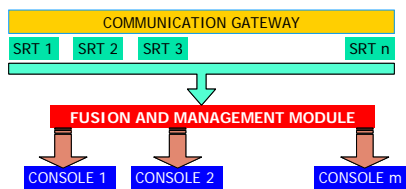
Multiple Radar Multiple Target Tracker

AIM

- Deliver a generic tracker capable of consistent tracking under clutter and high maneuvering (>6g)
- Robustness to jamming through graceful degradation
- Capability for 3D tracking and Hybrid Mission Control Centers



Our Systems Architecture



PRODUCT

- Multiple Radar Tracker with HS-IMM and MHT achieved
- Manages Maneuvering targets under cluttered environment
- Robust and Graceful Degradation
- Hybrid Radars Interfacing Capability
- Modular and Scalable Architecture

Complete toolkit for Hybrid – Interacting Multiple Model target Tracking System Theoretical Testing Also Available



E3dm Inc. is a pioneer in electronic three-dimensional (3D) modeling. Our team provides you with cost-effective and accurate 3D modeling services to meet your specific needs. We help you to minimize your time to market and to concentrate on your core activity (design, prototype development, manufacturing, integration). All you need to do is to supply us with your 2D engineering drawings and tell us the output format and accuracy you require.

ISCaDE™ (Integrated Safety Case Development Environment)

ISCaDE is a unique, networked, DOORS-based software environment, which can help you build a high confidence safety case faster and with fewer experienced staff. ISCaDE was initially developed for the rail industry, to improve system safety assurance processes and hence customer service, but is currently also applied to other safety critical systems. It is the only safety case development tool to combine the features of a multi-user, multi-access, object-oriented database and graphical presentation capabilities in an integrated environment.

Overall Risk Rating Before Mitigation	
1. Program	High
2. Hardware	High
3. Software	High
4. Integration	High
5. Maintenance	High
6. Support	High
7. Total System	High

Overall Risk Rating After Mitigation	
1. Program	Medium
2. Hardware	Medium
3. Software	Medium
4. Integration	Medium
5. Maintenance	Medium
6. Support	Medium
7. Total System	Medium



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Safety and Reliability Engineering



Expertise in engineering techniques such Fault Tree Analysis (FTA), Failure Modes Effects Criticality Analysis (FMECA), Reliability Prediction using MIL-HBK-217 and Reliability Block Diagrams (RBD). Also we cover RISK ASSESSMENT for example using Markov Analysis

Safety Case Development And Maintenance

Expertise in organising and facilitating HAZID/HAZOP, hazard log initiation and management, safety case notations and safety requirements and standards in various safety-critical industry sectors (e.g. Defence Standard 00-56, Rail Standard EN50126).

GMAT (Generic Missile Automated Tester)

GMAT is a generic tester for the launchers of air-to-air missiles. It is a handy unit for quick pre-flight checks to avoid an accidental fire or a misfire. The tester checks to confirm that the standby and firing voltages applied to the missile launcher are within the tolerance limits, the missile firing sequence is correct and no stray voltage is present. The tests are to be made immediately prior to the loading of the missile on to the aircraft and during the "1" level maintenance of launchers. GMAT can be used for any type of aircraft and missile. As only the firing sequence varies for different types of missile launchers, you just have to select the appropriate aircraft type and the GMAT will do the rest with a few clicks of buttons



RCM2 in Engineering Education

RIMS a brand of **rcm2 ltd uk** is committed to achieve the goal of intelligent industrial automation. For the purpose there is a need of skilled manpower, to meet current and future requirements of automation industry These training solutions provides a whole laboratory to the students. Trainers are equipped with all necessary materials, brochures and Support. The support includes custom experiments from rcm2 as well as contributions from all users of these trainers.



Interface Solutions & Custom Embedded Systems Design



RCM2 can provide services for custom design in the following areas. Our solutions are already being used for UAV and aerospace applications

- MIL-STD 1553, ARINC 429, CAN Bus
- Custom Interfaces
- Computer Interfacing (Parallel, Serial, USB)
- Embedded Development
- Microcontrollers, DSP, FPGA (Xilinx/Altera)



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