

Lockheed Martin Releases Interactive Knowledge Management Portal Solution; From Data Chaos To Information Order

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Lockheed Martin Management & Data Systems took another step forward with its ongoing business strategy to bring intellectual property to the commercial marketplace with the release of ACE V1.0, an interactive, knowledge management Web portal solution.

Terry Kees, VP M&DS Global Information Management Systems, whose line of business developed the integrated solution, made the announcement today.

The Analyst Capability Enhancement portal is an interactive, enterprise information solution combining leading edge portal technology and knowledge management capabilities. ACE combines Lockheed Martin-developed natural language and multimedia processing technologies with leading commercial portal and taxonomy technologies in an extensible, standards-based architecture. The resulting toolset is designed to cut through the overwhelming increases in data volume, variety and velocity swamping today's knowledge workers.

The ACE portal services provide a single point of entry to information stores with an automated access and cataloguing of up to 200 unique data types, including multimedia sources. The XML-based solution capitalizes on the application of leading edge technology and the ability to exploit all of an organization's dynamic and static information assets, including legacy information systems and data stores. With ACE, the knowledge worker can use intuitive features through a standard Web browser to discover the contextually relevant information he didn't know to ask for -- quickly and easily.

"ACE is unique in that we have an operational and robust integrated XML- based product suite while others usually only brief their plans for the technology. We are able to show customers how to think about using the technology in new and effective ways they have never imagined," said Kees. "We've targeted development of value-added solutions as a discriminator to strengthen our systems integration leadership position in an increasingly competitive environment. We've already begun to recognize benefits of this strategy given the interest generated from non-traditional clients within the DoD, law enforcement, and commercial sectors."

The system has successfully undergone prototype user testing and is in testbed deployment within the Joint Intelligence Center, Pacific Command (JICPAC). GIMS has plans for numerous operational deployments later this year.

ACE features include:

- Information management and exploitation using automated content XML metadata tagging and natural language text extraction technologies.
- Enterprise and global search engines for on-demand, scheduled, and event-triggered queries of enterprise information and external sources.
- Automated domain specific taxonomy creation and structural assessment with an easy to use taxonomy tool suite.
- Data relationship visualization using a Discovery Map tool.
- Multimedia searches and rendering of visual video thumbnails for more efficient multimedia exploitation.
- Virtual knowledge base creation to increase analytical production, quality and timeliness.
- Collaboration tools, including Lockheed Martin's I-Note and Pallet features.

"We're proud of our commitment to ensuring our clients' mission success," said Kees. "We believe we're positioned to meet market demands for essential on-the-horizon e-business solutions. Our

solutions development is a proactive means of providing greater value and capabilities as budgets and resources become more restrained."

Management & Data Systems (<https://mds.external.lmco.com>), headquartered in King of Prussia, Pa., has been a leader in systems integration, systems engineering, software development and program management in support of vital national systems for more than 30 years. M&DS is a unit of Lockheed Martin Corporation with approximately 7,500 employees at facilities in Pennsylvania, Arizona, California, Colorado and the Washington, DC metropolitan area.

Headquartered in Bethesda, Maryland, Lockheed Martin (<http://www.lockheedmartin.com/>) is a global enterprise principally engaged in the research, design, development, manufacture and integration of advanced- technology systems, products and services. The Corporation's core businesses are systems integration, space, aeronautics, and technology.

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