

# LLOYD'S REGISTER PRESS RELEASE

Immediate: April 15, 2008

LR/10/08

## **CAMBRIDGE SYSTEMATICS AND LLOYD'S REGISTER PIONEER NEW APPROACH TO TRANSPORTATION ASSET MANAGEMENT**

**A joint initiative between Cambridge Systematics and the Lloyd's Register Group introduces next-generation risk-based asset management to U.S. transportation agencies.**

The Lloyd's Register Group, leaders in risk management, and Cambridge Systematics, Inc., the nationally recognized U.S. transportation consulting and information systems firm, have announced plans to introduce the innovative KBAI™ risk-based asset management technology to the U.S. transportation industry.

Developed initially for the asset-intensive oil and gas industry, the new approach allows asset owners to simultaneously increase the reliability of critical assets and reduce the costs associated with inspection and maintenance activities.

The state-of-the-art technology is delivered through the Arivu™ software platform, which leverages transportation agencies' existing management systems and data. It combines analyses of a risk-adjusted probability of failure for a particular asset with a financially driven consequence of failure to achieve the next-generation risk-based asset management. "We are delighted that Cambridge Systematics, a transportation industry leader, is championing Arivu™ in the United States," says John Aller, President, Lloyd's Register Americas, Inc. "The Cambridge Systematics and Lloyd's Register Group agreement will give licensees a complete solution, including next-generation risk based asset management, a comprehensive understanding of transportation agency operations, and highly skilled implementation resources to help clients quickly realise operational and financial results." The technology has been implemented on transportation assets in the UK in the areas of highway lighting and drainage, and the companies are collaborating to extend it to a broader range of transportation assets.

The UK-based Highways Agency has just endorsed KBAI™ for use in highways following successful pilots and their decision to proceed with risk-based asset management. Antony Firth, Service Manager to North MAC Area 12, said: "The Highways Agency expects to benefit from improved maintenance management, efficiency savings, and reduction in carbon footprint from this innovative service."

"We are very excited to introduce our customers to the unique approach to transportation asset management that is provided by KBAI™ and the Arivu™ software platform," says Lance Neumann, President of Cambridge Systematics. "As the demands on the transportation system grow, and needs outpace resources, effective inspection and maintenance programs are a critical element of a sound management strategy. I believe that the risk-based approach provided by the Arivu™ software platform offers transportation agencies a powerful

new tool to help make the best use of scarce inspection resources and maintenance budgets, as well as increasing the performance and reliability of the transportation system.”

Transportation agencies can learn more about this exciting new approach to transportation asset management by visiting <http://www.camsys.com>, or <http://www.kbai.net/transportation>.

End

#### Notes to editors

About the Lloyd’s Register Group

1. The Lloyd’s Register Group is an independent risk management organization that works to help to improve its clients’ quality, safety, environmental and business performance throughout the world, because life matters. Its expertise and activities cover railways, shipping, oil and gas, and other asset-based industries. The Group comprises charities and non-charitable companies, with the latter supporting the charities in their public benefit goals.

About Cambridge Systematics, Inc.

2. Cambridge Systematics is a planning, management, and information technology consulting firm that specializes in transportation. Cambridge Systematics is dedicated to ensuring that its clients’ investments deliver the best possible results and make transportation better for future generations. Over its 35-year history, Cambridge Systematics has been instrumental in promoting state-of-the-art practice in transportation policy, planning, investment analysis and performance, and asset management.

#### For more information contact

Scott Carlin  
Sales and Marketing – Americas  
Lloyd’s Register Capstone, Inc.  
T +1 (1)281 249 8282  
E [scott.carlin@kbai.net](mailto:scott.carlin@kbai.net)  
1505 Highway 6 South, Suite 275  
Houston, TX 77077, USA  
[www.kbai.net](http://www.kbai.net)

Lori Malone  
Manager – Americas Marine  
Communications  
Lloyd’s Register Americas, Inc.  
T +1 (1)281 675 3133  
E [lori.malone@lr.org](mailto:lori.malone@lr.org)  
1401 Enclave Parkway, Suite 200  
Houston, TX 77077  
[www.lr.org](http://www.lr.org)



LIFE MATTERS

James Maconochie  
Principal  
Cambridge Systematics, Inc.  
T +1 (1)617 354 0167  
E [jmaconochie@camsys.com](mailto:jmaconochie@camsys.com)  
100 Cambridge Park Drive,  
Suite 400  
Cambridge, MA 02140  
[www.camsys.com](http://www.camsys.com)

Kate Malonek  
Marketing Communications  
Manager  
Cambridge Systematics, Inc.  
T +1 (1)617 354 0167  
E [kmalonek@camsys.com](mailto:kmalonek@camsys.com)  
100 Cambridge Park Drive,  
Suite 400  
Cambridge, MA 02140  
[www.camsys.com](http://www.camsys.com)



Arivu™ and KBAI™ are registered trademarks of Knowledge Based Management, Ltd., a member of the Lloyd’s Register Group. Services are provided by members of the Lloyd’s Register Group. Lloyd’s Register, Lloyd’s Register EMEA, and Lloyd’s Register Asia are exempt charities under the UK Charities Act 1993.