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## **DfR Solutions and ARINC Announce Partnership to Provide Deeper Insight into Total Cost of Ownership Through Reliability and Obsolescence Management**

College Park, MD, April 2, 2010 - DfR Solutions and ARINC today announced that the two companies have created a partnership to provide combined reliability and DMSMS support to the commercial government and defense industries.

ARINC's renowned DMSMS support has been used for logistics planning throughout the project lifecycle. They have worked with industry, government and defense to implement sound obsolescence management programs before sustainability and operational availability problems are even apparent. Their obsolescence management practices allow managers to maintain or even minimize program costs through planning and insight into how their design relates to industry roadmaps and availability predictions.

DfR Solutions has championed physics of failure in the electronics industry since its founding in 2004. Their physics based approach has allowed them to stay on top of or even ahead of emerging technologies, understanding how components and assemblies are likely to perform even prior to prototype. This durable approach has been formalized in DfR's new Automated Design Analysis (ADA) software.

By bringing together ARINC's DMSMS experience with the resolution and predictive power of DfR Solutions' new Automated Design Analysis tool, ARINC and DfR are going to revolutionize performance based logistics by providing customers with the ability to design in reliability and obsolescence mitigation techniques that lower total cost of ownership.

"We are very excited about the potential this partnership brings to the project management community," said Craig Hillman, CEO of DfR Solutions. "A detailed understanding of the impact of design on reliability and obsolescence will allow project managers a level of control and insight into their total cost of ownership never seen before."

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## DfR Solutions and ARINC

“Combining ARINC’s DMSMS expertise with the resolution and predictive power of DfR Solutions’ new ADA tool will be synergistic,” stated Walt Tomczkowski, ARINC’s Director of Life Cycle Management & Operations Support. “We plan to revolutionize product support and logistics by enabling customers to build-in new reliability and obsolescence mitigation techniques at the same time. This practice can measurably lower total cost of ownership.”

An understanding of both reliability design and obsolescence management is important to Life Cycle Management and Product Support (Sustainment). The need for these has come into focus because of new requirements for Defense procurement driven by Section 805 of the FY 2010 National Defense Authorization Act, recently signed into law, and the proliferation of evolving standards, including MIL-HDBK-217H, GEIA-STD-0009, VITA-51.2, and IEC-TS-62239, that will require a more robust design assessment activity.

### About DfR:

DfR Solutions has world-renowned expertise in applying the science of Reliability Physics to electrical and electronics technologies and is a leading provider of quality, reliability, and durability (QRD) research and consulting for the electronics industry. The company's integrated use of Physics of Failure (PoF) and Best Practices provides crucial insights and solutions early in product design and development and throughout the product life cycle. DfR Solutions specializes in providing knowledge- and science-based solutions to maximize and accelerate the product integrity assurance activities of their clients in every marketplace for electronic technologies (consumer, industrial, automotive, medical, military, telecom, oil drilling, and throughout the electronic component and material supply chain). For more information regarding DfR Solutions, visit their website at [www.DfRSolutions.com](http://www.DfRSolutions.com).

### About ARINC:

ARINC Incorporated, a portfolio company of The Carlyle Group, provides communications, engineering and integration solutions for commercial, defense and government customers worldwide. Headquartered in Annapolis, Maryland, with regional headquarters in London and Singapore, ARINC is ISO 9001:2008 certified. For more information, visit their web site at [www.arinc.com](http://www.arinc.com)

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