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**Open Standardization of FLO Technology Continues With TIA Approval of
Conditional Access Standard**

*- Member-driven OpenCA specification enables multiple vendors to implement content
security systems within the FLO architecture -*

FREMONT, CA AND LONDON, UK — 26th June, 2008 — The FLO Forum, a body of more than 95 supporting global wireless industry leaders and dedicated to the open standardization of FLO™ (Forward Link-Only) technology for mobile multimedia broadcast, today announced another step forward with the approval by the Telecommunications Industry Association (TIA) of the Forward Link Only Open Conditional Access (OpenCA) Specification.

The completion of the OpenCA Specification, published as TIA-1146, creates a standards-based environment that enables multiple vendors to implement content security systems within the FLO architecture. The specification is the eighth FLO standard approved by the TIA, following the publication of TIA-1130 Forward Link Only Media Adaptation Layer Specification earlier this year.

The OpenCA specification provides a standard interface for conditional access (CA) systems to interoperate, ensuring that FLO network operators have the flexibility to use multiple CA solutions. Through the standard interface, they can replace an entire CA system seamlessly with another system, or run multiple systems concurrently in a “Simulcrypt” setting. This provides operators with greater control to respond to changing security demands or business model requirements. The framework also enables content

providers to offer a wider choice of premium mobile content while reducing the risk of piracy, and thus helping to create a compelling end-user mobile TV experience.

The OpenCA initiative originated within the FLO Forum. Five member companies who are leaders in the global CA market were key to the success of the program including Irdeto, Nagravision, NDS, Verimatrix and Widevine. They each contributed via the FLO Forum's Content & Services and Technical Committees, applying their extensive experience of working with the DVB Open Security Framework (OSF) to devise an equivalent solution for FLO technology. Following approval by the FLO Forum membership, the OpenCA technical contribution was submitted by the TIA TR47.1 Engineering Committee as an input technical contribution for open standardization.

"Content security is a fundamental requirement for paid TV services and its effectiveness in mobile TV will be under close scrutiny as the market expands," commented Charles Lo, Chair, FLO Forum Technical Committee. "Flexible, secure conditional access systems will be key not only in assuring revenues for operators, but also in encouraging content owners to offer high quality content, which in turn will drive consumer uptake. As such, TIA approval of the OpenCA specification is a crucial step in ensuring a secure and profitable future for all parties within the FLO ecosystem – from CA providers, to operators, to content owners."

"The opportunity to leverage standardized conditional access systems in conjunction with FLO technology was identified and driven by several FLO Forum members," said Dr. Kamil Grajski, President, FLO Forum. "These members took the initiative in adapting to FLO the DVB OSF, taking advantage of previous implementations, and quickening the introduction of OpenCA-based FLO networks in the future. The completion of the OpenCA framework highlights the FLO Forum's commitment to the global, open standardization of FLO technology, and is a testament to the dedication and support of our valued members."

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Additional Contributor Quotes for Editors

"In an industry where there are multiple standards, not all of which are fully instituted, it is critical for organizations like the FLO Forum to provide this kind of clarity," said **Doug Lowther, SVP, Sales & Marketing, Irdeto**. "Irdeto's support of FLO OpenCA, in addition to all other mobile TV standards, gives our customers a choice when launching a mobile TV network and has the potential to bring us more business as a result."

"The OpenCA specification illustrates how modern content security can be achieved when combining the best of broadcast and IP technologies," said **Stephen Christian, VP Marketing at Verimatrix**. "Our 3-dimensional solution to content security enables multi-screen services across a variety of delivery networks while implementing multiple layers of protection. We are proud to have contributed to the OpenCA standard, which places FLO on firm footing among mobile TV standards."

"The standardization of the content protection layer in FLO by using well proven Simulcrypt and open conditional access techniques gives operators the ability to select the service protection system most suited to their needs," said **Hubert Rechsteiner, Vice President Business Development, MobileTV, Nagravision**. "By choosing Nagravision's OpenCA solution, which is based upon the most deployed DVB OSF product portfolio, operators will have the necessary tools to drive up ARPU through advanced business models and the assurances they need to obtain premium programming from content owners."

"Completing the specification for mobile content security paves the way for the secure delivery of high value content to FLO-compatible mobile devices. The standard created allows operators to select the content security vendor that best meets their needs," said **Jim Veres, Vice President, Mobile Engineering, Widevine Technologies**. "With the standard now TIA-approved, Widevine Technologies' proven Virtual SmartCard™ content security solution will be available for protecting content delivered to mobile handsets. This allows operators to use a single content protection system across all their distribution systems."

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About FLO Technology

FLO™ technology is a new air interface with multicasting capabilities designed to increase capacity and reduce content delivery costs to mobile handsets. FLO technology enables mobile users to see and hear high quality video and audio, browse news, sports and weather updates, or watch the stock ticker — wherever they are, anytime, and without delays.

Designed from the ground up specifically to multicast significant volumes of rich multimedia content, FLO enables wireless operators to cost-effectively deliver news, entertainment, and informational programming in clips and streaming video to millions of mobile users at once. FLO provides the technology for distributing multimedia content efficiently and economically without impacting current networks.

FLO technology is an open standard referenced in ITU-R Recommendations and through numerous standards published by the TIA TR47.1 Subcommittee, including those for the air interface (TIA-1099, TIA-1120) and related minimum performance specifications (TIA-1102, TIA-1103, and TIA-1104). Additional standards are pending in the TIA and other recognized international standards organizations.

About the FLO Forum

The FLO Forum is a multi-company initiative committed to advancing the global standardization of FLO technology. Composed of industry-leading organizations, the FLO Forum works to develop products and services, based on FLO technology, that enable the delivery of advanced multimedia services to wireless consumers. The FLO Forum is organized to promote the global standardization of FLO technology, including compliance and certification benchmarks for the technology.

For more information on membership and the FLO Forum, please visit www.floforum.org.

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