
Tuesday, 13 February 2007 - 2pm

3GSM World Congress, Barcelona
Hall 2 F49

Press conference

Bretagne ICT cluster develops new technologies for tomorrow's media and networks



Speakers :

- Christiane Schwartz, President of the Media & Networks Competitiveness Cluster
- Régis Le Roux, CEO of Enensys Technologies
- Eric Pinson, Senior Product Line Manager of Teamcast
- Laurent Bouillot, CEO of Siradel
- Christian Queffélec, CEO of Astellia
- Cédric Gégout, Technical Director of Streamezzo
- Julien Signès, President and CEO of Envivio



**For Immediate Release
Barcelona, February 13, 2007**

Press Release

Bretagne, a centre of excellence in 3GSM

Thanks to its long experience in imaging, signal broadcasting and mobile telephony, it is quite natural for the audiovisual, telecommunications and information technology sectors to come together in Bretagne.

As one of France's main centres for information and communication technologies, Bretagne is world-famous and the sector provides more than 50,000 jobs, 15,000 of them in R&D alone.

Its development has grown up around 3 cities (Rennes, Lannion and Brest), each of which has benefited from the gradual setting up of numerous R&D centres, the emergence of numerous innovative SMEs and a superb university environment (105,000 students). Networking has led to the creation of the Media & Networks cluster founded by none other than France Télécom, Thomson, Thales, Alcatel and TDF. The international cluster, which has been formally recognised by the French Ministry of Industry, is focussing its research on mobile TV.

Rennes and its science & technology park, Rennes Atalante, have attracted a number of leading international groups such as Alcatel-Lucent, Canon, Motorola, Orange, Renesas, SFR, Silicon Laboratories, Texas Instruments, Thomson etc. in addition to innovative SMEs such as Astellia, Enensys Technologies, Envivio, Streamezzo and Teamcast, to name but a few, that are present at 3GSM 2007 congress. There are also countless academic research teams (Irisa, IETR, INSA, Supelec, ENSTB etc.) which are closely involved in this work as part of the European Union's 7th Framework Research & Development Programme.

Together, these players help to develop new technological systems such as MPEG4, DVBT and DVBH broadcasting platforms, triple play convergence, the IPV6 protocol, video on mobile etc.

An area leading the way in mobile TV

The innovations developed today in the high-definition television and TV on mobiles sectors put Breton companies among the world leaders.

By taking part in the emergence of new services for television transmission, broadcasting and reception on mobiles, Breton companies such as Enensys, Teamcast, Siradel, Astellia, Streamezzo and Envivio are enjoying exponential growth and they will be unveiling their latest innovations and news at 3GSM.

The Bretagne stand at 3GSM will display a platform for the broadcasting and reception of television on mobiles, new modulators (adapted to the FLO and DMB-T standards), a software program that calculates radio coverage, and numerous collaborative projects being undertaken within the Media & Networks cluster e.g. Mobim@ges, Bretagne 3D and Barcelona 3D, or Im@g'in HD (an experimental channel set up for the last Route du Rhum transatlantic yacht race, using the operational applications from the latest HD technologies).

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Press release - February 13, 2007 – 3GSM World Congress 2007

“Our cluster invents tomorrow’s media and networks”

Our motto, launched at the departure of the *Route du Rhum* transatlantic yacht race this fall, outlines our ambition as a cluster of worldclass competencies for the multimedia of tomorrow. At 3GSM this year you will have a flavour of some of our key topics. We shall highlight the potential of HDTV with *Im@g'In HD*, interactive 3D geographical data map with *Barcelona and Bretagne 3D*, and innovative services on mobile with *Mobim@ges* thanks to the cooperation between a terrestrial broadcasting network (like DVB-H) and a mobile telecom network (2.5G / 3G).

The Media & Networks cluster, located in Bretagne and Pays de la Loire, is the only region in France, in Europe and even in the world, **where the three value chains of audiovisual, telecommunications, and information technologies are combined**, thus creating the conditions for convergence and integration and providing a strong competitive edge.

Our members now include more than 125 companies, among which well-known international large groups, roughly 90 SMEs as well as 20 research laboratories and higher education institutions, all sharing a common vision and R&D roadmaps for technology and services in the fields of HDTV and mobile multimedia for more interactive, more personal, more secure and valuable audiovisual and multimedia contents.

Our aim is to create systems and networks with performances that can cater for these services, all of which are greedy as regards transmission rates. We also develop the essential tools to protect contents and personal data and explore the potential of virtual reality. In the R&D programs, more than 50 projects have been given formal backing to date, involving about 50 SMEs and a total of more than 800 engineers in the next two-year period.

Born one year ago, we are now up and running, thanks to our funders' confidence (members themselves, Regional councils and the French Government). Our challenge is now to set up platforms and demonstrators, with pinpoint technologies but focused on usage, that will become places to assess and develop contents and services, and that will be used by the players in the cluster as well as by international partners.

"Increased awareness" will also be important in order to find the best partners. The cluster's European ambition was underlined by its appointment to the NEM technology platform (Networked Electronic Media) Steering Board, Media Parc Barcelona, Eureka and ITEA cluster, and by a number of our members' attendance to the 3GSM.

Our ultimate goal is to lever on these results to enhance economic development as well as citizen appropriation in order to build a long-term success for companies and territory.

Our members at 3GSM 2007, at Booth 2F49 and at individual booths:

Enensys Technologies: Member of the Media & Networks board, Enensys is involved in several cluster projects: *Mobim@ges*, *Distrim@ges*, *Castim@ges*, et *Mobim@gine*. Enensys helps define and dimension platform architecture, as well as specify and bring-up the new DVB-H transmission equipments that will provide the level of innovation defined by *Mobim@ges* partners, in a set of use cases and experimental scenarios.

Siradel's involvement in Media & Network Cluster is in Thematic Groups and in a granted project, namely *Techim@ages* on domestic future networks including MIMO technologies. Another project has been submitted recently. Besides it is an opportunity for SIRADEL to make test and demonstrate its products and Know-How (Digital Map Data, Propagation Models, Measurement Methodologies) within ambitious and important demonstration activities granted by the Cluster. This kind of testbed is clearly an advantage for SIRADEL to strengthen its leading position worldwide. The international vocation of Media & Networks cluster can give for SIRADEL additional opportunities to present to telcos its international R&D experience shared with other highly skilled partners. Siradel is a world leading provider of geographical databases, radio expertise for planning and optimization of any radio network, as well as of the market's leading propagation modelling software, *Volcano*. SIRADEL can provide professional, customized, turn-key solutions according to the customers' requirements in the wireless telecom and broadcast industry.

TeamCast contributes to several Media & Networks cluster projects relating to Mobile TV. Gérard Faria, Teamcast's Executive Officer, is one of the cluster's board SMEs representatives. At 3GSM 2007 TeamCast presents its latest DVB-T / DVB-H products in the area of TV for mobile / handheld terminals. Founded in 2003, TeamCast is a leading supplier of OEM technology for digital TV transmission equipment manufacturers, with solutions for the worldwide markets (Europe, USA, and Asia).

Vision Objects is increasing its investment within the mobile handset industry and has recently joined the Media & Networks Cluster in order to partner with its members and strengthen its position within this market. A leading provider of handwriting recognition and text input methods providing natural user interaction with mobile devices, Vision Objects will be showcasing MyScript handwriting recognition on various devices.

In the Media & Networks cluster, **Alcatel-Lucent** focuses on developing innovative services related to images, particularly in mobility, as well as on fixed-mobile network convergence, integrating broadband image applications. As co-founder and member of the executive board, Alcatel-Lucent leads several projects: Scalim@ges (ANR project), VOD@IMS (on interactive services around video on demand) and Companym@ges (on image services in the professional world). It also plays a major role in several other projects such as Mobim@ges (access to images in mobility) and Imag'In (user acceptance platforms).

Astellia is a member of the Media & Networks cluster, which brings opportunities of new partnerships for a faster time-to-market of the products developed. Since 2000, Astellia has been providing solutions (software and equipment) for QoS and network performance analysis to more than 130 mobile operators and manufacturers worldwide. The products are developed by a 50 engineer R&D team. Most of the technology comes from partnerships with operators' R&D or operating teams.

Envivio - Powering IP Video convergence from Mobile to HD

As a member of the Media & Networks Cluster, Envivio is involved with other "High-Tech" company to develop the IP video convergence solutions, and in several cluster projects: Mobim@ges, Im@g'In, Mobim@gines, Scalim@ges. Envivio is the leading technology provider of MPEG-4-based IP video convergence solutions for telcos, enterprises, and broadcasters. Supporting a wide range of network protocols, resolutions, bit rates and devices, Envivio is the only company to offer IP video convergence solutions from mobile to HD. Envivio solutions deliver industry leading AVC/H.264 compressed video quality at the lowest bit rate for mobile TV, Internet TV, broadcast contribution and interactive IPTV. Service providers worldwide use Envivio solutions to reduce their operational costs while offering subscribers compelling video services anytime and anywhere.

Orange/France Telecom's participation in the Media & Networks cluster allows the group to develop its management and control of the IP image chain, mobile and fixed residential broadband and high-speed broadband, the continuity of service (landline, mobile) and audio-visual communication.

France Telecom specifically steers 2 projects. Mobim@ges, which designs and tries out new formats of contents and uses resulting from coupling the world of distribution and the world of mobile communication. Techim@ges centred on the technologies relating to the increased speed of rates in domestic networks.

France Telecom is a partner in other projects. Distrim@ges, proposing audio-visual services to DVB-IP standard (Digital Video Broadcast). Scalim@ges, involved in scalable video encoding, a key factor for the introduction of high definition on all types of display systems, including mobiles, and all types of networks. Imag'In, a showcase project for the technologies developed in the cluster: image on mobile terminals, virtual reality, etc.

France Telecom is also the leader or partner in fourteen of the projects selected by the ANR (French National Agency for Research), thus preparing the cluster's medium-term scientific basis.

Within the cluster, **Streamezzo** solutions are experimented in the Mobim@ges project, and Streamezzo develops an adaptation to DVB-T environment in the Interlight project (ANR funding). Streamezzo, a leading provider of embedded rich media solutions- designs, develops and markets tools that make mobile phone content more appealing and more interactive. In addition to its TV-on-mobile solutions, Streamezzo also provides music applications, portals and user interfaces aimed at improving browsing ergonomics. Streamezzo Rich Media "Interactive Mobile TV" solutions allow design of customized user interface, management of multimedia assets, and channel organization. Streamezzo Rich Media Software Suite is compatible with 2.5G and 3G infrastructures and is ready for the next generation of DVB-H, DMB, MediaFLO and CMMB broadcast networks.

Thomson, co-funder and co-chairman of the Media & Networks cluster, is involved in several projects aiming at speeding-up innovation. Thomson provides a unique set of video technology solutions from content capture, preparation and delivery, including mobile devices for content creators, broadcasters and telecom operators. As the leader in digital video technologies to the media and entertainment industries, Thomson is naturally applying its extensive industry experience, to the rapidly-growing mobile content industry to better service its media and entertainment industry clients. In the area of digital mobility, Thomson offers an end-to-end solution that spans compression, DVB-H IP encapsulation, electronic service guide creation and delivery, MPEG processing, network adaptors, video servers, quality of service (QOS) management and monitoring, TV transmission – as well as an exemplary mobile TV service platform.

Find our members in the attached **relay-plan**

More info: www.media-and-networks.com www.images-et-reseaux.com

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Press Release

For Immediate Release

Barcelona, February 12-15 2007

ENENSYS to show its full Mobile TV product range : complete DVB-H Broadcast Chain, DVB-H field RF analyzer and T-DMB broadcast products!

ENENSYS shows their Mobile TV broadcast products as well as a handy DVB-H professional receiver and analyzer.

ENENSYS Technologies, manufacturer of industry leading DVB-H and DTTV equipments, will show up their complete DVB-H end-to-end delivery chain, including DVB-H IP Encapsulator, modulator, amplifier, as well as a set of video over IP distribution products. As 3GSM show is the key event for Mobile TV products presentation, ENENSYS will demonstrate their T-DMB / DAB modulator and USB2.0 adapters for ETI stream play and capture.

ENENSYS will specifically take the opportunity to unveil the first DVB-H analyzer on the market that fits in hands, able to perform an OFDM RF analysis as well as a MPEG2 and DVB-H analysis. DiviCatch RF-T/H is a compact receiver, analyzer and recorder for live DVB-T or DVB-H streams. Self-powered through USB, the pocket-size device is fully portable and performs on-field real-time RF and MPEG2 analysis and capture. DiviCatch RF-T/H is ideally suited for test and monitoring.

"A complete DVB-H transmission architecture will be replicated on our booth, from content aggregation to content reception on a variety of DVB-H handheld receivers, through an IP primary distribution network", said Nicolas FANNECHERE, VP Marketing at ENENSYS Technologies. "On side of transmission aspects, operators need to have a clear view on the DVB-H network they deployed, needing key performance indicators. We are proud to present at this 3GSM 2007 exhibition our DiviCatch RF-T/H analyzer fulfilling the needs in DVB-H field test and monitoring."

"With IP distribution products, ENENSYS contribute to customers' operational expenses optimization, while handy DVB-H RF analyzers are the straight answer to the broadcast network coverage and quality measurement demand. ENENSYS products will accompany operators and broadcasters migrating toward DVB-H all along their way."

About ENENSYS Technologies SA

ENENSYS develops high quality transmission products for TV on MOBILE, DTTV and Video over IP applications:

- DVB-H solutions: Modulator, IP Encapsulator, Single Frequency Adapter, USB2.0 to/from ASI adapter (Stream Player or Recorder/Analyzer)
- T-DMB solutions: Modulator, USB2.0 to/from ETI (G703, G704) adapter (Stream Player or Recorder)
- Video over IP solutions: IP to ASI and ASI to IP interfaces
- Generation or Recording/Analyzing/Receiving of Digital TV streams (ASI, SPI, ETI, Digital Cable RF, DVB-T, DVB-H) based on USB2.0 adapters

ENENSYS, headquartered in Rennes, France, in the heart of the European Digital Broadcast Cluster, is listed on Euronext Paris Stock Exchange (FR0010286252 – MLENS). ENENSYS has over 200 customers located in 36 countries including Broadcast Operators, Mobile Phone Operators, TV Channels Chipset Vendors, Set Top Boxes Manufacturers, Professional Equipment Manufacturers and Integrators.

More information on <http://www.enensys.com>

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News Release

FOR IMMEDIATE RELEASE

TeamCast introduces new DVB-H demodulators at 3GSM 2007

Rennes, France, February 6, 2007 – TeamCast is introducing at 3GSM 2007 two new demodulators for reception of Mobile TV. These two professional grade receivers meet the DVB-H and DVB-T standards.

RXH-1000 is a dual chain demodulator, available as a module belonging to the ModulCast® family, ready for easy integration into the host equipment, whether this is transmission equipment, test equipment or an ENG system. With two RF signal inputs, RXH-1000 is a versatile receiver, usable in several modes: antenna diversity reception with MRC¹ processing, full hierarchical demodulation (two separate MPEG-TS outputs), dual receiver function (two independent MPEG-TS outputs), or high security receiver with main / backup RF inputs. It includes the latest model of the DiBcom demodulation chip family, providing full compatibility to the DVB-H standard, advanced performance in mobile situations with multipath propagation, and MRC¹ processing capability.

POD-1000 is a DVB-H receiver module designed to be connected to a Personal Computer through a USB port. It offers full DVB-H reception, including complete management of the MPE FEC decoding layer, so that any standard video decoder can be used on the host PC for displaying the program. It is delivered with application software which offers the monitoring capabilities needed for Mobile TV coverage monitoring and field trials. As an option, a software development kit (SDK) is also available for developing professional applications based on this module.

“With these two new receivers, TeamCast is consolidating its pioneering range of DVB-H devices, meeting the expectations of professionals wanting to develop receiving and testing equipment, or wanting to monitor and evaluate Mobile TV transmissions” says Eric Pinson, Product Line manager at TeamCast. “They offer the optimum level of features, at the lowest possible price”.

Both receivers are shipping from mid-February 2007.

More information on www.teamcast.com

¹ MRC : Maximum Ratio Combining. Process in which signals received on different antennas are combined at the carrier demodulation level, to minimise the impact of the channel impairments and maximize robustness in mobile situations.

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News Release

FOR IMMEDIATE RELEASE

TeamCast introduces new OEM DTV signal generators at 3GSM 2007

Rennes, France, February 6, 2007 – TeamCast is introducing at 3GSM 2007 a new family of signal generators for digital TV testing equipment.

SGN-2000 is a family of OEM signal generators for testing Digital TV receivers either at the laboratory stage or at the manufacturing stage. The family includes today DVB-T / DVB-H compliant models with either VHF/UHF or L-Band frequency ranges. Additional models to be introduced in 2007 will comply with the FLO, DMB-T (China) and DVB-SH standards.

Equipped with a standard digital signal input (DVB-ASI), the current models offer full digital DVB-T and DVB-H modulation and include a channel simulator able to add white Gaussian noise (AWGN), and channel fading with several Doppler modes (Classical, Pure and Flat profiles are offered).

In comparison with previous OEM signal generators from TeamCast, these new models include emulation of additional channel profiles for Mobile TV, while maintaining simple adjustment for level, delay, phase and Doppler.

They are delivered in the same compact and cost effective packaging as any standard ModulCast® module, ready for easy integration into the host equipment

“With these new generation of signal generators, TeamCast is expanding its offering of high quality OEM devices for professionals wanting to develop test equipment for checking receivers either at the R&D stage or on the manufacturing lines”, says Eric Pinson, Product Line Manager at TeamCast. “They offer a unique combination of features, at the lowest possible price. Models for all main DTV standards worldwide will be soon available, allowing our customers to target all markets, with no duplication of their effort”.

New DVB-T / DVB-H generators are shipping from mid-February 2007.

More information on www.teamcast.com

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SIRADEL Press Release

3GSM World Congress, Barcelona, the 13th of February 2007

■ ■ VOLCANO 2.7 RELEASE

SIRADEL is pleased to announce the forthcoming release of **VOLCANO 2.7**, the new version of its suite of propagation models for the wireless industry.

VOLCANO 2.7 is the answer to customers who need to use the **VOLCANO solution** for computation-intensive predictions, for large networks comprising up to several thousand sites.

VOLCANO is the world leading solution providing wireless telcos with accurate and flexible radio coverage prediction techniques, necessary to have maximal confidence in the quality and capacity of any wireless network for mobile, broadcast and FWA (e.g. a WiMAX network) applications.

■ ■ VOLCANO chosen by TELEFONICA

SIRADEL is pleased to announce that an agreement has been reached with **TELEFONICA** for the integration of **VOLCANO** with **TELEFONICA**'s proprietary network planning tool, **URANO**.

This agreement follows a series of tests performed by **TELEFONICA MOVILES & I+D**, aimed at validating the radio performance of the tool, its ease-of-use and efficiency in an operational context.

According to **TELEFONICA MOVILES**, "our motivation for choosing **VOLCANO** is that it is the best alternative. The tests that we performed produced satisfactory results, and also **VOLCANO** was available for both the Windows and Linux platforms."

"Closing this deal with a key player like **TELEFONICA** is a major step in **SIRADEL**'s global development and strengthens our position and views about the future of wireless network design tools, particularly with the advent of new technically challenging technologies", said Laurent Bouillot, CEO of **SIRADEL**.

■ ■ About SIRADEL

SIRADEL is a world leading provider of solutions designed to improve the quality of coverage of existing and new operational radio networks, in the wireless telecom and broadcast industries.

With a total independence from the industry and a strong financial backing from **SIRADEL**'s shareholder, **SIRADEL**'s offering is based upon a unique combination of expertise in three areas :

- Radio-wave propagation modelling, with the **VOLCANO** software solution,
- Radio coverage expertise and radio field measurements for model tuning purposes,
- Digital mapping capacity applied to telecom applications with a unique asset of accurate 3D digital maps in more than 100 countries.

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Astellia sustained a profitable growth in 2006 and is ready for 2007 challenges

Astellia will participate for the 7th time in the 3GSM exhibition in Barcelona. This will be the opportunity to meet many of its 130 worldwide customers who will also attend to the exhibition. The company will demonstrate that its solution brings true value to mobile operators – either those installing and developing their 3G networks or those deploying / extending 2G networks.

At 3GSM, Astellia will mainly focus on its now very complete solution for the monitoring of mobile networks. It is available for 2G, 2.5G and 3G, giving a clear vision of the customers' real experience of the mobile network. The company will present especially advanced KPIs and

troubleshooting tools for UMTS.

The solution provides valuable information for all operators' teams (QoS management, handset profiling, validation and benchmarking, SLA management etc.). A complete range of results is issued, from high-level dashboards for management (Trending & Aggregation, Service Level Management) to sophisticated tools for experts (radio behaviour, service behaviour etc.).

Beside its powerful solution, Astellia also delivers specific services (audit, consulting, training etc.) customers may require.

Thanks to an innovative approach and the huge involvement of the team, the company reached a 25% growth in revenue in 2006, reaching 16 million euros of turnover. More than 25 new customers placed their trust in our company.

The staff increased from 80 to 105 people, mainly highly-qualified telecom engineers and experts. Astellia also enriched its support team to provide an even better support, to quickly answer customers' technical questions and to intervene whenever necessary.

In July, the company moved to a new larger location within the Rennes (West of France) area. Astellia is already present worldwide with offices in France, the USA, Singapore, Lebanon, and lately opened an office in Brazil.

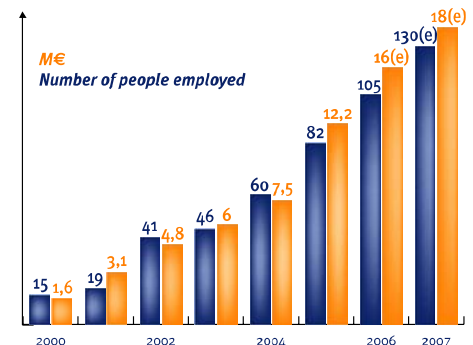
These many events highlight Astellia's successful development over the previous year.

About Astellia

With an experience of two decades in the telecom activity and a constant in-the-field involvement, Astellia helps more than 130 mobile telecom operators worldwide to maximize the performance of their GSM/GPRS/UMTS networks and thus to offer an optimum quality of service to their subscribers. Thanks to Astellia's optimization solutions, operators can decrease network troubles and increase revenues.

www.astellia.com

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Streammezzo Acquires Kamayo

Leading mobile services provider strengthens its offer to provide solutions out-of-the-box

Paris, February 5, 2007 – Streammezzo, a leading provider of rich media software solutions and platforms for mobile communications, announces its acquisition of Kamayo. Kamayo designs and develops multimedia applications for mobile devices.

Streammezzo has become a leading provider of rich media mobile services by developing robust, innovative solutions; its acquisition of Kamayo is a clear statement of the company's commitment to continued growth and development. Kamayo's experience and expertise will enable Streammezzo to respond to the growing demand for out-of-the-box solutions, while boosting its offer of customized, value-added services for major operators and media providers.

"Kamayo's team develops outstanding interactive services for broadcast as well as unicast networks (2.5 G and 3G)," says Alain Blancquart, CEO, Streammezzo. "The merger strengthens our leading position in the market, and enables us to respond to new challenges by leveraging Kamayo's remarkable experience and expertise. Streammezzo will become a key vendor in emerging markets like mobile TV and mobile."

"We are pleased and proud to be joining Streammezzo," states Denis Bastiment, founder and chairman, Kamayo. "Streammezzo's footprint will enable us to step up our international development and since Streammezzo and Kamayo work with complementary services and technologies, our clients – and mobile end-users – are going to see an explosion of dynamic, rich media services."

Kamayo was created in 2005 to develop intuitive, interactive rich media services for mobile communications. Kamayo's success is founded on the right mix of developers, engineers, designers and ergonomics specialists. This unique combination thrust Kamayo to the head of its field; customers can depend on Kamayo's one-stop-shop to deliver first-rate services from strategic planning through creation and ergonomic development to full-scale deployment.

Kamayo depends on Streammezzo's technology for unbeatable time-to-market; with forces now combined, Streammezzo and Kamayo will lead the field in rich media services for mobile devices.

About Streamezzo

Streamezzo – a major provider of embedded rich media solutions - designs, develops and markets tools that make mobile phone content more appealing and more interactive. In addition to its TV-on-mobile solutions, Streamezzo also provides music applications, portals and user interfaces aimed at improving browsing ergonomics. Streamezzo's solutions have already convinced major mobile operators, broadcasters and contents providers to launch innovative services on 2.5 and 3G networks as well as experimentations for DVB-H and S-DMB networks.

Alain Blancquart is the CEO of Streamezzo whose headquarters are located in Paris.

www.streamezzo.com

About Kamayo:

Kamayo offers interactive multimedia solutions for mobile phones intended for content and mobile service providers, mobile commerce websites, media groups and mobile portal operators as well as advertising agencies. Kamayo supports its customers in every step of rich media application development, from strategic planning to the design phase which is mainly focused on optimising service use, all the way to deployment.

Kamayo also designs and operates an innovative, multilingual platform enabling mobile multimedia service publication, management and control in ASP mode.

www.kamayo.com

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FOR IMMEDIATE RELEASE

Envivio Demonstrates Mobile TV Encoder with Quad Channel Input for 3G Networks at 3GSM World Congress

Barcelona — February 12, 2007 — 3GSM World Congress — Envivio Stand #2H12 – Envivio Inc., the leading technology provider of IP video convergence solutions from mobile to HD, is presenting a technology demonstration of a new mobile TV encoder specifically designed for 3G networks at the 3GSM World Congress on its stand #2H12. The space saving one rack unit (RU) encoder with quad channel input supports multi-rates, multi-resolutions and multi-standards. Compliance with international mobile delivery standards including 3GPP and 3GPP2 will allow operators to optimally distribute high quality audio and video to mobile phone and mobile television subscribers.

Features highlighted within the technology demonstration of this broadcast grade quality encoder include:

- 4 analog video inputs,
- 4 analog stereo inputs,
- IP interfaces,
- Simultaneous output profiles from a single input allowing multi-rate, multi-resolution and multi-standard outputs,
- Support for 3GPP and 3GPP2 as well as most 1G, 2G, 2.5G and 3G mobile video applications, and
- Support for live bit stream switching.

Expected to ship in the first half of 2007, the new encoder will be available in multiple configuration options designed to match the requirements of the mobile network in which it will be deployed.

Currently, Envivio has the largest number of mobile video headend deployments with more than 2,000 encoders sold to over 100 Tier 1 and Tier 2 operators. In 2007, the company's success in the area of mobile video was recognized by the world-renowned telecommunications industry analyst firm Frost & Sullivan, who awarded Envivio both the Frost and Sullivan Product Innovation award for the 4Caster M2 mobile TV encoder as well as the Entrepreneurial Company of the Year award for the world digital media infrastructure market.

About Envivio Inc.

Envivio Inc. is the leading technology provider of MPEG-4-based IP video convergence solutions for telcos, enterprises, and broadcasters. Supporting a wide range of network protocols, resolutions, bit rates and devices, Envivio is the only company to offer IP video convergence solutions from mobile to HD. In 2007, Envivio won the Frost and Sullivan's Product Innovation award for the 4Caster M2 mobile TV encoder as well as the Entrepreneurial Company of the Year award in the world digital media infrastructure market. Envivio solutions deliver industry leading AVC/H.264 compressed video quality at the lowest bit rate for mobile TV, Internet TV, broadcast contribution and interactive IPTV. Service providers worldwide use Envivio solutions to reduce their operational costs while offering subscribers compelling video services anytime and anywhere. Visit www.envivio.com for more information.

Envivio is a registered trademark of Envivio Inc. All trademarks used herein, whether recognized or not, are the properties of their respective companies.

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FOR IMMEDIATE RELEASE

Envivio Mobile TV Encoder Integrated with Leading Content Protection Systems from Irdeto, Medialive and Nagravision

New Module for the 4Caster M2 Provides Open Standard-Based Encryption for Mobile Video Services

Barcelona — February 12, 2007 — 3GSM World Congress — Envivio Stand #2H12 — Envivio, Inc., the leading technology provider of IP video convergence solutions from mobile to HD, announced today that it has expanded the capabilities of its award-winning mobile TV encoder by integrating the Envivio® 4Caster™ M2 with leading content protection systems from Irdeto, Medialive and Nagravision. M2 now includes a new module for ISMACryp and SRTP streams that provides open standard-based encryption for mobile video services compliant with both DVB OSF and 18Crypt. Along with its embedded encryption, the 4Caster M2 provides a DVB SimulCrypt interface to multiple Conditional Access Systems (CAS) allowing operators to have their choice of content security systems.

“Content protection is a necessity for the acquisition and delivery of quality content. Integrating with key vendors who provide DRM and CAS solutions as well as adding encryption to the 4Caster M2 encoder provides our customers with more security options as they expand their services,” said Julien Signès, President and CEO of Envivio Inc.

Content protection systems allow operators to manage transactions and interactivity to ensure that only subscribers who have paid for a service or piece of content can gain access to it. To support operators using these systems, the 4Caster M2 now includes a native DVB compliant stream encryption and interface that has been integrated with systems from Irdeto, Medialive and Nagravision to manage key exchange. Encryption can also be applied separately to each profile output by the 4Caster M2 which supports multi-profile encoding allowing streams to be encoded for different resolutions, frame rates and formats. Content encrypted by M2 cannot

be viewed without authenticated privileges enforcing protection for premium content.

The addition of encryption within the M2 serves a dual purpose. It reduces headend complexity by removing the need for external encryption servers. It also provides additional content security since the encoded streams are encrypted before they enter the network, therefore providing less opportunity for the interception of unprotected streams.

Envivio Mobile TV Content Protection Demonstration at 3GSM Features Medialive Solution

Envivio will demonstrate the integration of the 4Caster M2 with Medialive on its stand #2H12. The demonstration features the Medialive capability to provide an advanced media content protection technology. The innovative Medialive technology scrambles the audio and video streams yet displays a “watchable” distorted image instead of a black screen in order to create subscriber “interest” for available content. The original content format is retained by the Medialive module and the subscriber’s device must be authenticated to provide unencrypted, unscrambled viewing. This technology is easy for subscribers to use and can interface with existing DRM and CAS architectures, thus meeting a service provider’s need for interoperability.

The World’s Most Advanced Encoding System for Mobile TV

Envivio 4Caster M2 is a multi-rate, multi-resolution and multi-standard H.263/H.264 mobile TV encoder that outputs eight simultaneous profiles from a single video input. Now in its third generation, M2 includes IP statistical multiplexing, WM9 support, IP input and CAS integration capabilities. M2 delivers video to any network, including 2.5G, 3G, and 3.5G networks, mobile broadcast networks such as DVB-H, as well as next generation networks such as Wifi and Wimax. And, M2

offers extensive device support as tested and verified by Envivio customers and partners and is compatible with all popular network standards, including 3GPP, 3GPP2, DVB-H and ISDB-T.

Currently, Envivio has the largest number of mobile video headend deployments with more than 2,000 encoders sold to over 100 Tier 1 and Tier 2 operators. In 2007, the company's work in the area of mobile video was recognized by the world-renowned telecommunications industry analyst firm Frost & Sullivan, who awarded Envivio both the Frost and Sullivan Product Innovation award for the 4Caster M2 mobile TV encoder as well as the Entrepreneurial Company of the Year award for the world digital media infrastructure market.

About Irdeto

Irdeto (www.irdeto.com) is a subsidiary of a multinational media group Naspers (NASDAQ: NPSN and JSE: NPN), is a world leader in content security, and provides comprehensive solutions for digital content protection in Digital TV, IPTV and Mobile environments. The company's support, sales and R&D offices are located worldwide with corporate headquarters near Amsterdam, the Netherlands. Irdeto offers both hardware- and software-based solutions. The company works with an impressive list of leading industry partners to create end-to-end solutions for any pay-media business. Irdeto's goal is to help operators increase content revenue by offering best-of-class security solutions supporting a wide range of revenue models.

About Medialive

Medialive's solutions are patented and based on a breakthrough innovative technology enabling secure digital content distribution over Internet and all telecom environments. Specifically designed for the audiovisual world, Medialive's solutions bring content protection and improve marketing operations; this unique combination leads to creative business models, also including legal P2P and content sponsoring. Major music labels, Movie distributors and Studios have expressed their interest to see their content protected by Medialive's technology. Medialive's shareholders include Techfund (SEL) and Sprint-Nextel Communications Inc, US third mobile network carrier. Visit www.medialive.com for more information.

About Nagravision

Nagravision (www.nagravision.com), a Kudelski Group company, is the world's leading independent supplier of open conditional access systems, DRM and integrated on-demand solutions for content providers and digital TV operators over broadcast, broadband and mobile platforms. Its technologies are currently being used

by more than 100 leading Pay-TV operators worldwide securing content delivered to over 66 million active smart cards and devices.

About Envivio Inc.

Envivio Inc. is the leading technology provider of MPEG-4-based IP video convergence solutions for telcos, enterprises, and broadcasters. Supporting a wide range of network protocols, resolutions, bit rates and devices, Envivio is the only company to offer IP video convergence solutions from mobile to HD. In 2007, Envivio won the Frost and Sullivan's Product Innovation award for the 4Caster M2 mobile TV encoder as well as the Entrepreneurial Company of the Year award in the world digital media infrastructure market. Envivio solutions deliver industry leading AVC/H.264 compressed video quality at the lowest bit rate for mobile TV, Internet TV, broadcast contribution and interactive IPTV. Service providers worldwide use Envivio solutions to reduce their operational costs while offering subscribers compelling video services anytime and anywhere. Visit www.envivio.com for more information.

Envivio is a registered trademark of Envivio Inc. All trademarks used herein, whether recognized or not, are the properties of their respective companies.

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FOR IMMEDIATE RELEASE

Envivio and GlobeCast Bring High-Quality Mobile TV to Orange Subscribers in France

61 Live Mobile TV and 16 Live Radio Channels in
MPEG-4 Reach Orange Subscribers

South San Francisco, CA and Paris – February 13, 2007 – Envivio Inc. and GlobeCast announce that they have reached a deal with Orange to deliver high-quality MPEG-4 television broadcasts to its mobile TV subscribers in France.

The new solution, based at GlobeCast's Paris technical operations center, features the Envivio® mobile TV headend - comprised of the 4Caster™ M2 encoders, winner of the Frost & Sullivan Product Innovation Award, and the 4Manager™ network management system. By deploying the H.263/H.264 Envivio mobile TV headend, GlobeCast will be able to provide Orange with the highest quality live television and radio services to any mobile device, from GPRS to HSDPA, in its subscriber network.

For GlobeCast, this represents an essential upgrade of its Orange-dedicated headend, which will allow the 61 television and 16 radio channels currently delivered by GlobeCast, to be distributed in a very high-quality, low-bit rate format. Subscribers to Orange's mobile TV services will benefit from a clear improvement in picture quality and quality of service. The Envivio mobile TV headend features the world's first and only multi-rate, multi-resolution and multi-standard encoder that outputs eight simultaneous profiles from a single video input. For Orange, this means a much greater interoperability among a wide variety of handsets, with multiple profiles generated from one input.

GlobeCast, a subsidiary of France Telecom, is a world leader in mobile TV delivery, currently managing the aggregation and delivery of 100 television and radio channels for Orange subscribers in France, the United Kingdom and Switzerland. GlobeCast's

worldwide offer to Orange includes everything from aggregation to 24/7 supervision, technical management and delivery.

Orange is a subsidiary of France Telecom and keeps 88.6 million mobile customers across 23 countries in touch. They're not just talking – Orange makes it easier for them to communicate in ways that are richer and more engaging. From their work life to their home life, Orange customers have the flexibility to choose how and when they connect to people, information and entertainment.

The Envivio mobile TV headend addresses the requirements for a robust and reliable telco-grade deployment by supporting the most network standards, including 3GPP, 3GPP2, DVB-H and ISDB-T. It includes a complete network management system with N+M redundancy and web management, as well as support for ISMACryp security and ISMA wireless standards, providing integration with mainstream mobile ecosystem components. Further validating the success of the Envivio mobile TV headend and the company's work in the field of video encoding solutions for mobile television applications, Frost & Sullivan gave its Product Innovation Award to the Envivio 4Caster M2 mobile video encoder.

Whatever the network, whatever the video standard, whatever the device and whatever the change in available bandwidth, the Envivio mobile TV headend is ideal to support the mobile TV services of today and tomorrow.

About GlobeCast

GlobeCast (www.globecast.com) - a subsidiary of France Telecom - is a leading global content management and delivery company. Via its worldwide satellite and fibre network, the company manages and transports 10 million hours of video and other rich media yearly for its core customer base of broadcasters, as well as corporate, government and retail clients. The company's global presence includes 15 teleports and technical operations centers throughout Europe, America, Asia, Africa, the Middle East and Australia.

About Envivio

Envivio Inc. is the leading technology provider of MPEG-4-based IP video convergence solutions for telcos, enterprises, and broadcasters. Supporting a wide

range of network protocols, resolutions, bit rates and devices, Envivio is the only company to offer IP video convergence solutions from mobile to HD. In 2007, Envivio won the Frost and Sullivan's Product Innovation award for the 4Caster M2 mobile TV encoder as well as the Entrepreneurial Company of the Year award in the world digital media infrastructure market. Envivio solutions deliver industry leading AVC/H.264 compressed video quality at the lowest bit rate for mobile TV, Internet TV, broadcast contribution and interactive IPTV. Service providers worldwide use Envivio solutions to reduce their operational costs while offering subscribers compelling video services anytime and anywhere. Visit www.envivio.com for more information.

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Our cluster invents tomorrow's media and networks

