

REACHING OUT TO THE WORLDDMB COMMUNITY

2007... The Year Ahead

I would like to take this opportunity to wish you all a very Happy New Year. 2006 proved to be a very important year for DAB technology and for the Forum itself. Not only have we changed our trading name to the WorldDMB Forum but we also saw DAB technology emerge into the world of Multimedia following the launch of the world's first commercial DMB mobile TV service. To add to this march of progress the Forum announced in November 2006 the adoption of an additional audio codec, adding to the DAB family of standards and designed specifically for highly efficient digital radio broadcasting. This has been met with a huge interest from Europe and Asia where regula-

tors are currently finalising and introducing digital radio standards.

Looking forward to the year ahead I anticipate that the DAB family of standards will continue to expand across the globe. As more countries adopt the additional audio codec, and with well established Mobile TV and new multimedia applications available via DAB technology, we expect the number of receivers available to increase even more than its current number, which is already in excess of 400.

2007 promises to be a challenging year with radio and TV broadcasters continually looking at new platforms and efficient ways to

deliver their content. DAB and DMB are well placed to provide the right solutions for all business models, whether free to air or for subscription services. With new European frequency plans taking effect, rollout of DAB and mobile TV services in China and the continued success of DMB in Korea, the Project Office, the Steering Board and our Committees are sure to be kept busy. The world of digital broadcasting will continue to develop and WorldDMB aims to remain at the forefront of these changes.

Quentin Howard
President of the WorldDMB Forum

Korea Plans for Country Wide DMB Services

The Korean Ministry of Information and Communication (MIC) have recently announced their future plans for the roll out of DMB across Korea starting in the first half of 2007. In February, the MIC will select regional broadcasters to offer DMB services. These additional

services will be offered in major cities across the country beginning in March. Until now, DMB services have only been available in the Seoul Metropolitan area.

Korea was the first country in the world to launch commercial mobile

TV services, which they did via DMB technology. Since its deployment in December 2005 over 3 million DMB devices have been sold, making it the most successful Mobile TV rollout in the world thus far.

Kelly Griffiths WorldDMB

DAB leads radio in the UK. Read about it on p. 3.



Beijing Market Developments. Read about it on p. 6.



Latest in the receiver market. On p. 9 -10.



Advertising on DLS Text

Commercial Broadcasters in the UK have taken their first commercial bookings for text information (DLS) to run alongside traditional audio advertising. Capital FM London, Choice FM London, Planet Rock, Classic fm and Virgin Radio have run campaigns for clients including Lloyds Bank (banking), Orange (mobile telecoms), IAMS (pet foods), thelondonpaper and The Times (newspapers). The campaigns have used text either in rotation with other programming messages, synchronised to the audio adverts, or a combination of both. Interest in text advertising has risen following the

publication of a Radio Advertising Bureau (www.rab.co.uk) report "Multi Platform Radio" which showed that 69% of DAB Digital Radio listeners used the text display on the radio to get extra information, and 42% had acted upon that information.

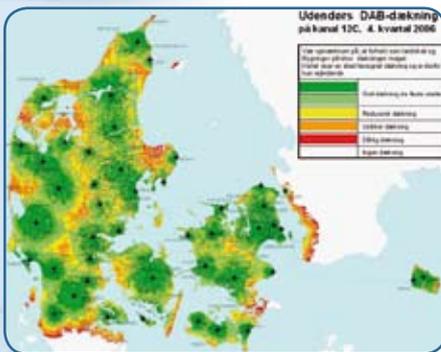
The UK commercial radio industry is now collaborating to create an industry wide rate-card structure for pricing text information, based on the rising penetration levels of DAB Digital Radio, and the proportion of DAB receivers that have large, clearly readable text displays. Once established, this will create a "gold

standard" for sales that will further establish confidence with advertisers in text information.

Trials continue with other forms of visualisation of radio, including various Slideshow trials and collaborations with receiver manufacturers to bring receivers to market with improved display capabilities, both for Text and Slideshows.

Nick Piggott
Gcap Media

Digital Radio A Danish Fairy Tale



The story of digital radio, and in particular DAB, in Denmark is like a well-known Danish Fairy Tale indeed. Born in an analogue nest, grown up as an ugly duckling between trusted and well-known FM-waves, DAB has now, supported by effective marketing, unfolded as a graceful and beautiful swan.

In the beginning, the broadcasters and the manufacturers accused each other of delaying the development of digital radio. Broadcasters would not start broadcasting until cheap receiver equipment was available. And, understandably, the manufacturers would not produce and market new radio sets until there was something in them. Consequently, the retailers had no receivers on sale, nor were there any customers demanding digital radio. We were caught in the classic

deadlock of the chicken and egg, and we started asking ourselves what would ever make the listeners switch to digital.

First we asked the engineers. Their answer was "enhanced sound quality". And we started simulcasting our FM channels on 256 kilobytes per second, and launched it as CD or near-CD quality. But it didn't sell. Then we asked the creative programme makers what would sell. "New original programming", they suggested. But we didn't have the money.

Eventually we asked the listeners what they liked and disliked about our programmes. We learned that the audience was actually very pleased with both the content and the sound quality of our programmes. But it appeared that they wanted us to broadcast their favourite programmes at other times than we actually did. The listeners did not ask for more channels. They just wanted their channel to play what they wanted, when they wanted it! We learned that CHOICE and TIME were the keys to the listeners' ears and hearts. And that setting the programmes, and thus the listeners, free of time was the killer application of digital radio.

Our response to the listeners' demand for choice of time and content was the launch of a broad range of specific services, exclusively designed for DAB. The content was cut and pasted from our FM serviced. Packed in targeted and formatted digital "packages", it represented a "radio browsing service", the listeners never had before: The latest news bulletin all the time, classical music all day long. Arts, culture and literature radio around the clock. Children's programmes when the kids demand it, etc. It's all always there. We pack it, you pick it!

Having the content ready, our efforts focused on marketing. We launched a joint marketing campaign with the manufacturers and the retailers. "Your personal radio - where YOU decide WHEN to hear WHAT", was the slogan. Sales have doubled year by year, and by the end of 2006, more than 14% of the Danes had access to a DAB receiver in their household, bringing Denmark to the DAB winners' podium with more than 15 percent household penetration.

This is the fairy tale of DAB in Denmark.

Leif Lonsmann
Danish Broadcasting Corporation

Digital audio broadcasting to continue in Sweden

Digital audio broadcasting, DAB, is set to continue in 2007. This has been confirmed following agreement between Swedish Radio and Teracom with regard to the conditions for the continuation of broadcasting in the forthcoming period.

“We believe that it is positive that digital audio broadcasting can continue pending a future long-term solution for digital broadcasting,” says Swedish Radio’s President Peter Örn. “At the same time, we will use next year to test and participate in the development of digital distribution techniques for radio broadcasting together with Teracom and other players in the market.”

Digital audio broadcasting (DAB) commenced in 1995 and the current

broadcasting license is valid until year-end 2006. Last week, the government announced that Swedish Radio would be granted an extension of the license to send digital radio (DAB) for an additional three years. Following the announcement, Swedish Radio (SR) has agreed the terms and conditions for continued broadcasting with Teracom. The agreement also provides both parties with a good opportunity to further develop digital audio broadcasting in cooperation.

“We are intensively monitoring developments within digital radio technology and we have already seen that the standard has developed with a new, more efficient audio coding called AACplus. This facilitates more channels, high sound

quality, multi-channel sound and much more that clearly proves that there is an exciting future for radio in all its forms,” says Teracom’s President Bengt Broman.

At present, digital audio broadcasting (DAB) is transmitted on a nationwide frequency in Stockholm, Gothenburg, Malmö and Älvsbyn, and potentially reaches approximately 35 percent of the Swedish population. The new broadcasting license offers the possibility of regional broadcasts and a trial operation for digital radio. In conformity with the license for FM, the license for digital audio broadcasting will extend until December 31, 2009.

SVERIGES RADIO AB
TERACOM AB

DAB leads radio in the UK



DAB digital radio has come along way since its inception; the technology has experienced sharp growth in the UK with over four million cumulative sales since 2002 and is performing strongly against analogue. In fact one DAB radio company, PURE Digital, is currently the number one manufacturer of portable radios overall in the UK with the PURE ONE being top seller in volume and value overall*. The brand has also just announced that it has shipped a million digital radios, which represents an important milestone for DAB in general.

A number of UK retailers are taking note of the decline in analogue sales and are cutting the products from their lines completely giving DAB another well deserved boost. There are now more than 300 DAB products on the market with something to suit every lifestyle from boomboxes to in-car and handhelds to micro systems. Portables are not the only product sector benefiting from the uptake in DAB sales; DAB clock radio sales have more than doubled since June 2006, dominating the segment, with the PURE Chronos taking the top spot in both volume and value*.

With a new all-time-low average price of £82, DAB is becoming all the more accessible and attractive thanks to the huge number of DAB services available (424, of which 231 are DAB only)**. The 2006 Christmas buying season was a hugely successful period for DAB with a number of products on the market

which particularly caught the public’s imagination, including PURE’s Marshall Edition EVOKE-1XT. New features such as EPG (electronic programming guide), Intellitext, MP3 functionality and rechargeable battery packs are giving the consumer more and more reasons to opt for DAB over analogue and this trend is set to continue in 2007.

Colin Crawford
Pure Digital
(Source: GFK and DRDB)



Minister of culture in Norway secures digital radio commitment by prolonging licences until 2020

In a press conference 22nd November 2006 the Norwegian minister of culture, Trond Giske, presented a new allocation plan for digital radio.

The existing digital licences for P4 and Radio2Digital were prolonged from 2014 to 2020. The commercial broadcasters P4, Radio2Digital and Kanal24 must commit to general public broadcasting in order to receive the additional 6-year licences.

In this move the national broadcaster, NRK, will receive all the capacity in the regional ensemble making it possible for the opening of 7-8 more channels and allowing for a broad range of NRK

programming. The remaining capacity in the national ensemble (1-2 channels) will be offered out.

Additional prolonging of existing licenses will not stop new players from entering the market. In 2010 there will be more frequencies and new licenses offered out. The decision is in line with earlier agreement that the digitalisation of radio in Norway shall be market driven and funded by the broadcasters themselves.

The reaction from the industry has been extremely positive. The CEO of the commercial broadcaster from P4, Kalle Lisberg said: "Any concerns

regarding DAB digital radio is now history with this decision." Furthermore the head of NRK, John G. Bernander remarked: "This is great day"...not at least for all the children in Norway who now can listen to NRK Barn (children channel) permanently with a DAB radio" In addition he also promised to make NRK Gull (archive channel) a permanent channel. "This was the security and long term perspective we needed to commit to DAB" said Head of Kanal 24 Jan Erik Pedersen.

Jorn Erik Jensen
NRK



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New DAB module supports Additional Audio Codec, L-band, Internet radio and music streaming for world-wide adoption



Frontier Silicon has launched a new “four-in-one” DAB module capable of receiving Internet radio, DAB, FM and music streamed from a PC. The new module, called Venice 6, is the first product to integrate a WiFi, DAB, and FM front-end together with an on-board WiFi antenna in a single module. It enables radio manufacturers to easily produce low-cost, feature-rich, radios for the global market, bringing thousands of Internet radio stations and music streaming to a new generation of affordable, easy-to-use home DAB/FM radios via household WiFi. Applications, which will include a wide

range of audio products from portable and alarm clock radios to CD micro systems, boomboxes and HiFi tuners, are expected in the shops by July 07.

Measuring a compact 107 x 40mm, the module is based around Frontier Silicon's powerful Chorus 2i processor. Venice 6 streams radio stations and music files in a variety of formats and protocols including MP3, Windows Media Audio (WMA), and Real Audio. The module integrates an intuitive user interface which enables easy navigation to switch between the four different modes of operation (Internet radio, music playback, DAB and FM).

In addition to the existing DAB standard, which uses the MPEG Audio Layer II coding, Venice 6 also supports the recently announced additional audio codec, sometimes referred to as DAB version 2. The module comes with a front-end that supports both Band 3 and L-band reception,

which allows manufacturers to market truly global DAB radios which can be introduced into all DAB markets, regardless of transmission band used or version of DAB standard adopted.

There has been a renewed interest in DAB amongst the European broadcasters with the introduction of DAB version 2. With its dual-standard DAB capabilities and WiFi support, Venice 6 will revolutionize the radio market by bringing high quality audio streaming to the masses, including live Internet radio stations and network-based music collections, and integrating it with DAB and FM-RDS functionality to produce products with strong world-wide appeal.

Steve Evans
Frontier Silicon

France Awaits the results from the Public Consultations

In October 2006, the French authorities (CSA) launched two further public consultations for Digital Radio Standards. The first, “Consultation publique sur les normes de la radio numérique en France” came from the Direction du Développement des Médias. These standards have to be precisely defined in an official decree, which will be ready in January 2007 and should establish DAB and DRM as the two dedicated standards for Digital Radio in France.

The second consultation is titled “Public consultation considering the possible launch of calls for tenders for digital broadcasting of local and national radio services”. The CSA received about a hundred responses from broadcasters, content providers, professional trade-unions, consortiums, network providers etc ... This allowed them to gather the technical recommendations from the radio industry for spectrum planning and multiplex configuration, as well as for the practical ways to ensure

the successful roll out and digital transition of all the actors in the radio media. The synthesis of this consultation will also be available in January 2007.

The next step should be the calls for tender, which could take place in the first quarter of 2007.

Bruno Duchemin
VDL



Beijing Market Developments

On the first November 2006, with the approval by SARFT, the DMB project was officially launched in Beijing. Ten audio programs and two video programs were officially broadcast, the number of the video programs has since increased to four.

According to its scheme, the TTI service trial will be launched on the first January 2007. The platform is based on the DMB data service. In February 2007, there will be 20 audio programs, four video programs and one data service broadcast on the Beijing DMB platform.

At present, great importance has been attached to DMB in Beijing. Both the People's Government of Beijing Municipality and the Organizing Committee of the Beijing Olympic Games are looking forward to seeing the fresh image that DMB technology will bring to the 2008 Beijing Olympic Games.



The Beijing Jolon Digital Media Broadcasting Co., Ltd., an affiliated company of Radio Beijing, is the operator of the services mentioned above and the developer of the network coverage. In order to make sure DMB can provide high quality program broadcasting and information services during the Beijing Olympic Games in 2008, the company will invest USD 18 million to the project of terrestrial coverage and subway coverage in Beijing.

Meanwhile, Beijing Jolon is making its

best efforts to promote DMB receivers in the Beijing market. Currently all devices that are capable of receiving DMB including mobile phones, PMPs, MP4s, MP3s, digital cameras, in-car receivers and USB receivers are highly popular. By the end of November 2006, some PMPs were made available in the Beijing market and the first batch of such products were sold out immediately.

According to its plan, Beijing Jolon hopes that one million DMB users will be attracted before the 2008 Beijing Olympic Games. In order to realize this goal, Beijing Jolon is actively cooperating with chip, module and receiver manufacturers worldwide. Radio Beijing will also make full use of its own strong advantages in advertisements so as to speed up the development of DMB receivers.

Xuegang Qing
Beijing Jolon

MODIBEC China European Project

WorldDMB has been selected as one of the three key partners in the MODIBEC Project (Cooperation on Digital Broadcasting Convergence with Mobile Communications between Europe and China).

The MODIBEC project is a 24 months multi-partner Coordination Action that intends to promote and support RTD cooperation between EU and China on digital broadcasting technologies especially the convergence with mobile communications. It will bring European and Chinese key players in digital broadcasting / mobile convergence areas closer to concrete

business opportunities and make recommendations for future actions.

MODIBEC will hold two workshops in Europe and three regional priority workshops in the cities of Beijing, Shanghai and Guangdong in China, in which European and local stakeholders will meet to discuss and define both research and implementation priorities that are in line with their national policies and identify areas and themes suitable for international cooperation. This will be followed by the national event where a large number of stakeholders will be invited to

discuss themes within the priority areas identified and make live Demonstrations.

WorldDMB is the event organizer in the project and will be responsible for the organization of the workshops and other key events for the project.

Julia Wu
Ertico



Digital Audio Broadcasting (DAB) Pilot Services in New Zealand

Kordia™ has begun a one year Pilot of DAB in both Auckland and Wellington. The Pilot is carrying nine audio programmes (both Public and Private broadcasters) and associated programme data.

Despite the heavy use of the VHF Band-III by almost 1,000 television transmissions throughout the country, and the particularly dense television deployment in these two cities, Kordia™ has managed to engineer these DAB transmissions without causing interference to television reception. To avoid interference, DAB coverage is primarily aimed at the Western, Southern suburban and rural sectors of Auckland, and to the CBD in Wellington.

DAB reception in the target areas is very good.

A wide range of kitchen and MP3 type receivers have been distributed to interested parties who live or work within the coverage area.

Very positive feedback has been received from a wide range of radio industry players, Government departments and customers. Of particular interest have been the live demonstrations of scrolling text, Electronic Programme Guides and the ease of use of the receivers.

Alternative uses for a DAB platform including broadcast slideshows and

Mobile TV are envisaged to be demonstrated by Kordia™ in the coming months.

In 2007 Kordia™ intends to work with the radio industry and Spectrum Regulator to try and achieve a commercial launch in the three main centres by Christmas that year. Timing is dependent on the allocation of Spectrum and availability of the recently ratified additional audio codec in consumer devices.

Kordia

The WorldDMB Project Office welcomes Rosemary Smith as the new Events and Admin Manager. She has an extensive international events background with Citigroup and the Royal College of Surgeons of England. She will be responsible for all of our events and promotional materials. If you would like to contact her please call the Project Office +44 (0) 20 7288 4645.



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Revised Canadian DAB Policy Promotes Innovation

Canada's broadcast regulator has decided that consumer interest in DAB will be improved if licensees are given more freedom to provide programming not found on analog radio stations. In its recently-released DAB licensing policy, the Canadian Radio-television and Telecommunications Commission (CRTC) agreed with broadcasters that Canada's 1995 transitional policy, which largely required DAB stations to simulcast existing AM/FM programming, needed to be changed.

Under the new scheme, applications will be accepted for new programming services that will only be available via L-Band DAB transmitters. Existing transitional simulcast DAB stations, 60 of which are now on the air, may also apply to provide separate programming if they wish. Recognizing that a more efficient Eureka 147 audio coding option may

soon available, the CRTC has also signaled that it is prepared to allow each DAB multiplex to carry more than the 5 programming services commonly provided at present.

The decision announcing the new policy notes that multimedia services, such as DMB, could be attractive to the public and would encourage technical innovation. So long as spectrum capacity issues are addressed and appropriate technical standards are adopted, the Commission says that it is prepared to consider applications for such services as well.

On the issue of licensing digital services in the AM and FM bands,



the CRTC notes that a number of technical issues relating to interference and coverage duplication still need to be resolved. However, if this can be achieved and technical standards are established by the Department of Industry, the Commission says that it would be prepared to authorize digital broadcasts, using technologies such as HD Radio and DRM. This approach to in-band digital services was recommended by broadcasters during CRTC public hearings held in May 2006.

Concluding its policy announcement, the Commission stated its intention to convene a radio broadcaster CEO "summit" within six months, in order to discuss the industry's implementation plans for digital radio services.

DRRI
Canada

Mexico looks to adopt DAB

In order to investigate all the available digital technologies for both television and radio, the Mexican Ministry of Communications (SCT) established an Advisory Council composed by members from government and industry. In 2004 the standard for digital terrestrial television in Mexico was published. However the standard for digital radio yet to be defined.

The definition of this standard is important as the broadcasting industry requires an urgent update in order to technically compete with the new media environment. Furthermore, this definition is crucial for the success of the AM radio stations, which in Mexico represent two thirds of the overall broadcasters in operation (759 AM stations from a total of 1,148 stations). It is necessary for them to modernize in

order to compete with the new forms of media entertainment.

There have been further developments in the Camara Nacional de la Industria de Radio y Television (CIRT, National Chamber of the Radio and Television Industry), the association, which brings together the Mexican commercial broadcasters. The development and evolution of all digital radio standards have been followed during the last 15 years by this group. In 2004 and 2005 simultaneous transmissions of IBOC-FM and DAB were carried out. Both of these demonstrations have been promoted by CIRT.

In 2005, "Radio Education", a station of the Education Ministry, carried out DRM tests in the 26 MHz band and in 2006 realized a hybrid mode test in the AM band. These demon-

strations/tests prove that Mexico is looking into adopting a new digital radio standard.

At present, CIRT, maintains in operation a DAB transmitter to continue with the tests and demonstrations in the real environment. CIRT is also planning to carry out tests and demonstrations of T-DMB in the near future. In the meantime, CIRT as a member of the Advisory Council, continues working in the adoption of a digital radio standard. CIRT further supports the policy for the transition of the radio stations from analogical to digital transmissions, considering the social, geographical and economic reality of Mexico.

Ernesto Reyes
CIRT

Latest in the receiver market



PURE Move™

PURE Move is a palm-sized, DAB and FM radio that's ideal for listening on the go. The built-in ChargePAK® battery pack recharges from the mains, providing over 40 hours of DAB digital radio from its internal speaker or headphone output. Move is available for £89.99. —————▶

PURE CHRONOS CD WAKES UP DIGITAL LISTENERS

The CHRONOS CD is a compact DAB/CD clock radio, which delivers superb digital-quality audio from its stereo speakers. Whether wanting to listen to a favourite audio or MP3 CD in the kitchen or wake to crystal-clear DAB radio in the bedroom, the stylish CHRONOS CD is the perfect choice for just £99.99. —————▶



PURE DIGITAL EVOKE-1XT MARSHALL EDITION DAB DIGITAL RADIO

The PURE EVOKE-1XT Marshall Edition DAB digital radio combines the award winning quality of the EVOKE-1 XT radio with the legendary style of Marshall Amplification to deliver the ultimate inrockradio from Planet Rock. EVOKE-1XT Marshall Edition costs around £99.99. —————▶

Sony XDR-S50, Very Compact DAB Radio

Key Features: Light & Compact DAB Portable Radio, DAB Tuner only, Mono speaker, 3 Direct buttons for 10 memory presets, AC & Battery operation (4 x AA), LCD display with 2 lines (16 letters), Sleep function and a Headphone jack. —————▶



MTECH USB Digital Receiver UDR-Ax

The UDR-Ax can receive and decode MP4 video streaming as well as advanced services such as MOT, DAB-IP, EPG and EPM in order to meet the specification of commercial mobile TV services. (Dual band: band III & L Band) —————▶

Latest in the receiver market



Morphy Richards Model 27024

DAB EPG and AFS (alternative frequency) are supported. Recorded events can be set via the EPG listing for ease and convenience. The firmware is upgradable via the SD card interface, thus making the radio future proof for reception modes within the bands covered. DAB (Band III and L Band), DRM (LW, MW & SW Bands), Fm and AM.

LG DMB Phone: LB6100

Key Features: Light & Compact DAB Portable Radio, DAB Tuner only, Mono speaker, 3 Direct buttons for 10 memory presets, AC & Battery operation (4 x AA), LCD display with 2 lines (16 letters), Sleep function and a Headphone jack.



LG N1 - Pocket All-in-one

Features include: Built-in Pocket-PC, T-DMB & GPS.

Blue Thunder DAB radio – DOLCE (LX300 series)

The value range of Blue Thunder DAB Radios is no slouch with its 4" and 2" full range speakers that offer high fidelity audio quality! Encased in an elegantly finished wood casing, the Blue Thunder LX300 Value DAB Radio offers quality at an affordable price. FM, Band-III and L-Band receptions.



Sunplus Portable MP3, DAB/FM

The portable device has an advanced feature for watching DMB service with a licensed software H.264 decoder running on PC. In other words, the portable DAB/MP3 device can turn into a USB dongle and watch DMB service on PC. Band II, III, and L-band.

Upcoming DAB/DMB/DAB-IP Trials

Malaysia:

Malaysia is another country in Southeast Asia showing increasing interest in DAB/DMB technology. RTM, the national broadcaster, will hold a DAB/DMB trial in the coming months.

Portugal:

Radiofusao Portuguesa (RDP) has had various weekly/monthly DMB demonstrations throughout the end of 2006. It is hoped that future demonstrations/trials will attract more interest from the broadcasters.

New WorldDMB Members

Reigncom

Reigncom is setting new standards in the digital entertainment arena. It is our mission to become a world-class brand through high-quality design and leading technology. We produce ease-of-use, people-oriented products, provide outstanding customer services and maintain customer confidence at all costs. We transfer imagination into reality.

SiPORT

SiPORT is a venture-backed fabless semiconductor company located in Silicon Valley that develops highly integrated silicon solutions for emerging Mobile Broadcast Audio and Video standards. SiPORT's innovations in algorithms, architecture, and design are the foundation for breakthrough silicon solutions that will enable the ubiquitous delivery of digital content to personal mobile platforms at attractive price points and form factors.

DIS Technology

Incorporated in 2002, DIS Technology Holdings Bhd ("DIST") is listed in the Malaysia Stock Exchange – MESDAQ and an MSC status company. DIST has been concentrating its research and development on DAB technology, thus producing Malaysia's first ever DAB radio.

Silicon & Software Systems (S3)

Silicon & Software Systems (S3) designs Integrated Circuits and Embedded Software Solutions for the world's leading technology companies. Since 1986, they have been combining a unique mix of design expertise, customizable IP and products to deliver cutting-edge design solutions on time, ensuring clients get to market faster.

Upcoming events

5–8 February	CSTB, Moscow WorldDMB Session	30 March–1 April	CCBN, Beijing, WorldDMB Pavillion
11–14 February	Le Radio, Paris WorldDMB Exhibition	14–16 April	Hong Kong Electronics Show
12–15 February	3GSM, Barcelona	14–19 April	NAB, Las Vegas
5–6 March	Australian Broadcasting Summit Sydney	1–3 May	CEBIT, Sydney

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