



DNA contracted Omnitele and KPN to support their design of the new HDTV broadcasting network in Finland

Press release

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Finland is one of the first countries in the world in which households will be able to receive high-definition (HD) broadcasting via an aerial. DNA has contracted Omnitele with partnership of KPN Radio Access Services to assist in designing the new DVB-T2 network for HD television. Omnitele and KPN Radio Access Services cover network architecture design, network coverage planning, performance analysis, transmitter parameter design and other planning support. The commercial HDTV broadcasts for antenna networks will begin at the end of the year 2010.

"Omnitele supported by KPN Radio Access Services is an ideal partner for our needs in finding the most advanced DVB-T2 network design. Omnitele is one of the most experienced companies in designing of wireless technologies while KPN, who like DNA also has its background as telecom operator and service provider, has successfully implemented a nationwide DVB-T network as part of its single access, triple play strategy. Together Omnitele and KPN Radio Access Services are valuable partners for us to help us through our ambitious project," comments **Tommy Olenius**, Vice President, Technology of DNA.

Omnitele is also excited about collaboration with DNA. "DNA is a quick-moving and agile company, which will definitely make a difference in the TV-broadcasting industry in Finland. DNA has an excellent telecom infrastructure in place. We just need to find the optimal way of utilizing it," says **Esa Vesterinen**, Head of Network Planning about Omnitele's new partner.

"KPN has a strong track record on DVB-T related projects." **Erik Vercouteren**, Director of Radio Access Services from KPN confirms. "The situation at the Finnish TV-broadcasting market is unique and DNA's ability to adapt to TV-broadcasting is impressive. The path is challenging, but we see DNA is taking just the right steps. We are glad to share our experience in partnership with Omnitele."

The HDTV broadcasting in antenna network was tested to good effect during the Vancouver Winter Olympics, when consumers in the metropolitan and Lahti area received HDTV broadcasted Olympics. "The airings got a positive feedback. HDTV has been expected for some time now for households using an antenna for TV reception", says **Pekka Väisänen**, Vice President, DNA's Consumer Business.¹

¹<http://www.dna.fi/en/dnagroup/press/pressreleases/Sivut/DNAlaunchesHDTVtestbroadcastsinLahti.aspx>,
<http://www.dna.fi/DNAOy/Media/Tiedotteet/Sivut/HDkoelahetyksetkiinnostivattvkatsojia.aspx>

Omnitele Ltd. is an internationally operating telecommunications consultancy established in 1988 upon a combined core of engineering and operator business expertise. Our consultancy services range from network planning and procurement to strategic business and technology advisory services. Omnitele main customers are mobile operators and system suppliers in Europe, Africa, Middle East and the Caribbean and in Finland. Omnitele headquarters are located in Finland. For more information, please visit www.omnitele.fi.

KPN Radio Access Services provides expertise in the fields of mobile and wireless radio networks to mobile and wireless operators around the world. Being part of a first-tier mobile operator ourselves, we know what designing and improving a mobile network entails. Our team has developed, planned, implemented and tuned KPN Royal Dutch Telecom's premium quality 2G and 3G mobile networks. KPN Radio Access Services provides hands-on expertise and experience – gathered in a live network environment over a period of more than 15 years - to ensure the success of mobile and wireless operators. KPN Radio Access Services is a subdivision of the mobile network department of KPN Royal Dutch Telecoms. For more information, please visit www.kpnradioaccess.com.

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