



Media Information

9. FTTH Conference Munich 2012:

WISI presents headend and transmission technology for multi screen video in FTTx Networks

Niefern, January 19, 2012 – WISI Communications GmbH & Co. KG (WISI), one of the worldwide pioneers and leading European provider of digital broadband reception and distribution technologies, will present at **booth S18** FTTH solutions and product novelties for the implementation and upgrade of TV headends and Next Generation Networks at the 9. FTTH Conference in Munich (February 14 to 16, 2012).

The TV market is rapidly changing due to the continuing merge of broadband and broadcast, thus offering the possibilities of interactivity and personalized content. For network operators who would like to keep their ability to compete in this dynamic media environment it is a must to be able to provide any high resolution video content and multimedia services to any device in any network. Together with the technology partner IP.Netcom WISI will show its comprehensive Multi Screen Content Management Solution AiMS as the ideal response for this challenge also for FTTH networks.

The system will also be a core element of the FTTH Council's exhibition „World of Applications“, where visitors will have the chance to experience the advantages of FTTH and the latest and most innovative applications for high resolution TV.

Multi Screen Content Management System AiMS

With the Content Management System AiMS network operators are able to provide TV and multimedia services via a single platform to the different devices of their customers. AiMS presents the services in the correct layout and corresponding resolution on flat screens, PCs, mobile phones, tablets and STBs with the highest possible bandwidth. According to the trend „Any video in any network with any device at any time“ the user is able to take the service to any place with his tablet or mobile phone.

WISI's products for digital TV signal processing and transport are a core part of this unique comprehensive solution, consisting of WISI's innovative headend systems CHAMELEON and TANGRAM for TV and IPTV as well as analog and digital fiber transmission systems.



CHAMELEON – single hardware multi-purpose headend

The headend system CHAMELEON is very flexible and can be used in linear TV distribution networks or in multi screen applications. Utilizing a single hardware all CHAMELEON modules are configured and programmed by software only. This concept reduces the total cost of ownership of the network headend. Among others available software modules for CHAMELEON are DVB modulators for different inputs, transmodulators, IP- and ASI streamer as well as re-multiplexer.

TANGRAM – high density IPTV video processing

With the ongoing digitalization of the networks more and more video signals are transported via IP. For feeding these IP encapsulated video signals into the analog access networks like RF Overlay or HFC, they need to be converted in QAM, PAL and FM. WISI's product family TANGRAM is a high density platform for cost efficient realization of these edge applications (Edge QAM, Edge Pal and Edge FM). The system offers all required features to be used in professional networks like redundant power supplies, 1+1 and n+1 redundancy, SNMP management, replacement of modules and fans in operation and many more.

OPTOPUS – optical RF access portfolio

WISI also shows its access platform OPTOPUS. This modular system is highly flexible, has an industry leading density, is very reliable and ideally fits in any optical network such as FTTx networks with RF Overlay or RF over Glass as well as HFC applications.

The RF Overlay solution based on the OPTOPUS portfolio consists of a comprehensive family of optical 1550nm transmitters and amplifiers. These in particular meet the necessary requirements of blast and split architectures used in Point-to-Point or PON networks.

OPTOPUS also offers the necessary components RF over Glass network, the FTTx technology for cable networks, using established transmission like PAL, DVB and DOCSIS.

WISI Communications GmbH & Co. KG (WISI)

The Wilhelm Sihm jr. company was founded in 1926 and is one of the world's pioneers in broadband reception and distribution technology. Today, WISI is active around the globe as an all-round and competent system supplier and partner in the fields of mobile communications, receiving and distribution technology, Cable TV and HFC technology, next generation networks and high frequency connection systems. In its three factories in Germany, France and Asia WISI currently employs around 550 people. WISI has subsidiaries in France, Austria, Switzerland, Sweden, Bulgaria, Spain and China. In addition the company co-operates with more than 100 partners in all important international markets. Additional information can be found at www.wisi.de.

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