

Rundfunk-Anstalt Südtirol enhances Digital Terrestrial TV network with Net Insight's Nimbra platform

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Stockholm, Sweden – RAS expand and upgrade Nimbra- based DTT network in Südtirol, Italy.

RAS (Rundfunk-Anstalt Südtirol) is the public broadcasting company in Südtirol and distributes all the German speaking TV and radio broadcasts in this North Italian region. In the beginning of 2007, RAS selected Net Insight's Nimbra platform for a small initial phase of its DTT network rollout and continued to expand during 2008.

Besides the main requirement for cost-efficient transport of ASI video streams and digital radio (DAB) with guaranteed quality of service, RAS was challenged with the topographical conditions of the mountainous region. Reliability was another crucial network design factor, which made RAS to deploy a fully redundant network with Nimbra 360 units.

RAS is now upgrading and extending the network with additional transmitter sites, now reaching about 30 transmitters in the area of Südtirol. Net Insight's Nimbra Vision is also implemented for efficient network management and the unique Time Transfer feature for GPS-free time synchronization is installed in the network.

"The Nimbra platform enables us to easily and cost-efficiently transport multiple services in our network at the highest possible quality levels," says Johann Silbernagl at RAS. "With the new Time Transfer feature we can also implement a Single Frequency Network. SFN networks are mandatory after the analog TV switch-off which is scheduled by the Italian Authority within November 2009 for the area Trentino-Südtirol."

The Nimbra 360 was especially designed for digital terrestrial media networks and its unique multicast capabilities make it easy to distribute both digital TV and radio. DTT networks often require a Single Frequency Network (SFN) where the transmitter stations must be fully synchronized. The integrated Time Transfer feature of the Nimbra platform allows highly accurate distribution of real time over the same network that carries the video signals.

"We are delighted to support RAS in their continued network evolution," says Fredrik Trägårdh, CEO of Net Insight. "Our Time Transfer feature reduces the total network investment since GPS receivers are no longer needed at the transmitter sites improving the operating efficiency and reducing operating costs thanks to more reliable and secure operation."

For more information, please contact:

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About Net Insight

Net Insight delivers the world's most efficient and scalable optical transport solution for Broadcast and Media, Digital Terrestrial TV, Mobile TV and IPTV/CATV networks.

Net Insight products truly deliver 100 percent Quality of Service with three times improvement in utilization of bandwidth for a converged transport infrastructure. Net Insight's Nimbra™ platform is the industry solution for video, voice and data, reducing operational costs by 50 percent and enhancing competitiveness in delivery of existing and new media services.

World class customers run mission critical video services over Net Insight products for more than 100 million people in more than 30 countries. Net Insight is quoted on the Stockholm Stock Exchange. For more information, please visit www.netinsight.net

About Rundfunk-Anstalt Südtirol

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