

## Press Release

### **Abilis Systems announces major milestone towards the introduction of a single-chip programmable mobile TV solution – from antenna to digital bit stream**

Geneva, May 22th, 2006 – Abilis Systems, a Kudelski Group (SWX:KUD) company, announced today its intention of becoming a major player of the next generation chips for the mobile digital TV market with the availability of samples of its reprogrammable OFDM demodulator. This revolutionary solution is part of global receiver architecture - from antenna to digital TV bit stream - designed specifically for mobile devices, such as cell phones, PDA or laptops or portable media players. This major milestone is the final step leading to the introduction of the world's first multi-standard, programmable Mobile TV single-chip solution offering the power, size and cost advantages of a leading edge 90nm RFCMOS manufacturing process.

The OFDM demodulator is based on a scalable, multi-core architecture dedicated to mobile applications, offering a unique combination of DSP programming flexibility and power efficiency of hardware accelerators. The architecture of the demodulator supports the various and emerging OFDM standards for Digital Mobile TV and broadband communication such as WiFi and WiMAX. An innovative and global approach to OFDM signal demodulation has enabled Abilis Systems to support the emerging multi-mode mobile terminal and the convergence of wireless communication and multimedia functionality.

"The potential of our programmable demodulator technology is tremendous and these samples clearly demonstrate the performance of our reprogrammable solution. We now have a solid foundation to build a large product family to support this important and growing market which will exceed the 100 million users barrier by 2009" said Yves Mathys, Abilis Systems CEO. "With the strategic support of the Kudelski Group, we are developing the technical and commercial synergies with the world leader of conditional access systems to offer highly secure and full-featured solutions to mobile operators. "

Abilis Systems' strategy is to be the first to introduce a single chip solution supporting European DVB-T and DVB-H standards, the most widespread mobile digital TV standards, which will be quickly followed by a triple-mode product adding T-DMB support.

Please visit Abilis Systems at KOBA 2006 on ACETEL stand 610, at the COEX International Center in Seoul, Korea.

### **About Abilis Systems**

Abilis Systems ([www.abiliss.com](http://www.abiliss.com)) is a semiconductor fabless company, founded in 2004 by a team of former Motorola SPS employees. Abilis develops single chip CMOS solutions for OFDM-based radio communication standards, including mobile TV receivers and high speed internet access transceivers. In 2005, Abilis became part of the Kudelski Group ,and actively cooperates with Nagravision to propose more secure and fully featured conditional access solutions to mobile TV operators.

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### **About the Kudelski Group**

The Kudelski Group ([www.nagra.com](http://www.nagra.com)) is a world leader in digital security. Its technologies are used in a wide range of applications requiring access control and rights management, whether for securing transfer of information (digital television, broadband Internet, video-on-demand, interactive applications, etc.) or to control and manage access of people or vehicles to sites and events. The Kudelski Group is headquartered in Cheseaux-sur-Lausanne, Switzerland, and its stock is listed on the Swiss Market Index.

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### **Glossary :**

**OFDM:** Orthogonal Frequency Division Multiplexing, modulation scheme widely used in broadband wireless standards such as DAB, DVB, ADSL, WLAN, WiMAX, UWB.

**DVB:** Digital Video Broadcasting organization for the global delivery of digital television and data services ([www.dvb.org](http://www.dvb.org)). DVB-T is the terrestrial standard while DVB-H is the handheld extension.

**T-DMB:** Terrestrial-Digital Multimedia Broadcast standard (T-DMB), Korean Mobile Digital TV standards based on the European Digital Audio Broadcast (DAB) standard.