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Media Release

Swiss High Tech for international Applications in the Bank- and High-Security-Document World

Launch of Sapphire at the upcoming Banknote Conference in Washington D.C. – Result of successful collaboration with a leading Swiss technical university

Thanks to a novel process developed by the Swiss high-tech company Rolic Technologies it is possible to produce unique, multi-colored security elements which find their use in the high-security-market. In contrast to the rainbow effect seen on known holograms in the banknote and credit card markets, the new technology by Rolic shows specially defined colors and clear color shifts in high-resolution. This increases the level of security and makes counterfeiting nearly impossible.

The innovative technology will be shown and introduced under the name “Sapphire” to an expert audience during the upcoming Banknote 2011 Conference which takes place in Washington D.C. in July. Sapphire is one of a number of newly developed product families, which Rolic has recently started to market under the trademark SECUNOTE™. They are based on the special LCMO technology (light based liquid crystal molecular orientation) which Rolic uses to produce security elements which find use in the banknote and the document industries.

The development of Sapphire was conducted in cooperation with NTB, Interstaatliche Hochschule für Technik Buchs (leading technical university in Switzerland) and is the successful result of a one-year project which was started within the project framework of the Swiss Commission for Technology and Innovation CTI.

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About Rolic

Rolic Technologies Ltd. is an innovative Swiss technology company specialized in targeted precision orientation of liquid crystals. Rolic structures surfaces in the nanometer range using polarized light. Such modified surfaces allow liquid crystalline materials to produce unique optical effects. Rolic develops methods, materials and products for the LCD industry, document and brand protection as well as for other industries. The company owns approximately 600 patents and patent applications most of which are being utilized commercially. With the innovative use of LCMO technology Rolic sets new standards for unique visual effects.

For further information: www.rolic.com / www.secunote.com