

## IPTV World Forum Press Release

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### **Latens Enables New Business Models with IPTV World Forum Launch of Stream Decryption Engine**

- Dynamically decrypts up to 100 live TV service in a 1RU cost-effective unit
- Latens SDE bulk decryptor functionality enables new business models such as 'Super-Headend In the Sky' architectures and simplifies regional service offerings
- Highly cost-effective – eliminates the requirement for a professional IRD to handle decryption of each individual channel

**IPTV World Forum: London, March 05, 2007** – Latens Systems, the pioneer of software Conditional Access (CA) solutions, today announces that it's launching Latens SDE (Stream Decryption Engine) at IPTV World Forum. Latens SDE is a super decryptor ideal for network operators needing to simultaneously decrypt a specified number of streams at any given network demarcation point, according to the entitlements/business rules applied at a headend. Able to descramble multiple channels within a single unit, the SDE brings operators significant cost reductions in content turnaround by eliminating the need for separate decryptors for each channel or stream.

"Think of the Latens SDE as having all the power and functionality of 100 "virtual decoders" in a 1U PC unit. This means that compared with conventional systems, Latens SDE saves the operator the cost of buying and installing multiple IRD's; smartcards; racking; power and the real estate to house it all," says Andy Mathieson, Director, Latens Systems.

"Protecting content through encryption can introduce a number of complexities to the network and the management of that content. From our extensive broadcast networks experience and by working closely with operators and partners deploying our CA solutions, we are continuously identifying ways of improving the efficiency of delivering encrypted content and enabling our customers business models."

## **Latens SDE specifications**

The Latens SDE super decryptor is implemented in software using security hardened Latens Enterprise Linux on standard Intel® Architecture based server technology. It includes a software based descrambler module that can simultaneously, selectively decrypt up to 100 individual MPEG-2/4 services using the NIST approved AES algorithm. The component is designed to be deployed in-line or in parallel with network equipment and provides 1000Base-T (Gigabit Ethernet over twisted pair) interfaces for input and output supporting Multicast UDP/IP packets. The component supports both MPEG-2 and MPEG-4/H.264 Standard Definition (SD) and High Definition (HD) content. Latens SDE can be deployed in multiple units, providing a high-availability redundant configuration.

Mathieson concluded: “Versions of the Latens SDE have been in beta-test with customers for some time in a number of applications. It will be used by satellite operators’ utilizing super-headend in the sky architectures to deliver content to local IPTV and cable networks. It also provides a simple, low cost solution that allows operators to use encrypted IP video over their core distribution networks without having to encrypt all the local/regional IP and cable networks with the same encryption system.”

## **About Latens Systems**

Latens designs, creates and deploys industry-leading software solutions to enable Pay-TV and IPTV operators to secure content, protect revenues and operate more efficiently. Latens’ pioneering design of downloadable, software based Conditional Access Systems is based on the company’s patented Secure Software Module technology and management systems, which ensure that all Pay-TV and IPTV operators can now cost-effectively maximize security. Latens also designs software components that interoperate with Latens Conditional Access Systems to increase an operator’s flexibility and efficiency while simplifying the launch of new revenue generating services, such as VOD, PVR and network PVR. Founded in 2002, Latens is the world’s fastest growing CA supplier. The company is based in Belfast, Northern Ireland with offices in Atlanta, London and Singapore.

For more information, please visit: [www.latens.com](http://www.latens.com)

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