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## Conax launches Conax Lynx, targeting premium 4K/UHD content in hybrid set top boxes

### What are we talking about?

Conax, announced the launch of Conax Lynx, a TEE-based (Trusted Execution Environment) isolation technology, designed to enable MovieLabs' enhanced content protection (ECP) requirements and to simplify CA integration for middleware providers & set-top-box makers. ([See link](#))

#### 1. What is Conax Lynx?

Conax Lynx is a TEE-based (Trusted Execution Environment) isolation technology. It is delivered as an SDK (Software Development Kit) which tightly comprises of the Main Agent & Trusted Agent running in two different environments on the DVB chipset. It simplifies the complex security requirements for MovieLabs' premium content (4K/UHD, HDR content) into a simple API layer for middleware providers. It is important to note that Conax Lynx, in itself, is not a security client for conditional-access (CA).

#### 2. Which security client does it work with?

Conax Lynx is available as an add-on for Conax Smart Cards. For cardless security clients, Lynx is pre-integrated in the Conax Prime Access offering.

#### 3. Who benefits from Conax Lynx

Conax Lynx has been designed to improve the robustness of security levels and the CA integration process. It creates benefits for operators, set-top-box vendors and middleware solution providers.

#### 4. What are the benefits of Conax Lynx?

Top three benefits for operators

- Boost ARPU with premium-product bundles (get access to MovieLabs' Premium Content – 4K/UHD, HDR, early release window, premium sports)
- Reduce subscriber churn to competing OTT-services – protect premium linear content despite increased threat surface on a connected STB
- Raise end-user satisfaction by enabling advanced STB propositions – let STB maker focus on UX, while we hide CA implementation under the hood

Top three benefits for STB makers

- Simplify the ECP requirements and integrate the CA implementation within the TEE
- Reduce time to market for advanced hybrid STB, with increased threat surface we hide security implementation under the hood
- Integrate one component for card-based and cardless security client, across a variety of middleware solution.

Top three for middleware vendors

- Flexibility to work with multiple STB vendors with Conax Lynx pre-integrated – enable reuse of integration effort across the STB vendor landscape
- Enable value added features through simplification, like PVR sharing for the operator
- Reduce time to market for advanced hybrid STB, with increased threat surface we hide security implementation under the hood

#### 5. How is it different from what Conax has been doing before?

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Conax has for several years worked with the STK Kit – specifying a set of requirements & guidelines of best practices when building STBs with security for Pay TV operations. This has given STB makers the freedom to design the CA modules based on their own designs. For advanced hybrid STBs, Conax Lynx will simplify further the integration with middleware solution providers. For Lynx, Conax delivers an SDK combining the Main Agent and Trusted Agent software components to set top box makers with the necessary CA functionality built into it, enabling security for MovieLabs' premium content.

**6. Which middleware solutions is Conax Lynx available on?**

By design, Conax Lynx is meant for advanced middleware solutions which provide access to 3rd party OTT apps & services. Examples on the market include Android TV, Linux, Open TV, RDK and others (this is a non-exhaustive list). The interfaces for Lynx have been designed to easily adapt across these different middleware solutions – be it Android TV or a Linux-based STB.

**7. Which eco-system partners is Conax Lynx available with?**

Conax is working with a range of set top box makers for specific customers to enable security for premium content over hybrid advanced set top boxes. There are ongoing integrations with our existing SoC partners, to increase the reach of this solution.

**8. How can someone get access to Conax Lynx?**

Conax licenses Lynx as a technology solution to its set top box & chipset partners. The licensing arrangement for getting access to this solution will be made available to partners.

**About Conax**

A part of the Kudelski Group (SIX:KUD:S), Conax is a leading global specialist in total service protection for digital TV and entertainment services via broadcast, broadband and connected devices. Based on the Conax Contego security back-end, Conax' future-ready technology offers modular, fast-time-to-market solutions. With Conax Contego all digital TV and entertainment companies can enjoy an easy entry into a world of secure multiscreen, multi-DRM content delivery and while being securely delivering premium content to a range of devices over any hybrid network combination. Conax technology includes the Contego-as-a-Service cloud-based platform, award-winning streaming service Conax GO Live, benchmark multi-DRM protection and the Conax Connected Access connected IPTV security client combining Conditional Access and DRM security in a single client. Headquartered in Oslo, Norway, ISO 9001 & 27001 certified Conax technology enables secure content revenues for 425 operators in 85 countries globally. For more information, please visit [www.conax.com](http://www.conax.com) and follow us on [Twitter](#), [LinkedIn](#), and [Facebook](#) to join the conversation.

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