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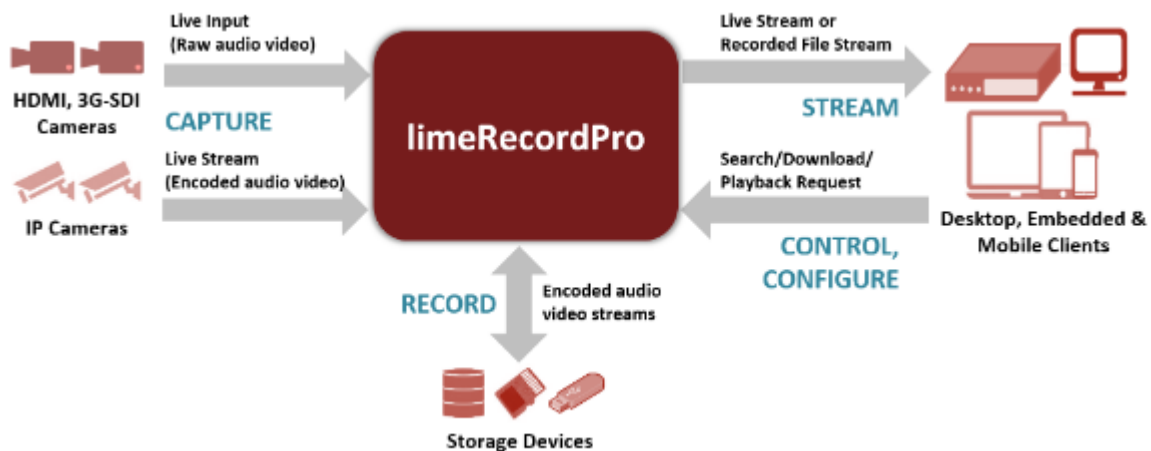
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machine vision & learning for next-gen video solutions

limeRecordPro: Intelligent 4K H.264/HEVC DVR

Ittiam brings the power of AI to its cutting-edge 4K UHD hybrid DVR solution – limeRecordPro. Capable of 4K UHD H.265 (HEVC) and H.264 recording of live video, limeRecordPro simultaneously enables streaming and/or playback functions. Inbuilt real-time vision and deep learning algorithms infuse limeRecordPro with real intelligence for edge devices in surveillance, medical, enterprise, industrial and defense applications.

HIGHLIGHTS	APPLICATIONS
· Context-aware encoding	· Surveillance Gateway
· Up to 70% savings in storage/bandwidth	· Connected OR
· Low-delay (<10 sec) tagging of objects/events of interest in recordings	· Police Car Recorder
	· Building Access Control

Objects/events (from remote browser UI)   Unmanned Vehicle Navigation

limeRecordPro: LIVE IN ACTION
Amsterdam, 6–9 Feb 2018

Booth #14-B110
Use Invitation Code 402358 to visit

Set Up a Meeting at ISE 2018

License the entire System Software for quick time-to-market

limeRecordPro is a part of Ittiam's Lime family of system solutions for 4K UHD video streaming and recording solutions. Harnessing Ittiam's trusted expertise in video and visual analytics, limeRecordPro delivers the complete system software comprising of reliable field-ready vision & deep learning features integrated with the core DVR/NVR functions.

LIME

The Real Intelligence in limeRecordPro
a triad of intelligent encoding, tagging and searching

Pro-Code (Intelligent Encoding)

- Context-aware encoding to optimize storage space & streaming bandwidth
- Up to 70% lower storage by triggering recording on detection of moving objects
- Up to 50% lower bandwidth by modulating streaming bitrate based on amount of motion
- Robust to background motion (ex: movements due to breeze) and ambient changes (ex: illumination variations)

Pro-Tag (Intelligent Tagging)

- Automatic addition of metadata/tags based on events (ex: motion trigger, camera defocusing/ tampering) or objects of interest (ex: cars, trucks, bags) in the video

progress

Pro-Find (Intelligent Search & Retrieval)

- Evolved search based on types of objects (ex: vehicles, people) and events (ex: abandoned bags, loitering, object count)
- Search on compound criteria (ex: find people with a bag loitering near the fence)
- Results of search available within a fraction of a second
- Search through limeRecordPro Web UI, accessible from a browser on remote PC/tablet
- Download/playback of searched recordings on remote PC/tablet

Request a Demo

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