

TITAN EDGE

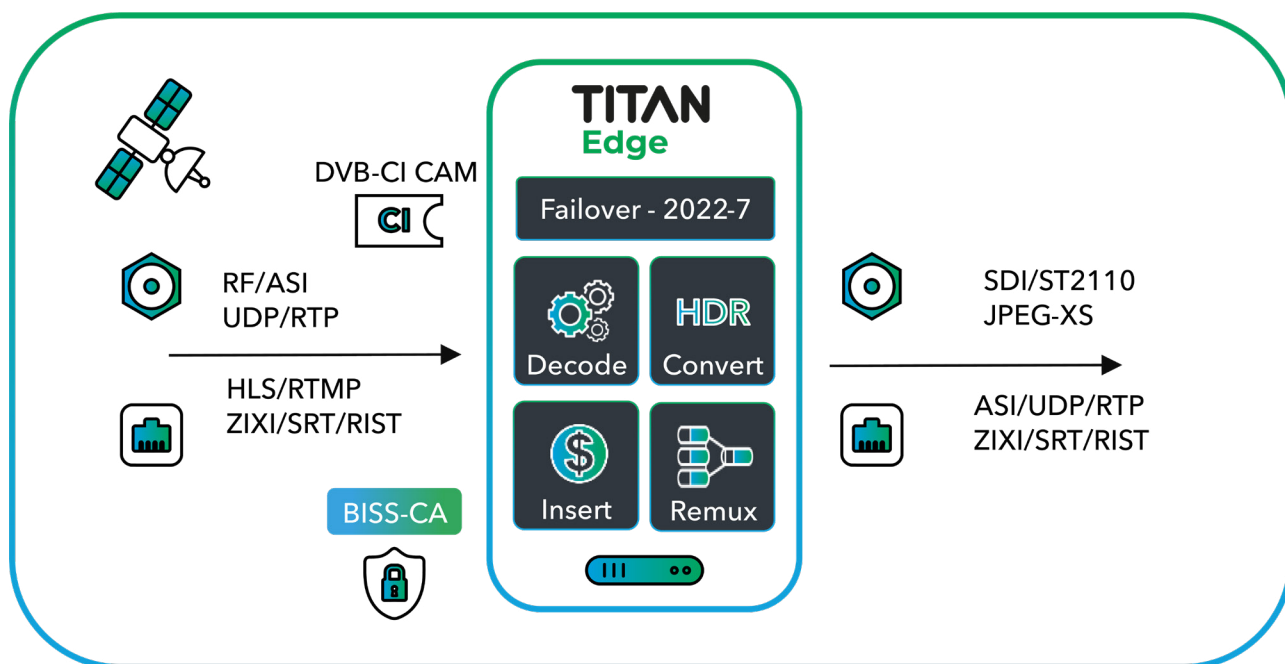
A PROFESSIONAL IRD

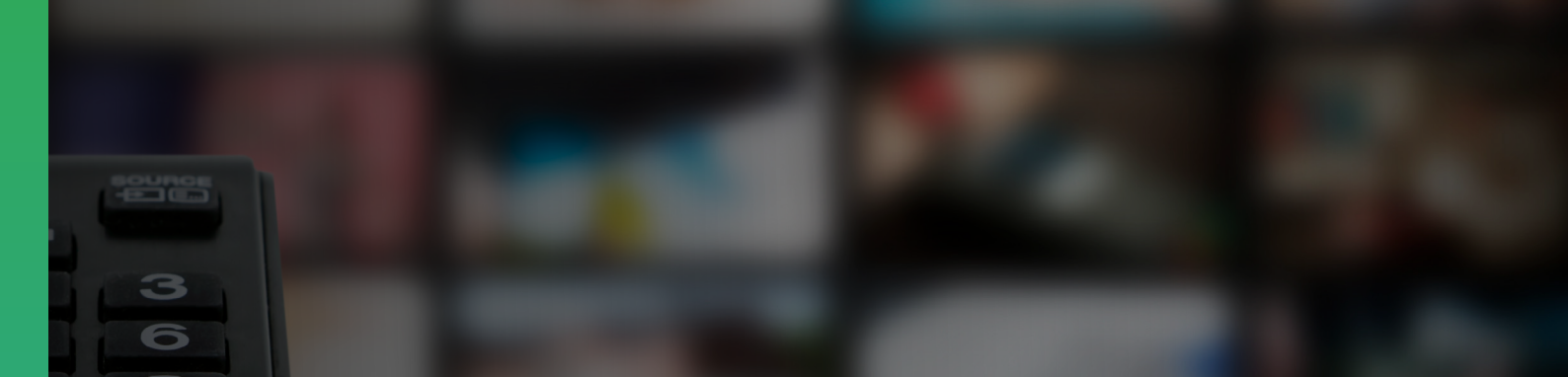
By Julien Mandel
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Ateme Titan Edge is a high-performance Professional IRD (Integrated Receiver Decoder) solution that offers advanced features for video processing and distribution. The Titan Edge solution is a software-based solution designed to efficiently and reliably decode compressed video streams.

Video, Audio & Data Processing: Titan Edge decodes multiple compression formats including MPEG-2, H.264, HEVC, J2k, and JPEG-XS, across SD, HD, Full HD, and UHD resolutions, ensuring high-quality restitution. It supports a wide range of audio codecs like like Dolby E, Dolby Digital & Dolby Digital Plus, Dolby AC-4, MPEG-2, AAC-LC to HEv2, including multi-channel audio for immersive sound experiences, while handling ancillary data like closed captions, subtitles, and metadata.

Various Interfaces: Titan Edge IRD offers versatile interface options, accommodating legacy linear interfaces such as DVB-S2x and ASI, and seamlessly integrates into modern IP-based workflows supporting network protocols like RTP, UDP, RTMP, HLS, and multiple ARQ solutions for enhanced transport reliability such as Zixi, SRT, and RIST. Additionally, with support for emerging standards like JPEG-XS and SMPTE-2110, it ensures compatibility with the latest technologies. Inputs are secured and combined with enhanced





failover or seamless switching possibilities.

Cost-Effectiveness: it surpasses hardware-based decoders with reduced initial acquisition costs and future upgrade possibilities. It requires less specialized hardware and can leverage existing computing resources.

Scalability and Flexibility: Titan Edge is designed to be highly scalable, allowing broadcasters and content providers to expand their video processing capabilities as their needs grow. It offers flexibility in deployment options, supporting both hardware-based appliances and software-based solutions running on standard servers or cloud platforms.

Management and Control: it comes with comprehensive management and control features, allowing operators to monitor and configure the device remotely.

High-End delivery: Additionally, Titan Edge supports advanced features such as audio immersive technologies and HDR conversion capability, enriching content for premium viewing experiences.

Overall, Ateame Titan Edge, with its high flexibility, cost-effectiveness, scalability, and integration capabilities, stands as an ideal solution for broadcasters and content providers seeking efficient delivery of high-quality video content.

ABOUT ATEME

Ateame is a global leader of video compression and delivery solutions, helping tier-one content providers, service providers and streaming platforms boost their viewers' engagement and reduce churn.

Leveraging an R&D task force that is unique in the video industry, Ateame's solutions power sustainable TV services, improve end-users' quality of experience, optimize the total cost of ownership of TV/VOD services, and generate new revenue streams based on personalization and ad insertion. Beyond offering technological agility, Ateame partners with its customers, offering flexible business models that match their financial priorities.

Find out more: www.ateame.com.