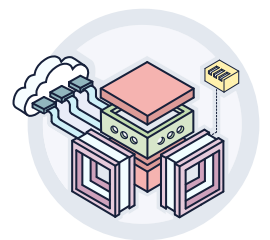


**emotion**

S Y S T E M S

# Solution Sheet

Emotion Systems Engine  
brings operational efficiencies to  
Media Supply Chains



In professional media management, the supply chain functions as a complex web of processes, demanding efficiency, adaptability, and precision. Within this intricate network, Emotion Systems emerges as a key player, offering innovative solutions through our Engine software to address the multifaceted challenges inherent in the media supply chain.

The modern media landscape is characterised by its diversity, with content flowing in from various suppliers in a multitude of formats. One of the primary challenges lies in normalising these disparate files into a consistent format, thereby ensuring seamless integration into the broadcaster's content delivery workflow and technical infrastructure. Emotion Systems' Engine rises to meet these challenges head-on, providing tailored solutions to streamline audio processing within the media supply chain.

## **Challenges**

- Receive files from different suppliers in a variety of formats.
- Need to normalise all received files to a consistent format.
- Conditional workflow integrated into the broadcaster's content delivery workflow and technical infrastructure.

## **Solutions**

- Engine can integrate with many different MAM and workflow systems to streamline audio processing.
- Audio normalisation of received files to a consistent format and standard.
- Engine automates this process, ensuring loudness compliance with a variety of standards.
- Integrate smoothly with your existing infrastructure using the ReST API.
- Engine audio processing is modular and can be distributed across on-prem and in the cloud.



## Automating Audio Compliance:

Adherence to international audio standards is paramount, Engine offers a comprehensive solution for automating audio compliance. By accurately analyzing audio content and applying necessary corrections, Engine reduces the manual workload significantly while mitigating the risk of human error. This automation not only enhances efficiency but also ensures consistency and quality across all audio files.

## Designed for High-Volume Content:

Emotion Systems designed Engine with high-volume operations in mind, catering to businesses dealing with extensive amounts of audio data. Engine's robust processing capabilities and rapid operation enable efficient handling of large-scale tasks, making it an indispensable tool for broadcasting corporations and video streaming platforms alike.

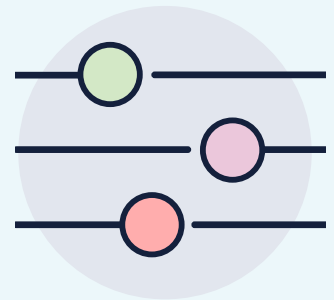


## Smooth Integration using ReST API:

Recognizing the importance of seamless integration, Engine is equipped with a Representational State Transfer (ReST) API, allowing for effortless incorporation into existing infrastructure. This seamless integration minimizes disruption to workflows, saving both time and resources while ensuring compatibility with established processes.

## Loudness Control & Compliance

Engine provides advanced loudness control features, ensuring compliance with international standards. This feature is essential in today's broadcasting world, where adherence to standards like those from the ITU and EBU is critical. Engine's precise control over loudness levels ensures a consistent audio experience across different platforms and formats, eliminating unpleasant volume changes for listeners.



Emotion Systems' Engine offers robust and versatile solutions tailored to the unique challenges encountered within the professional media supply chain. Through seamless integration, automated compliance, and flexible processing capabilities, Engine enhances efficiency and reliability, ultimately elevating the standards of the media supply chain industry-wide. As the demands of the media landscape continue to evolve, Engine remains at the forefront, empowering businesses to navigate the complexities of media management with confidence and precision.