Your Product's Core Application

StreamSDK	Dante Embedded Platform	Dante API

Hardware Layer

Soundcard	Ethernet	Wi-Fi / Bluetooth

Inputs
▶ Analog
▶ Digital

Output
▶ Speakers
▶ SPDIF

Network Switch

Network devices - add ports as needed

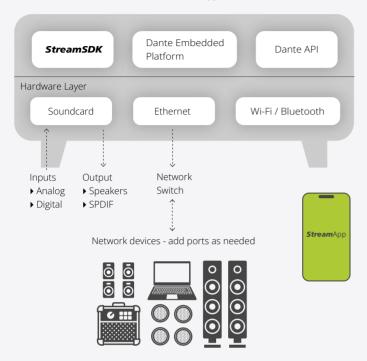*Stream*App

Dante is the most widely used, 100% interoperable audio-over-IP solution in the world and is currently deployed by over 500 manufacturers in over 3000 products that all connect seamlessly. Dante Embedded Platform provides Dante as software for use in Linux-powered audio products, delivering lossless, bit-perfect audio over standard IP networks with low, deterministic latency and sub-microsecond synch between all devices without requiring additional hardware.

The inclusion of Dante in StreamSDK gives StreamUnlimited customers access to thousands of existing Dante enabled products, and provides integrators with the most flexible, extensible, cost-effective audio system possible today.

Dante™

Potential Applications

▶ Pro Audio - add active speakers to portfolios previously dominated by passive solutions

▶ Immersive audio installations (home cinema, pro audio / studio etc)

▶ Custom installation projects in public spaces

Dante Key Points

▶ Low latency

▶ No additional hardware costs

▶ Proven high level of reliability

▶ High audio channel count

▶ Easy configuration

StreamSDK Key Points

▶ 3D Audio decoding in SoC - no DSPs required

▶ All major voice assistants can be realized without extra DSP

▶ Optimised to run proven and feature-rich StreamSDK Software

▶ Module and StreamSDK take care of the most complex parts of a connected device and therefore de-risk the product creation process

▶ Compact size (34 x 47mm)

▶ Low power

Dante DEP is now available for demonstration and development on the NXP iMX8 based Stream1955 module. It is also available on other hardware modules provided by StreamUnlimited.

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