



Today, even the simplest of processing equipment can have enough memory to delay video or audio a significant amount to introduce a human discernible lip-sync error - when the audio is not timed correctly to the action on the screen. Some system designs have the video and audio de-coupled from each other taking a separate path from source to destination, which becomes even more challenging to manage.

Managing audio and video timing in a broadcast environment can be a tedious and frustrating undertaking involving many man-hours of troubleshooting to

► **Features & Benefits**

- Non-intrusive in-service lip sync error measurement
- Tracks lip sync with up to 10 s of latency between signals
- Accurate reporting within +/-1 ms
- Works with all types of audio and video signals

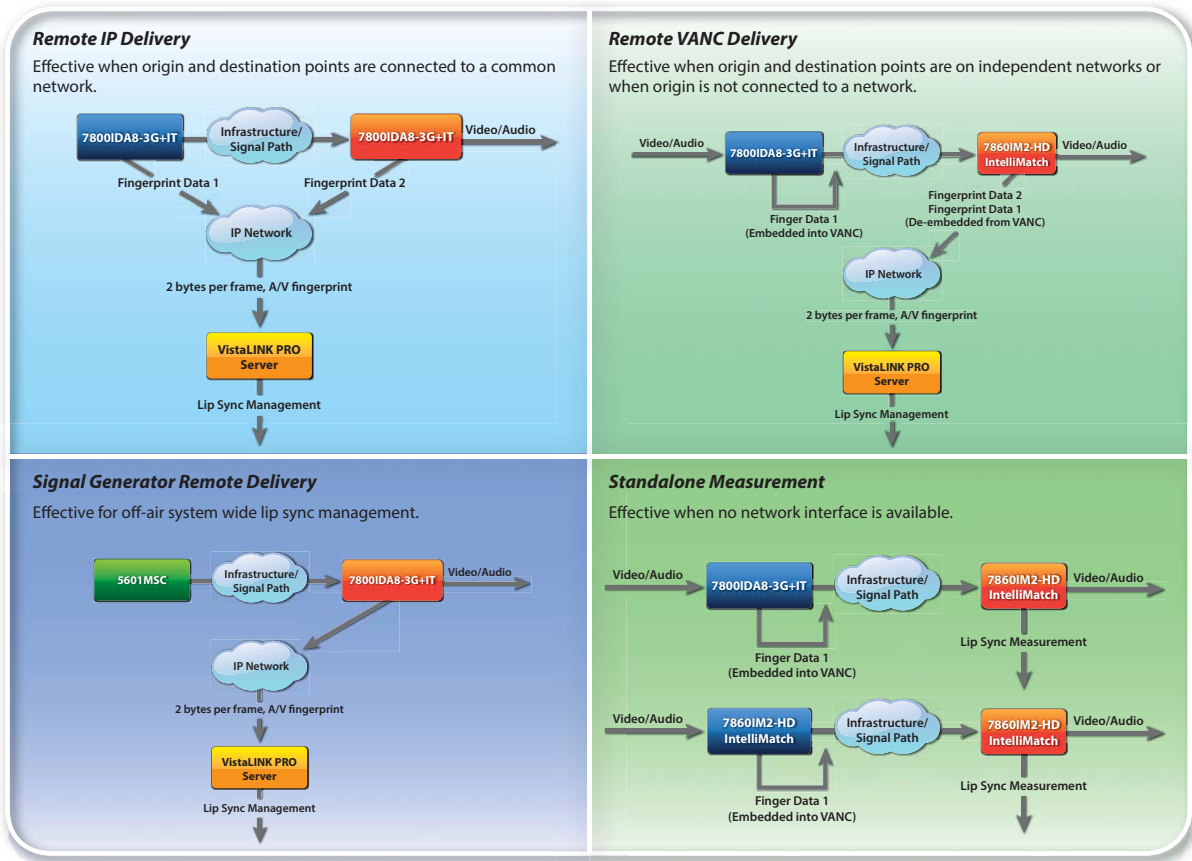
determine where the audio and video are drifting in time. Evertz has recognized this globally common dilemma and has engineered IntelliTrak™ as the solution to monitor and correct lip sync error in real-time and within real program content.

IntelliTrak™ has been designed to accurately measure the lip sync error between the audio and video by analyzing the content at an origin point and then comparing that to a final destination point. IntelliTrak™ does not introduce any type of watermarking or flag insertion into the stream and therefore operates in a completely non-intrusive manner.

This technology can be applied to a number of Evertz products, including frame synchronizers, protection switches, multiviewers and many more!

► **Designed to Fit into Any System**

IntelliTrak™ has been designed to blend into existing systems with minimal effort. There are several ways to implement IntelliTrak™ depending on the available infrastructure.



► **Ordering Information**

<b>+IT IntelliTrak™</b>	Non-Intrusive Lip Sync Analyzer	<b>7848FSE-3G</b>	3G/HD/SD-SDI Advanced Frame Synchronizer with Embedded Audio
	<i>Option to be specified at time of order with supporting product.</i>	<b>5601MSC</b>	Master SPG/Master Clock System - 3G / 3D Test Generation and IRIG support
<b>7800IDA8-3G</b>	3G/HD/SD-SDI Intelligent 1x8 Distribution Amplifier	<b>7860IM2-HD</b>	IntelliMatch HD/SD-SDI Signal Monitoring and Content Comparison
<b>7822AE8-3G</b>	3G/HD/SD-SDI 8 AES Audio Embedder	<b>VistaLINK® PRO</b>	Control and Monitoring Application Software
<b>7822AE4-3G</b>	3G/HD/SD-SDI 4 AES Audio Embedder		
<b>7822AD8-3G</b>	3G/HD/SD-SDI 8 AES Audio De-embedder		
<b>7822AD4-3G</b>	3G/HD/SD-SDI 4 AES Audio De-embedder		