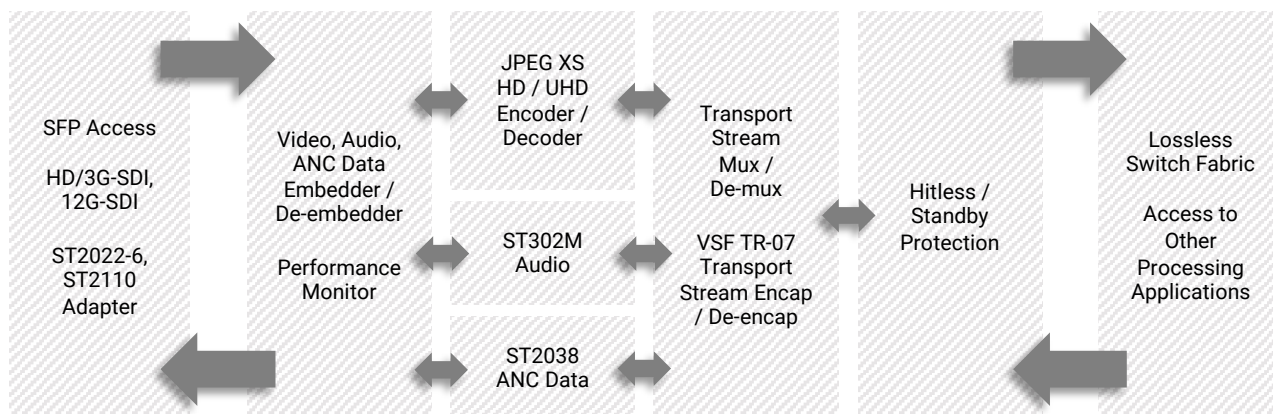


JPEG XS

Application Overview



Technical Specification

Video Interfaces	IP SDI	ST2110, ST2022-6 HD-SDI, 3G-SDI, 12G-SDI	Network	Encapsulation	VSF TR-07 TR-07/DTM/IP
Video Formats		720p (25/29.97/50/59.94/60) HD 1080i (50/59.94/60) 1080p (25/29.97/30) FHD 1080p (50/59.94/60) UHD-4K 2160p (50/59.94/60)		Protection	ST2022-7 Seamless 1+1 Hitless 1+1 Standby 1+1
Video Compression	Standard Mode Sampling HDR Compression Ratio Latency HD/FHD Density UHD-4K Density	JPEG XS (ISO/IEC 21122) Encoding or Decoding 4:2:2 10-Bit 4:2:2 10-Bit Source 4:1 to 20:1 1-3ms 8 (IF628) 16 (IF104x) 8 (IF628) 10 (IF104x)	Synchronization	Framestore Output Reference	Black Burst 50/59.94 Hz Tri-Level 50/59.94 Hz Nimbra Node Clock Decoder with Input Reference Black Burst 50/59.94 Hz
Audio	Mode Audio Channels	Uncompressed, 16/20/24-Bit LPCM 16 stereo pairs per video	Compatibility	Acceleration Modules	Nimbra 600 IF628 Nimbra 1000 IF1040 IF1041 JPEG XS Nimbra 600 IP Trunk IP Gateway* Nimbra 1000 JPEG XS IP Trunk
Ancillary Data	Standard	ST2038 Passthrough	Applications		
			Applications are continually updated with new features, compatibilities and performance improvements. Contact your Net Insight representative for the latest information. *Ask for availability.		