THE EMERGING AV OVER IP OPEN STANDARD FOR PRO AV





	In Progress	Phase 1	Phase 2	 	
Control	Discovery, Registration, Connections NMOS IS-04 Dynamic Connections NMOS IS-05, IS-11 Receiver Capabilities, EDID / HPD	Network Services and Node Behaviour VSF TR-10-9 Audio channel mapping NMOS IS-08 Support for Legacy Integration ARC, CEC, IR Remotes, GPIO, RS-232 Network addressing IPv4/IPv6	Training and Certification Curriculum and AVIXA Renewal Credits Device/Content Control Open, public control framework USB - HID Registration, Discovery, and Connection with support for Touch Screens	True Plug & Play	
Media	Uncompressed Video & Audio SMPTE ST 2110-20, 30 & 31 AES67, AES3 Compressed Video Open, Freely Available CODEC Precise Timing SMPTE ST 2110-10, SMPTE ST 2059 Simplified Timing VSF TR-10-2, Async & Relaxed Timing	Forward Error Correction VSF TR-10-6 ProAV Audio Formats VSF-TR-10-x	WAN & Internet Compression Codecs widely implemented in the AV over IP market WAN Error Correction Automated Return Request (RIST or SRT, tbd) Access Services (e.g. Closed Captioning) SMPTE ST 2110-40 or 41	Full Flexibility	
Security	Access, Authentication and Control Encryption NMOS IS-10	Copy Protection HDCP 2.3, VSF-TR-10-5 Content Encryption VSF- R10-x		Secure by Design	