

1 Executive Summary

Many different organizations within the broadcast industry have already recognized the need for a comprehensive control and monitoring environment for studio equipment. Due to differing product lines and market direction, each of these systems will have likely been derived from a different set of requirements. It is likely that varied enabling technologies that already exist within the network and computing industries would have also been incorporated into these systems.

This document provides an overview of an Advanced System Control Architecture that attempts to unify the existing proposed systems. It is a living document that will be used to capture the considerations of the Advanced System Control ad-hoc group. The intent of this document is to 1) provide a system overview, 2) to identify specific areas for SMPTE effort, and 3) to solicit input from interested parties.

SMPTE is about to embark on standardization efforts in this area. SMPTE encourages users, researchers, and vendors to participate by joining the Advanced Systems Control Architecture working group. Information on upcoming meetings, which are open to the public, can be found at <http://www.smpete.org/engr>.