



Streamaster™

Digital Imagination

Let Your Mind Flow



Digital DNA™
from Motorola



Streamaster™

The Control Center for Multimedia



ARCHITECTURE OVERVIEW

The deployment of broadband services is providing a significant opportunity for network operators to enhance their revenue at the same time that the lines between the computer, consumer appliance, and communications markets are beginning to blur. The Streamaster^a architecture from Motorola has been developed with the objective of unifying video entertainment, voice and video communications, and intelligent web access into one "future proof" platform while creating an open standards based content deployment platform.

These broadband networks require interactive multimedia applications, graphics, audio, animation and full-motion video. Motorola's Streamaster Interactive Multimedia architecture provides a powerful solution to today's broadband service providers and network operators. The Streamaster architecture integrates media handling, interactive graphics, and multi-source communications on a single platform to optimize network and multimedia applications. Key features of the platform are:

MPEG 1 & 2 Video & Audio Decode

High Speed Data Access & Internet Browsing

Network Neutral

Rich 2D & 3D Graphics

Network Upgradeable

pJava Applications Environment

For more information visit us at our website at www.motorola.com/semi/streamaster





NETWORK NEUTRAL

Network technologies are diverse and rapidly evolving. The ability to survive through the ongoing changes of emerging standards for networking and communications protocols without costly hardware replacement is mandatory. The Streamaster^a architecture uses a unique "network neutral" approach to solve this problem. Solutions for Digital Subscriber Line (DSL), Asynchronous Transfer Mode (ATM), Hybrid Fiber Optic Coax (HFC) and wireless networks allow network operators and service providers to select the solution that best meets their needs rapidly and cost effectively. In addition, as the world's leading supplier of wireless communications technology, you can be sure that Motorola will be on the forefront of wireless home networking and mobile multimedia solutions.


MEDIA MASTERY

The Streamaster architecture showcases a highly integrated media processor providing support for Moving Picture Experts Group (MPEG1 and MPEG2) audio and video decode, 2-D and 3-D graphics, overlays and interactive audio synthesis. The processor also outputs video and audio to audio-visual peripherals, such as televisions, audio receivers, and Dolby[®] AC-3 decoders and produces real-time 3-D content. The highly scalable, flexible, and programmable media processor architecture is designed to easily adapt to future standards and algorithms, providing longer product life cycles, and the ability to upgrade features as they become available. Future applications that now only exist in the minds of their creators are possible on a Streamaster based product.



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