

Digital Imagination

Let Your Mind Flow









ARCHITECTURE OVERVIEW

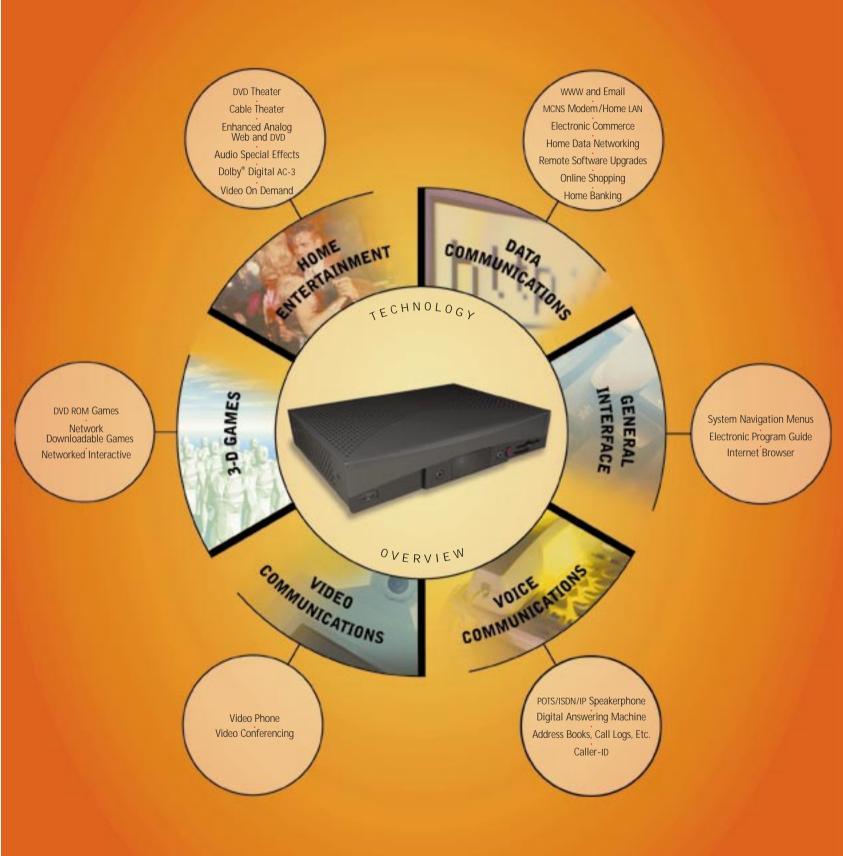
The deployment of broadband services is providing a significant opportunity for network operators to enhance their revenue at the same time that the lines between the computer, consumer appliance, and communications markets are beginning to blur. The Streamaster^a architecture from Motorola has been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

These broadband networks require interactive multimedia applications, graphics, audio, animation and full-motion video. MotorolaOs Streamaster Interactive Multimedia architecture provides a powerful solution to todayOs broadband service providers and network operators. The Streamaster architecture integrates media handling, interactive graphics, and multisource 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 &	Network Neutral
Rich 2D & 3D Graphics	Internet Browsing	pJava Applications Environment
	Network Upgradeable	

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 Onetwork neutralO 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 worldOs 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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