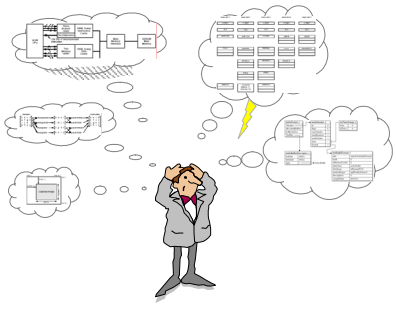
# TriMedia for managers: a 1-day seminar

## Executive overview

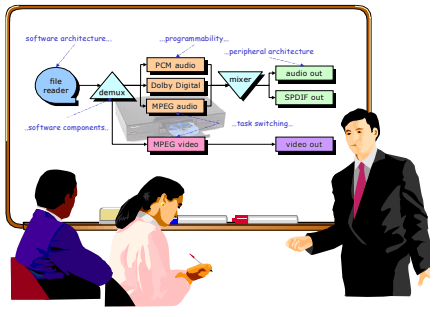
### Benefits

- Evaluate TriMedia properly
- Understand TriMedia capabilities
- Guide TriMedia projects better

Learn enough to be well-informed in discussions and evaluations, and to make sensible decisions and recommendations for its proper use.



Too much detail?




We put it in context

### Contents

In this 1-day executive seminar we explain the TriMedia system in its proper context, and make clear what it can do, why it is designed this way, and how best to use it. The seminar format follows a clear and logical narrative that makes complex issues clear but allows for plenty of specific discussion. Sessions cover:

- Context and scope
- Targeted applications
- System design issues
- Streaming media
- System architecture choices
- Software architecture
- CPU core architecture
- System on chip architecture
- Optimization
- Development tools

### System context and scope

We explain how the background to TriMedia's design is driven by the desire for performance in certain applications, and show how the resulting design choices relate to performance in particular new projects.

- TriMedia system context
- Platforms
- Streaming media
- Architectural choices
- Application/architecture mapping
- TriMedia system architecture

### Software Architecture

Understand how TriMedia software architecture speeds high-level product development and addresses problems of software re-use, maintenance and efficiency.

- Component architectures
- TriMedia Software Architecture
- Purpose and proper use of layers
- Streaming media tool kit
- Examples: MPEG-2/4, digital TV
- Operating system issues
- Development environment

### System on Chip architecture

We explain how TriMedia fits into a System on Chip architecture, and how a peripheral architecture can surround it.

- System on chip architecture
- Co-processors and peripherals
- Example SoC devices

### CPU core architecture

Learn why the TriMedia CPU is designed this way, what it can do, how it is programmed, and how its software tool chain works.

- CPU core architecture
- Reasons for VLIW
- TriMedia core design methods
- TriMedia core functional units
- Compilation tools
- Profiling and schedule reporting
- Purpose of custom operations
- Optimization

### Time and arrangements

This seminar takes 1 day.

It runs from 10 am to 4 pm.

It is presented 'on site' by arrangement.

We encourage contact following the seminar for advice, consultation and 'networking'.

### Follow-up training

This is an executive seminar. We also offer in-depth technical training for engineers and programmers who will be using TriMedia.

Contact us for details:

chris@bores.com

### Booking and questions

Call us by 'phone or send email to book or to ask questions.

- contact: Dr Chris Bore
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### About us

BORES Signal Processing train managers, engineers and programmers to understand and use DSP and streaming media processing.

- established 17 years
- excellent reputation
- worldwide activities
- www.bores.com