

## WEB TV TRAINING

### INTRODUCTION

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#### Who Should Attend?

This course is designed for technical and architect staff who are in charge of:

- Creation and evolution of architecture
- Technology intelligence

#### Prerequisites:

Familiarity with digital TV transmission technologies such as IP networking knowledge applied to video real-time transmission (UDP, RTP, multicast, etc.), and Internet Architecture is required.

#### Knowledge Acquired From The Course:

Participants of this course will gain the necessary knowledge to understand the technology and market trends.

### COURSE CONTENT

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#### Theory:

- **Overview**
  - OTT (Web-TV) versus IPTTV
  - Market state
  - The software package and hardware interfaces
- **Adaptive Bit Rate**
  - Apple – Http live streaming
  - Microsoft - smooth streaming (Silverlight)
  - Adobe – Flash dynamic streaming
- **Encoding, Screens, resolutions and streaming formats**
  - H264 video codec
  - Streaming formats
  - Technology comparison
  - Display resolutions
  - Scanning format and frame rate
- **Architectures**
  - IPTV Architecture
  - Convergent architecture
  - WebTV Architecture
  - CDN
- **Publishing Contents**
  - Pull-Mode connection
  - Push mode
  - Scrambling / DRM

## LANGUAGE

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Courses: English.

Materials: English.

Other languages are subject to feasibility and specific pricing.

## ORDERING INFORMATION

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### **Online Training (see calendar)**

- Duration: Three hours (Excludes practice)
- Connections: Eight mini - Sixteen maximum per session
- Please order the corresponding Web sessions available published on the Web site.

This training is only available online for the moment.

## CONTACT

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For other requests, please contact [services.training@thomson-networks.com](mailto:services.training@thomson-networks.com)