SDK AND FRAMEWORK
FOR SECONDSCREEN APPLICATIONS

- SecondScreen Apps
- Interactive Games
- Interactive Ads
- Social TV
- Loyalty applications

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CIFRASOFT'S AUTOMATIC CONTENT RECOGNITION FOR MOBILE DEVICES

PATENTED AUDIO SIGNATURE GENERATION AND MATCHING TECHNOLOGY

STANDALONE SOLUTION WHICH IS EASY TO INTEGRATE INTO ANY MOBILE APPLICATION

AUDIO CONTENT RECOGNITION WITHOUT SERVER INFRASTRUCTURE (HIGHLY SCALABLE SOLUTION)

GENERAL INFORMATION

■ **Cifrasoft SecondScreen SDK allows developers to quickly build applications that recognize audio-visual content in real-time.**

■ **Our Framework Application can be used to build simple SecondScreen and companion apps without native coding**

■ **The entire content is in HTML/CSS/JavaScript and can be re-used in Android and iOS applications**

■ **For custom projects, we offer Software Development Kit for Android and iOS platforms**

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TECHNICAL DETAILS

- Robust performance
- Fast recognition time (3-5 sec)
- Very compact audio signatures
- Up to 10 hours of audio signatures on mobile device

- API documentation
- Source code of demo applications
- Mobile device SDKs for iOS and Android
- Other platforms available upon request

- Acquisition and tracking mode for extra robust performance in acoustic noise
- Signature database can be updated via server back-end

FRAMEWORK APPLICATION

Framework Application provides a way to build simple SecondScreen apps without native coding

Use several available templates for "Quotes", "Polls" and "Trivia" or add your own unique content and interactivity using standard web-technologies (HTML/CSS/JS)

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MORE SOLUTIONS FOR SECONDSCREEN AND INTERACTIVE APPLICATIONS

- **SoundCode: Robust acoustic watermarking**
- **Allows embedding imperceptible watermarks into audio or video content**
- **Get more information at:**
  www.cifrasoft.com/secondscreen

- *Server-based audio-signature ACR solution*
- **Allows identification of pre-recorded audio content using interaction with servers**

- *Server-based real-time ACR audio-signature solution*
- **Allows second screen application to recognize live TV broadcast**

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DEMO APPLICATIONS

Install our full-featured demo applications from Apple AppStore (iPad), or GooglePlay, and see it in action!

■ "Cifrasoft SecondScreen" on AppStore and GooglePlay

Available on the App Store

GET IT ON Google play

■ Sync with demo movie on YouTube:

Tears of Steel - Blender Foundation's short Open Movie
http://www.youtube.com/watch?v=R6MlUcmOul8

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