



Context  
Meaning  
Understanding

## Omnifluent® Media

Omnifluent Media is AppTek's suite of media-focused speech technology products that enables live and off-line closed captioning, audio alignment, subtitling, language identification, broadcast media monitoring and video archival search. This automated solution is cost-efficient and provides customers with a speech recognition framework that can be integrated with machine translation products for multilingual media solutions in a single integrated platform. This scalable environment can process broadcast media, video programming, webcasts, social media, telephone conversations and other forms of multimedia content.

The platform can produce automated transcriptions for closed captioning, integrated translation capability for subtitling, and rich metadata development for media production, monitoring, archival search and analytics.

By automating the labor-intensive task of closed captioning and subtitling, media companies can reach, engage and monetize new audiences without the significant cost or effort of manual transcription or translation. Through our automated rich metadata development, media companies can quickly and efficiently improve search indexing, analytics, and search engine optimization strategies.

Omnifluent products are available through software as a service (SaaS), local installation, and subscription delivery models.

omnifluent™

**AppTek**  
Technology to Bridge the Language Gap



### Automatic Speech Recognition Language Capability

- Arabic
- Brazilian Portuguese
- Chinese
- English
- European Portuguese
- Farsi/Persian
- French
- German
- Pashto
- Spanish
- Urdu

### Machine Translation Language Capability

- Arabic
- Arabic (Egyptian)
- Arabic (Iraqi)
- Arabic (Levantine)
- Chinese (Simplified)
- Chinese (Traditional)
- Dutch
- Farsi/Persian
- French (Canadian)
- French (Continental)
- German
- Indonesian
- Italian
- Japanese
- Korean
- Pashto
- Polish
- Portuguese
- Russian
- Spanish
- Tagalog
- Turkish
- Urdu

### Omnifluent® Media Capabilities

Omnifluent Media equips users with a configurable speech recognition solution that reduces the time and cost for multimedia transcription, closed captioning and subtitling when compared to manual processing.

**Closed Captioning (Live):** A breakthrough in live captioning, AppTek's fully automated Omnifluent Live Closed Captioning Appliance is a piece of hardware installed with Omnifluent Media software that delivers same-language captions for live content with accuracy and speed that match or eclipse those produced by a human at a fraction of the cost.

**Closed Captioning (Offline):** Fully automated, same-language captions for offline content in 11 languages in near real-time. The software automatically synchronizes captions to the original source audio and outputs multiple caption file formats (.cap, .pac, .scc, .stl, and .srt).

**Automated Subtitling:** Omnifluent Media provides original transcriptions that can be automatically translated by integrating machine translation to create aligned subtitles, giving companies the ability to reach new audiences.

**Language Identification:** The Language Identification solution can be integrated into multi-language broadcast operations centers to verify the language of audio and text/subtitle content at ingest or play-out.

**Audio Alignment:** Segment broadcast quality audio at the word level, providing users with valuable time-coding information for transcribed speech that allows existing transcripts to be synchronized with the source audio making audio text fully searchable.

**Video Archival Search:** Broadcasters can make their video archives searchable by applying Omnifluent Media to their content and automatically generating transcripts searchable at the phrase or word level. Powered by language and acoustic specific models, Omnifluent Media can be tailored to a client's unique audio setting for optimal performance and is available for broadcast quality audio in 11 languages and multiple accents of English.

**Media Monitoring and Analysis:** Omnifluent Media provides a high-end speech recognition and information retrieval platform for simultaneous monitoring of multilingual domestic and international channels, and automates the real-time generation of transcriptions and translations, indexing live news feeds and multimedia archives.

### Benefits

**Maximize multimedia asset value** – publish assets in multiple languages, enabling maximum discovery of content across search and social sites.

**Faster time to market** – maintain accuracy and consistency across all content channels through automatic transcription and translation.

**Cost savings** – automate expensive, time-consuming manual tasks including processing, analysis and tagging of multimedia assets, hastening the exposure of more content.

**Enterprise-wide business intelligence extraction** – extract emerging concepts and issues of business importance from untapped digital assets.

**Faster return on investment** – leverage one single platform with less upfront work across multiple enterprise applications.

**Improved search engine optimization** – Omnifluent Media helps organizations generate and display natural language content for search engine indexing and optimization.

### For More Information

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