

OptimTalk Voice Browser or its parts can be integrated with and embedded into third-party products. A comprehensive set of application interfaces is available for this purpose, ranging from low-level C++ APIs to high-level application protocols.

OptimTalk Voice Browser Main Parts

- ❖ **OptimTalk VoiceXML Interpreter** serves for building advanced IVR and other speech enabled applications featuring automatic speech recognition (ASR), DTMF (touch tone) control, text-to-speech (TTS) and audio/video recording and playback.
- ❖ **OptimTalk CCXML Interpreter** serves for building flexible telephony call control applications featuring advanced inbound and outbound call control, conferencing and media stream manipulation.
- ❖ **OptimTalk MRCPv2 Client** serves for network based communication with speech recognition and text-to-speech engines residing on specialized speech processing servers.
- ❖ **OptimTalk Media Server** provides various media related services such as audio streaming, bridging and mixing, codec conversion, etc. It also supports the SIP protocol for a seamless integration with VoIP telephony.

Features and Benefits

- ❖ Contains all building blocks for state-of-the-art telephony and speech-enabled products. Integrators can skip the costly and labor intensive step of building these blocks on their own. Instead, they can fully concentrate on their main business to make it unique and competitive.
- ❖ Based on a highly modular open architecture OptimTalk Voice Browser consists of several tens of independent components communicating through well defined interfaces. Virtually every component can be customized, or replaced with a custom implementation to adapt the system to various customer's requirements. OptimTalk Voice Browser can operate in dozens various configurations spanning from large server-based systems through desktop applications to resource-limited embedded systems.
- ❖ Forms a compact and coherent framework that is intelligible and easy to use There are several reusable components available and many common design patterns and uniform coding conventions used throughout the framework
- ❖ Seamless integration with your technologies and applications OptimTalk Voice Browser does not place any limits on the way your existing technologies and applications should be constructed and should operate. It is flexible enough to accommodate to virtually any technology and application.
- ❖ Platform and compiler independent design OptimTalk Voice Browser does not force you to use a particular platform and/or compiler. You can choose the platform that best suits your purpose. Different compilers can be used for building different parts of your system.

