

Speakeasy **SDK**

Quickly & easily voice enable your wireless applications



The addition of the Wavelink Speakeasy SDK (Software Development Kit) to the Wavelink Speakeasy™ voice platform allows Wavelink voice solutions to extend beyond the warehouse to include mobile field sales and services, mobile dispatch and inspection applications. By bringing this technology to enterprise operations around the world, the voice-value proposition already proven in the warehouse extends to effect cross-enterprise bottom line decision making for cost-reductions, new mobile work force deployments, and system and process improvements.

The Speakeasy voice platform removes proprietary technology barriers by offering complete client-resident text-to-speech and speech-to-text engines, and automated voice features that are device, server, application and network independent. Enterprises can add voice capabilities on all their existing applications and existing hardware, avoiding expensive application modification, the replacement, or changing of existing business processes and the associated inherent risks.

Advantages of the Speakeasy SDK

Easily voice-enable mobile device resident applications

The Speakeasy SDK provides a wizards-based tool for adding voice to existing client-side Visual Studio™ applications. Implementation is accomplished in a matter of weeks rather than months.

100% client-side processing

The need to transmit information related to voice processing over the wireless LAN is eliminated dramatically reducing network traffic.

Speaker independent

Many voice solutions rely upon user-specific voice profiles and continual management, Speakeasy utilizes a powerful and proven speech recognition engine eliminating the need for voice profiles.

Protects network bandwidth

Speakeasy eliminates negative impact on network bandwidth with 100% of the voice processing occurring on the mobile device. There is no need to expand the network infrastructure to accommodate the integration into legacy applications.

Internationalization

Speakeasy offers native language support for global deployments and offers support for regional dialects, providing speech-to-text and text-to-speech functionality for a wide variety of languages, even if the mobile device does not support the display of the language.

The power of industry-leading Nuance voice engines

Nuance's robust speech-to-text and text-to-speech engines, provides a feature rich experience with maximum accuracy and ensures seamless transition from spoken prompts to text-to-speech.

Rapid deployment through industry-leading Wavelink Avalanche®

Deployed quickly and easily via Avalanche, Wavelink's industry-leading mobility management solution, administrators can deploy Speakeasy files to every mobile device in the enterprise.

Non-proprietary hardware requirements

Proprietary hardware such as servers, mobile devices, or headsets are not required maximizing the return on investment of existing hardware.

Return on Investment

Low cost of licensing and maintenance, rapid implementation, and lack of need for server-side hardware combine to drive rapid return on investment.

The ability to accept voice in addition to bar code scanning, RFID and keyboard entry expands the flexibility of application design and maximizes workflow productivity.

Hands free operation allows for simultaneous action that increases productivity.

The use of voice helps reduce data entry errors.

Issuing verbal instructions and data input through speech enables the creation of highly intuitive easy-to-use applications that require minimal training.

Voice-driven applications result in increased safety.





An enterprise-wide technology.

With Speakeasy SDK, you can add voice-directed data collection and voice-driven application command and functions quickly and easily to existing mobile applications anywhere across the enterprise.

Tactical

Tactically for mobile workers, Speakeasy SDK delivers higher productivity, accuracy, and safety by voice-enabling data collection and application commands, functions, and navigation. The voice-driven, hands-free, eyes-free advantage takes mobility to the next generation of tactical performance.

Operational

Operationally, Speakeasy SDK improves mobile device efficiency by reducing error rates, improving user accuracy and increasing the speed of using a device application. As increasing operational efficiency, user productivity and accuracy improves your business process, SDK also translates into cost savings for your organization.

Strategically

It can be deployed anywhere in the business process where voice technology will remove business and operational constraints. With Speakeasy SDK, you smooth out, optimize the business process, and increase the potential to create competitive advantage.

Multi-modal input

- Barcode
- Voice
- RFID
- Keyboard
- MSR

Microsoft® technologies support

- .Net framework, Internet Explorer

Add components

- SDK
- Runtime client
- Wavelink Speakeasy SDK voice enables data collection for applications using simple or complex grammar files. Application grammar files are client-integrated.

Voice Studio

The off-line wizard-based grammar development studio quickly, easily, and non-invasively creates the voice grammar files that correspond with your application fields and commands.

Automated Voice Operations

Complete client-side voice orchestration, translation, data collection, command functions, and automated features.

The Industry Leader

Since 1992, Wavelink has grown to become the largest company of its kind with software running on more than 4,000,000 devices. Wavelink Corporation is the leading provider of mobile device and infrastructure management and mobile applications in the enterprise mobility market. Wavelink's technology solves the unique challenges involved in deploying, managing and controlling mobile devices and other wireless network elements, and facilitates peak performance from wireless technology, applications and end users. Over 8,500 companies in the retail, manufacturing, government and logistics industries rely on Wavelink to accelerate application delivery, reduce device management and support costs, and tighten network security.

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