

RA Ecosystem Partner Solution

Cyberon CSpotter



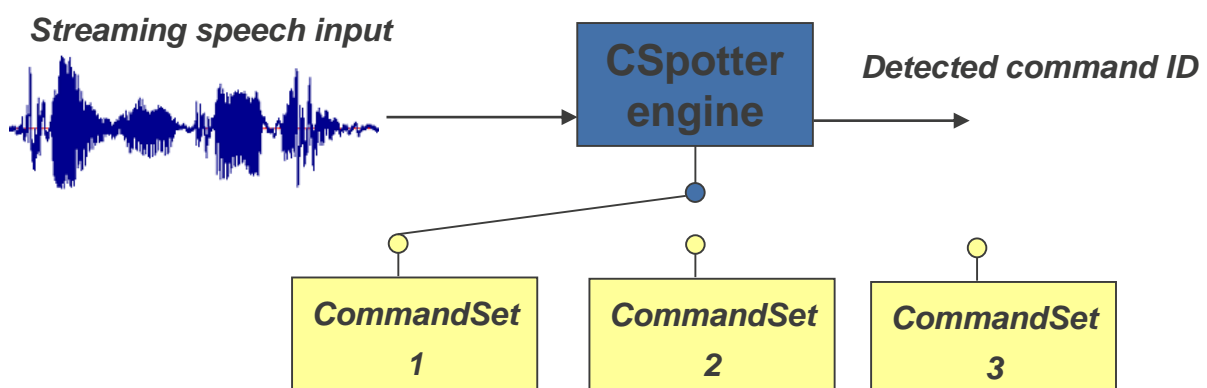
Solution Summary

The Cyberon CSpotter is a local voice trigger and command recognition solution that consumes very low resources and provides high-accuracy. It runs on Renesas RA MCUs with 120Mhz speed and enough memory to support multilanguage commands as well as H/W crypto engine for strong security.

Features/Benefits

- Local voice recognition algorithm, no network connectivity needed
- Phoneme-based modeling
 - Quick command customization: don't have to collect speech data in advance
 - Optimization by model adaptation just with small amount speech data
- Global language support: 30+ languages worldwide
- Low resource requirement: Code: 22~28KB, Data: 22KB+ 4~8KB x # command
- Providing a friendly tool (CSMT) for command customization, performance tuning, and testing
- Separation of recognition engine and command model, switching commands dynamically
- Low power and high efficiency RA MCU with strong security function

Diagrams/Graphics



Target Markets and Applications

- IOT devices
- Home appliances
- Wearable/Hearable devices
- Automotive



About Us

Cyberon Corporation, founded in 2000, with its headquarter in Taipei, Taiwan, is a leading embedded speech solution provider and supported by experts experienced in Speech Recognition and Text-to-Speech technologies for tens of years. Cyberon's speech solution is developed specifically for mobile & portable devices to provide users a convenient, natural and reliable user experience.

We not only commit ourselves to deliver highly reliable products, but ensure partners to acquire professional and real-time support. Developers can integrate our solutions with minimal effort. Furthermore, Cyberon's ability in customization gives our partners more ideas to show differentiation in today's competitive market.

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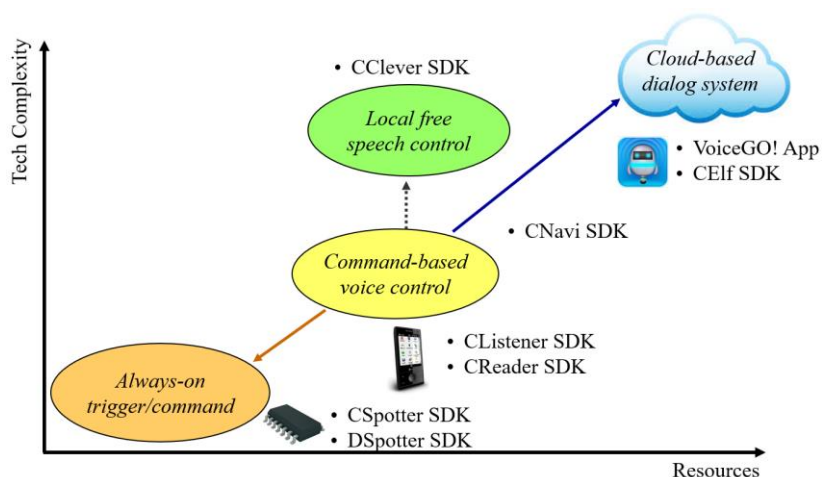
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Full Product Line of Speech Solutions



Rich Applications/Markets

