

Communication Platform Shifting for Voice-Enabled Device

Intellectual Property

Patent Pending

Lead Inventor

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Licensing Contact

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Desired Partnership(s)

Commercial Co-Development

Categorized As

Artificial Intelligence
Communication Routing

Unmet Need

Voice-based electronic devices benefit users by receiving and acting upon human-provided voice input. However, tasks, that require the user to speak uncommon words like surnames, cities, or other words outside of typical voice-recognition capabilities, can cause repetition and/or erroneous capture of information, leading to frustration felt by the user. Users may also be hesitant or refuse to provide sensitive, private, or confidential information to a device via voice input, resulting in a poor user experience and potential loss of a customer.

Solution/Technology

A system that allows a seamless application transition from voice-based technologies to other electronics that receive input other than voice to reduce user frustration and burden, all while reducing the barrier to securely share confidential and/or sensitive data.

Advantages

- Applications are not bound to only vocal data input or output
- Private information sharing is secure
- Seamless transition of technologies facilitates effortless user experience
- System reduces data sharing barriers for less cumbersome user interactions