

Voice and Speech Recognition



hub:raum
tech incubator of T

**CAMPUS
NETWORK 2021
PROGRAM**

Campus Network Program 2021

As part of the Campus Network Program 2021, we as T-Systems - together with Deutsche Telekom's tech incubator hubraum - are looking to find partners with best-in-class solutions that represent the benefits of edge computing and 5G campus networks. A first application phase focusing on "Computer Vision" ended end of March. Now we are interested in solutions contributing especially to the areas "autonomous drones", "voice and speech recognition" or "Edge Computing-based simulations". More information about the program can be found [here](#).

Voice and speech recognition: Our vision

Speech and voice recognition among artificial intelligence are one of the key extension technologies for digital solutions. The use cases for these two technologies are quite manifold. Voice recognition enables the identification and verification of speakers to provide users with needed information or grant them access. Speech recognition allows interaction with systems through applications like voice interfaces or speech-to-text processing. These two technologies provide an effortless, fast and smart way to for example access, search and document information or interact with systems and devices.

When we talk to our customers, we are thinking about e.g.

- Systems for convenient extension of existing systems or applications with speech recognition
- Applications for hands-free information retrieval or text-to-speech
- Speech-to-text applications specialized on industries with unique vocabulary (e.g. Healthcare)
- Systems which can be easily extended by its users through definition of new words or commands
- Providing the right information to each person through identification by voice recognition
- ...

At T-Systems we have developed an edge computing ecosystem that allows us to integrate our own solutions alongside with partner solutions in a very convenient way. These solutions can then be installed at customers premises onto our EdgAir or on edge computing infrastructure from one of our hyperscaler partners like AWS or Microsoft.

We aim to integrate speech and voice recognition solutions with our ecosystem to offer customers voice solutions in combination with the benefits of edge computing. For example, using edge computing data never needs to leave a customer campus since it can be processed onsite. Therefore high-data security is guaranteed which is especially relevant for areas like healthcare. This complements us as T-Systems and Telekom stand for high data security, which our customers highly value.

In addition to providing customers voice solutions using the benefits of edge computing, we aim to be able to provide voice solutions capabilities and advantages to every of our ecosystem solutions. Therefore, customers can interact with every solution of our ecosystem through natural voice interactions.

Which partners are we looking for?

With this program we are inviting every company which believes its solutions fit the benefits of Edge Computing and 5G Campus Networks to get in touch with us. However, we are especially interested to find partners which provide solutions within the area of voice and speech recognition.

The following paragraphs define requirements for potential partners.

What makes a great solution?

- You offer a speech recognition service or complete product suit.
- Your solution has a unique selling proposition in the market.
- Your solution has a proven maturity in terms of detection quality.
- Your solution is General Data Protection Regulation (GDPR) compliant.
- Your solution is deployable on a local edge computing platform and can be run without a internet connection.

What makes a great partner?

- You have a good industrial experience and in-depth understanding of voice solutions.
- You are open to become part of a flexible ecosystem.
- You have an idea of how to make use of the capabilities of edge computing and high-performance network connectivity like 5G or Wifi 6.

Why should you consider a partnership with us?

- You have the chance to integrate your solution within our product portfolio and to benefit from T-Systems and Telekom's sales activities and get to reach out to our business customers.
- You become part of highly flexible ecosystem.
- You get the opportunity to test your solution on T-Systems Edge Computing platform and Telekom's 5G Campus Network infrastructure.
- You get access to experts regarding campus networks as well as edge computing.

If you are interested, just [submit your application](#) until **May 21, 2021!**