

Nuance® Dragon® Medical One *cloud-based, GDPR-compliant speech recognition*

GRUNDIG

Business Systems



Cloud-based speech recognition

Dragon[®] Medical One

With the cloud-based Dragon Medical One speech recognition solution, doctors and medical staff can work more productively - not only on the computer on the ward, but also in the practice, at home or on the move. The solution can be used across multiple locations and gives the entire organisation immediate and comprehensive access to data.

Seamless integration into existing systems

The Dragon Medical One desktop application is compatible with the leading HIS, PVS and ePA systems. It offers secure and accurate medical speech recognition from the cloud on a wide range of Windows[®] devices. Dragon Medical One is suitable for all medical specialities.

High, AI-based detection accuracy

Thanks to state-of-the-art technologies such as deep learning and neural networks, Dragon Medical One offers an initial recognition accuracy of 99%. The first time it is used, it automatically creates a cloud-based profile. Previously manual settings such as accent adjustment or microphone calibration are now automatic with Dragon Medical One, delivering even better recognition accuracy and an optimal user experience right from the start.

Subscription with automatic updates

Favourable subscription-based fees make it easier to get started with this new technology thanks to a low upfront investment. Each user can customise their working environment and access new functions, products and services as soon as they become available.

Individualisation of the profiles

With a single customised voice profile, doctors are ready for action anywhere. Regardless of the device used, they can capture data directly at any time. This seamless, consistent and personalised voice recognition solution enables doctors to work seamlessly between desktops, mobile devices and other applications outside the HIS, PVS or ePA. Personalised vocabularies and templates can be used and shared from a variety of devices.

Easily recognise optimisation potential

Dragon Medical Analytics gives system administrators access to individual and site-wide usage data and trends that can be used to further improve the efficiency, productivity and workflows of clinicians in the hospital. This enables facilities to optimise their investments and make informed decisions.

Secure data encryption and utilisation

Comprehensive security strategies ensure that health data remains confidential and protected in the cloud. Voice data is encrypted. Communication takes place via HTTPS using TLS with an AES 256-bit encryption algorithm. Audio data is never stored locally on the user's device. The recognised text is encrypted and transmitted directly back to the target application for permanent storage. audio and text data is only used to provide the purchased service. It is also used to train and optimise the speech recogniser for individual user profiles and to improve speech recognition accuracy for all users. Dragon Medical One does not require any patient metadata and does not link any specific information to individual patients.

Highest standards of security and availability

Dragon Medical One is hosted in the German data centres (Berlin and Frankfurt am Main) of Microsoft Azure. Both data centres are SOC 1, SOC 2, C5 and GDPR-compliant and certified in accordance with the ISO 27001 standard. The Azure service is highly available 24x7x365 and guarantees an uptime of at least 99.9% so that doctors can access their speech recognition software at any time and document it securely.

Further information on Microsoft Azure can be found on the following page:

<https://azure.microsoft.com/en-gb/explore/trusted-cloud/>