

3M™ M*Modal Fluency Direct: Speech recognition in the right place

The core differentiator of advanced 3M™ M*Modal Fluency Direct is a cloud-hosted user profile shared across applications, workflows and devices. A single, trained speech profile can be used across several 3M solutions and third-party mobile applications, enabling clinicians to use the documentation option (front-end speech recognition, back-end speech recognition with transcription, or mobile speech recognition) that best meets their immediate need. This allows 3M M*Modal to deliver unified speech-driven documentation solutions that break physician workflow silos and provide flexibility, consistency and portability.

A single user, cloud-based voice profile also allows all speech-enabled documentation methods used from multiple locations to contribute to and benefit from each other's success. As one 3M system accesses the cloud, information is pulled, cached locally and continually kept up-to-date to facilitate a more accurate recognition process. As the system is used, user activity is relayed back to the cloud to gain insights, update profiles and improve performance.

Recognition where it is most beneficial

While it makes sense to store and train user profiles in the cloud, it doesn't always make sense to do recognition there. Compared to completely cloud-hosted speech solutions, 3M Fluency Direct can be configured to do recognition in the best "place," though situationally dependent, is typically as close to the physician as possible. 3M Fluency Direct offers flexibility with recognition location options to optimize performance, including:



Local recognition

Whether 3M Fluency Direct is accessing the latest speech profile from the cloud or using a recently cached profile, the system can be configured to do speech processing on local workstation hardware. This approach delivers reliability by leveraging local resources to protect against internet outages.



On-premise, server-based recognition

For virtual environments, the 3M Fluency Direct client can be configured to off-load speech recognition to one or more speech recognition servers located inside an organization's data center. By leveraging on-premise servers to process speech instead of VDI, Citrix® and Remote Desktop Services, the solution is capable of dynamically allocating processing power in a centralized and scalable way. Once a user accesses a local server, information is pulled from the cloud and cached, providing resiliency from internet connectivity issues.



Cloud-based recognition

3M hosts recognition servers for its clients in its own internet accessible, Health Information Portability Accountability Act (HIPAA)-compliant compliant data centers. For greater reliability, 3M also hosts redundant recognition servers.

Call today

For more information on how 3M products and services can assist your organization, contact your 3M sales representative, call us toll-free at **800-367-2447**, or visit us online at **www.3m.com/his**.