Solventum™ Fluency Direct™

- Create time to care with a closed-loop, EHR-integrated clinical documentation system with built-in CAPD functionality
- Combine documentation creation and CDI into one workflow with CAPD
- All-in-one speech and AI-powered solution enables clinicians to conversationally create complete clinical notes directly within EHR templates

The Solventum advantage

Health Information Systems is committed to closing the loop between clinical care and revenue integrity.

Our advanced speech understanding solution is designed to optimise the EHR experience, drive higher quality documentation and enable clinicians to spend more time with their patients.

Leading speech recognition creates time to care

Against the backdrop of an ever-increasing clinician burnout rate, decreasing reimbursement, rising costs and increasing demands on clinicians to provide more complete documentation, the pressure to deliver on the promised value of electronic health records (EHRs) is mounting.

EHRs sometimes struggle to capture the complexity and uniqueness of a patient encounter and represent a significant change in a clinician's natural workflow. While clinician want to save time and administrators want to save money, both are committed to improving patient care.

Front-end speech recognition with computer-assisted physician documentation (CAPD) technology can:

- Improve the usability and efficiency of the EHR through automation
- Enable higher quality clinical documentation by assuring completeness
- Create time to care by driving clinician satisfaction up and documentation time down
- Eliminate the cost and delay of transcription
- Help health care organisations realise the full benefit of its EHR investment

EHR-integrated, speech driven, closed loop system

Solventum™ Fluency Direct™ is an all-in-one speech and artificial intelligence (AI)-powered solution that enables clinicians of any medical specialty to conversationally create, review, edit and sign clinical notes directly in their EHR. This solution leverages natural language understanding (NLU) technology for contextual understanding of the patient's narrative and helps to improve documentation accuracy from the first word.

By capturing spoken dictation and turning it into both structured and unstructured data, Fluency Direct offers clinicians an accurate, reliable, portable and secure speech solution that simultaneously captures complete patient information in documentation and is interoperable with many systems. This speech recognition helps health care organisations and clinicians to meet their goals of improved efficiency, EHR adoption and higher quality clinical documentation. The more clinicians use Fluency Direct, the more the technology learns, ultimately improving the accuracy and user experience.

Widely adopted CAPD

Fluency Direct provides the platform to also deliver proactive, clinically-driven feedback at the time of report creation with its built-in CAPD functionality. This technology continuously analyses and monitors the clinical narrative in real time to identify and address incomplete and/or unspecified documentation to close gaps in patient care, drive clinical documentation improvement (CDI), best practices and more.

Context specific and in-workflow feedback is delivered to clinicians, nudging them for additional information or clarification and suggesting specific actions to improve the quality of patient care and clinical documentation.

Smarter and unified workflows

Clinicians can use conversational speech to automate functions, including:

- Dictation of free-form clinical narrative, which is automatically converted to text and inserted into the relevant/selected parts of the EHR's documentation and database structure
- Hands-free control and navigation within the EHR with intuitive commands, e.g., "show my patient chart"
- Insertion of predefined macros, commands and/or templates with subsequent speech-driven form filling, resulting in time saved
- Editing of documentation through voice commands followed by finalisation and electronic signature

Single speech profile across multiple devices and workflows

Solventum's single, enterprise speech platform enables users to utilise different speech options, all with the same cloud-hosted user profile which is shared across applications, workflows and devices. This means that a single, trained speech profile can be leveraged by several Solventum solutions and third-party mobile applications. No additional training is required from clinicians and they benefit from a consistent experience when switching back and forth between devices and workflows.

Scalable, easy to install, maintain and use

Fluency Direct runs on existing clinical workstations by connecting securely to cloud-based resources. A unique architecture allows the system to scale in virtualised environments. Speech can be processed in the cloud, with on-premise servers or on the workstation – whichever is most efficient, effective and reliable for an organisation.

Automated updates eliminate the timeconsuming task of upgrading many individual workstations. Whether launched as part of your single-sign-on solution or initiated via a single click on the desktop, Fluency Direct is available and ready to use in seconds.

Solventum enables better, smarter, safer healthcare to improve lives.

Call today

For more information on how Solventum solutions can assist your organisation, call **0800 626578**, email **sales.his.uk@solventum.com** or visit online: **www.solventum.com**