

PRODUCTS
FOR:

- Real-Time Speech Recognition
- Digital Dictation
- Speech Enabling Your Applications
- Workflow and Document Management
- HL7 Integration
- Web Viewer for legacy RIS

INSIDE
THIS ISSUE:

Welcome	1
Successful Year	1
NHS Grampian	2
Speech Console	3
Product Update	3
Did you know?	3
Contacts	4

Newsletter

NEWSLETTER



SUMMER 2006

Welcome to Soliton IT

Welcome to Soliton IT and the Summer edition of our newsletter.

For those of you who don't know the Company, Soliton IT is a Software Company specialising in Real-Time Speech Recognition, Digital Dictation, workflow, and integration solutions for healthcare.

The Directors have enjoyed a professional relationship with Philips Speech Recognition Systems since 1994 and are proud to continue that relationship - Soliton IT is an official **Philips Technology Partner**. This privilege gives us special access to the Philips development team in Vienna, Austria and enables us to develop, integrate and deploy systems which use the very

latest Real-Time speech processing software.

Real-Time speech recognition is a must nowadays for most healthcare departments. By adopting it, the true benefits and associated



Directors, **Bob Watson** (left) and **Ed Wright**.

cost savings of very short report turnaround times can be realised.

Soliton IT provide Real-time speech solutions for Radiology, Cardiology, Pathology, Endocrinology, Breast Clinic,

Rehab and most other clinical departments which produce reports, letters and discharge summaries.

In any busy clinical department it is essential that Real-Time speech processing is fully integrated with the departmental or hospital-wide management system, so that an efficient and user friendly solution is provided. It is for this reason that Soliton IT has developed and deployed Real-Time Speech integration with systems from Agfa, iSoft, Misys, Merge/eFilm, Siemens and others.

"Real-Time Speech Recognition for Radiology/ Cardiology, General Medicine, General Correspondence and Pathology"

Successful Year

The Company had a successful year with significant new business across the UK.

Director Bob Watson said:

'I am delighted with our early successes. We have won significant new contracts at NHS Trusts in London, N.E England and Scotland'.

'Our products speak for themselves - our systems have been live in England and Scotland for almost a year and without exception they are demonstrating robustness, resilience and extremely high availability times. This supports our design philosophy and establishes the Company as a supplier of quality soft-

ware'.

'The demand for Speech Processing systems is growing. Our existing contracts, together with a healthy new business forecast place the Company in a strong position for the coming year'.



Real-Time Speech Recognition for Radiology at Aberdeen University Hospitals

“After just one day, the Soliton System is already better than our old system”

Seamless integration with Misys RIS via Soliton IT’s HL7 Interface

Real-Time Speech for Aberdeen

NHS Grampian have chosen Soliton IT as their supplier for Real-Time speech recognition in the Radiology departments at Aberdeen University Hospitals.

The Soliton IT reporting system has an HL7 interface with the Misys RIS and replaces a Dragon ‘Talk’ system.

The System went live at the beginning of May 2006 with sixty five Radiologist Authors, comprising a mixture of Consultants and Registrars. Report

throughput volume using Real-Time speech recognition is about 5,000 reports per week.

Lead Radiologist Dr Robb said:

“After just one day, the Soliton system is already better than our old system”.

All reports are generated using Real-Time Speech Recognition which enables same day report turnaround times to be achieved.

The System is implemented throughout the University Hospital.



The main sites are; The Aberdeen Royal Infirmary (above), The Royal Aberdeen Children’s Hospital and Woodend Hospital. Reports are also generated from the highlands and islands.

Largest System in UK



The Radiology departments at Aberdeen had been using a Dragon system, but decided to procure a new modern system which could integrate with their Misys RIS and provide Real-Time Speech Recognition with workflow management.

Command Control functionality was also required, in order that corrections could easily be made using

voice commands.

Soliton IT’s integrated



reporting system was chosen by the Grampian procurement team after looking at several different systems during the lengthy

OJEC procurement process.

The Aberdeen System caters for sixty five Authors across the University Hospital sites which makes it the largest Real-Time Speech Recognition System in the UK using Philips Speech Magic with a Radiology context.

HL7 interface with RIS

A key feature of the system at Aberdeen is seamless integration with the RIS.

Orders are sent electronically to the system via the HL7 interface. These are processed in the background and added to the Soliton database.

A single screen within the

Soliton system provides access to previous reports and patient history and a drag and drop facility

The HL7 interface is a Soliton IT Product.

makes it easy to attach a single report to multiple procedures.

Reports are dictated using Real-Time Speech Recognition and can be edited (if necessary) using voice commands.

Authorised reports are automatically dispatched from the Soliton IT system to the Misys RIS via the HL7 interface and are immediately available for viewing and distribution.

Speech enable YOUR applications

Speech Console from Soliton IT Limited is an exciting **NEW PRODUCT**.

Our advanced user interface and management software together with Speech Magic from Philips make it possible for us to speech enable your existing Windows Applications.

directly into your application at the cursor position. It really is



and individual Hospitals wishing to Speech enable legacy applications.

Speech Console can be deployed within individual departments or on a Hospital-wide basis, such as for EPR and other applications which do not have Real-time speech processing already built-in.

“You can even write your emails with speech instead of typing”

With Speech Console you can dictate directly into your system rather than use the keyboard. Just press the mike record button and away you go. Press it again and your dictation transcript is placed

that simple! You can even write your emails using Real-Time speech instead of typing!

Speech Console is compatible with most Applications which run under windows. It can be a great benefit to NHS Trusts



“Speech Enable your existing Windows applications with Speech Console.”

Product Update

Real Time Reporting

- Provides Real-Time Speech Recognition and workflow management for rapid report turnaround
- Fast efficient and easy to use
- Integrates with RIS , PACS and other hospital systems

Digital Dictation

- Provides Digital Dictation, workflow and document management
- Comprehensive transcription functionality for typists
- Can integrate with legacy systems.

Speech Console

- Speech Enables existing Windows Applications (EPR, email. legacy systems etc.)
- Does NOT require any special interfaces.
- Easy to use and easy to deploy.

powered by **SpeechMagic™**

Did You Know?

- Contexts (dictionaries) are available for Radiology/Cardiology, General Medicine, General Correspondence and Pathology (beta).
- Soliton IT have over 120 Real-Time Speech Recognition Authors using live Soliton IT systems.
- Our Real-Time Reporting system can integrate with Agfa, eFilm, iSoft, Merge, Misys, Philips, Sectra, Siemens, Hospital Engineering and many other systems.
- Training the system to recognize your voice takes just two Minutes
- Authors can be removed and added without having to purchase extra licenses.
- We can speech enable most Windows Applications.
- Soliton IT are listed on NHS (PASA) web site
- Soliton IT have offices in Australia and the UK
- Citrix versions available

“Real Time Speech Processing can save you time and money”



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Soliton IT is an established software company. We provide Speech Processing and integration software to healthcare organisations.

Soliton IT is a Philips Technology Partner. We specialise in Real Time Speech Recognition Systems.

Our systems use Microsoft .Net . They are proven in the marketplace and are robust, reliable and scaleable.

We can supply fully integrated Speech Enabled Workflow Management Systems and we can Speech Enable your existing applications.

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Support

Support and help desk is available 24/7 (subject to contract).

Please contact us using the help desk number provided in your contract.

Sales Enquiries

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Come and see us at -

**HIC2006 Sydney, 20-22 August,
RANZCR 57th Annual Scientific
Meeting, Christchurch,
26-29 October, 2006 and
HC2007 Harrogate, UK**