Microsoft + 🚬 NUANCE

PowerScribe Advanced Data Integration

Automate data transfer. Reduce reporting errors.

Like other businesses, radiology practices must enhance the customer experience, improve quality, and reduce costs to remain profitable. Key strategies include eliminating redundant workflows and employing processes and tools to improve report accuracy, completeness, compliance, and timeliness.

Many radiology procedures (particularly ultrasounds) require entry of specific data directly into the imaging device at the time of the study. In some cases, values may not be consistent with reporting standards and must be normalized, for example, centimeters vs. millimeters or date/time formats.

In other scenarios, technologists record information on paper forms that are then provided to the radiologist for incorporation into the report, which can be time-consuming and error-prone.

Manual processes to mitigate and address these workflow challenges can delay report turnaround time and pose risks for reporting errors that can compromise patient care. The right technology can help.

ModLink for PowerScribe®

Nuance has partnered with Hyland Healthcare to provide an easily implemented software solution to transfer structured report measurements from any capable device or modality directly into PowerScribe 360 Reporting or PowerScribe One.

Hyland's PACSgear ModLink is a vendor-neutral, structured report (SR) system that accepts DICOM SRs and HL7 messages, translates and normalizes values per department specifications, and forwards the translated values to a voice recognition system via an API message.

The normalized data seamlessly flows into appropriate fields in the final report, automatically conforming to site-specified standards for size and weight measurements, dates, decimal places, etc., along with alerts for out-of-range values.

KEY BENEFITS

- Reduces documentation errors by transmitting data from imaging devices directly into the PowerScribe report template.
- Improves report completion time by as much as 20%.
- Generates accurate, data-rich reports without the need for radiologists or technologists to retype or speak at time of interpretation.
- Enables radiologists to focus on the clinical narrative, convey depth of expertise, and maintain required level of productivity while optimizing data accuracy.
- Achieves time-savings with auto-import of measurement, dose, and other relevant data.

ModLink Web Forms

Additional benefits can be realized by replacing technologists' paper worksheets with web-based electronic forms. Adding ModLink Web Forms can streamline a technologist's initial data entry process, eliminating the need for radiologist data entry at the time of interpretation.

Data that is entered into the electronic form at the time of the study is automatically normalized and mapped to the dictation system and incorporated into custom fields in the final report. This not only saves time and eliminates redundancy, but also can significantly reduce errors that occur when data is manually transferred from paper worksheets to a final report.

Streamlined workflow

ModLink Web Forms has the capacity to launch from the outside (PACS) system while passing patient context and study information, eliminating the need for patient lookup.

Forms are customizable and can be designed to exactly mimic the paper version, promoting ease of integration into existing workflows.

ModLink data integration allows us to capture the data right from the modality, so the radiologist doesn't have to dictate or manually enter the information. This dramatically increases report accuracy and improves turnaround time."

 Ann Minton, PACS Administrator, HIS Analyst, Good Shepherd Health Care System (OR)

About Hyland Healthcare

Hyland uniquely delivers a complete patient record within the core EHR applications you use today. Hyland OnBase Content Management combines industry-leading technology, including vendor neutral archiving, enterprise content management, enterprise viewing and PACSgear connectivity. With Hyland technology, you can make more informed decisions, future-proof your business and maximize your technology investments.

LEARN MORE

Visit nuance.com/healthcare.



KEY FEATURES

- Seamless integration with PowerScribe 360 Reporting and PowerScribe One.
- Customizable field mapping, data conversion, and translation algorithms.
- Adaptable to most vendors/ modalities
- DICOM SR/HL7/XML compatibility.
- Easy-to-use tools for custom web form creation.
- Enhanced tools for managing job queue.

County Hospital			DEPARTEMENT OF RADIOLOGY			
· · · · · · · · · · · · · · · · · · ·	-			Pelvic Ultr	asound W	orksheet
iame:		Date:		PACK54		
hysician		DOB:	AGE:	PACS IDV		
eason for US:						
nor US:						
	G P	A	Menopausat		x Allergy?	
ormone Replacement Th		sirth Control:	Type:	Gest Age by LM		D
regnancy Test:	Type:		HCG Level:	+BRCA Gen	e:	
am or Pers Hist of Brst/O			hich family member3			
ther Surg:		Other Surg:		Other Surg:		
				tive persanal or family hist polered (pulsed wave and		
Sonogra	pher's Comments	Only-Radiolo	egist Report Will Fol	low—Image in the fol	owing order	
Iterus: L W	н					
ndometrium:						
Comments:						
Cervix:						
Nabothian Cests?						
Comments:						
	TechTS	ween	III.Con	and Reconstruction		
	Try UT \$	weep		anal Reconstruction		
	Try UT \$	weep		anal Reconstruction (pathology suspected)		
ong UT Sweep		weep	jonly do	f pathology suspected)		
ong UT Sweep	Trv UTS	weep		f pathology suspected)	н	
ong UT Sweep		weep	jonly do	f pathology suspected)	н	
ong UT Sweep		weep	jonly do	f pathology suspected)	н	
ong UT Sweep		weep	jonly do	f pathology suspected)	н	
RTOvary: L N	W Н		In the subscription	E pathology suspected)		s mass, do FW
RT Overy: L N	W H		ority do	f pathology suspected) L W amage seen and/or pirmeet		s mato, do FW
ET Overy: L A	W H		LT Overy:	t pothology suspected) L W simple som and/or p1most singer preformed:		s masa, do PW
RT Overy: L N	W H		offw di	E under gesteretet		armato, do PW
ET Overy: L A	W H		LT Overy:	E under gesteretet		s mass, do FW
ETOVATY: L N ST supjectua mass sem and/ 3. of Depoler. Transvers sweep preform Transvers sweep preform	W H		offw di	L W smass som and/or pirmett uneep preformed: rail Vessels: tch:		s mass, do FW
ET Overy: L N "Y napidourmensem and; 3. O'Depier. Transvers saverp prefor Intra-tumoral Vessels: Datable: Nochr	W H		brille de la constantia	L W smass seen and/or pirment smass seen and/or pirment succep preformed: rail Vessels: toth: arity:		ernaza, do PVV
ET Overy: L N ST pagidournessee and A CD paper. Transvers sweep prefor Intra-tumoral Vessels: Diatolic Notch: Intra Vascularity:	W H		offw 11 surpidou 6 PW 14 surpidou 8 CF Decele Transvets : Infra-ture Diatolic No Incr Vascul	t pathology suspected) L W unseas seen and/or pirroett useep preformed: rail Vessels: tol: arity: ai (0,4):		a maza, do PW
NT Sweep T Deary: 1 Transister and A Classific and a set of the	W H		iofiviti III Ovary: III Ovar	t pathology suspected) L W unseas seen and/or pirroett useep preformed: rail Vessels: tol: arity: ai (0,4):		s masa, do FW
NT Sweep T Deary: 1 Transister and A Classific and a set of the	W H	and has a mate, d	iofiviti III Ovary: III Ovar	t pathology suspected) L W unseas seen and/or pirroett useep preformed: rail Vessels: tol: arity: ai (0,4):		a mate, do FW
eng UT Sweep RT.Oxeny: L **f napoloameasen and **f napoloameasen and **G tapole **T transvers savere partoin trict a tunoral Vessels: Datalet: Model: trict viscularity: RE(abaromal 64): PE(abaromal 64): CDS #taid:	W H	and has a mate, d	iofiviti III Ovary: III Ovar	t perfoksy size-steel L W innes seen and/or pitmest innes performed: rat Vessels: tol: rat/size al 40,4]; al <1];		smaa, de FW
nng UT Sweep Transverse Strongelses Transverse sweet perform Trans	W H	and has a mate, d	iofiviti III Ovary: III Ovar	t perfoksy size-steel L W innes seen and/or pitmest innes performed: rat Vessels: tol: rat/size al 40,4]; al <1];		a mate, do PW
eng UT Sweep RT.Oxeny: L **f napoloameasen and **f napoloameasen and **G tapole **T transvers savere partoin trict a tunoral Vessels: Datalet: Model: trict viscularity: RE(abaromal 64): PE(abaromal 64): CDS #taid:	W H	and has a mate, d	iofiviti III Ovary: III Ovar	t perfoksy size-steel t. W immas seen and/or pitmest, immers performed; rait Vessels; tol: airky; al <0,4]; al <1];		arman, do FW
eng UT Sweep ET Overy: L V 9 eusplose measure and & O Depin Trainvers sweep prefor Intia Funcal Vessele: Datalek Kockt Relation of Al: Pl(abnormal <3): CPS field: Comments:	W H for pt montable criteria med: If Yes, Approx	and has a mate, d	iofiviti III Ovary: III Ovar	t perfoksy size-steel t. W immas seen and/or pitmest, immers performed; rait Vessels; tol: airky; al <0,4]; al <1];		armes, do FW
M napidoarmansen ind A d hapidoarmansen ind A d hapido Intra-transen seven pardon tritra-transen seven pardon tritra-transen pardon	W H for pt montable criteria med: If Yes, Approx	and has a mate, d	iofiviti III Ovary: III Ovar	t perfoksy size-steel t. W immas seen and/or pitmest, immers performed; rait Vessels; tol: airky; al <0,4]; al <1];		amata, doFV
Er Overs: L V Sf supploarmaster of A Obsele. Tanwers severp prefor tina timool vesele: Dataic: kockt tina Vascularije: R (abnormal <3): P (abnormal <3): CDS Flaid: Comments:	W H for pt montable criteria med: If Yes, Approx	and has a mate, d	iofiviti III Ovary: III Ovar	t perfoksy size-steel t. W immas seen and/or pitmest, immers performed; rait Vessels; tol: airky; al <0,4]; al <1];		s masa, do PW



About Nuance Communications, Inc.

Nuance Communications is a technology pioneer with market leadership in conversational AI and ambient intelligence. A full-service partner trusted by 77 percent of U.S. hospitals and more than 75 percent of the Fortune 100 companies worldwide, Nuance creates intuitive solutions that amplify people's ability to help others. Nuance is a Microsoft company.

@ 2023 Microsoft. All rights reserved. @ 2023 Nuance Communications. All rights reserved. HC_3966 OCT 2023