Challenge
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.

**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.

**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.

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

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.

To learn more about how Nuance Healthcare can help you improve financial performance, raise the quality of care and increase clinician satisfaction, please contact us at 1-877-805-5902 or visit nuance.com/healthcare.

About Nuance Communications, Inc.
Nuance Communications, Inc. is a leading provider of voice and language solutions for businesses and consumers around the world. Its technologies, applications and services make the user experience more compelling by transforming the way people interact with devices and systems. Every day, millions of users and thousands of businesses experience Nuance’s proven applications. For more information, visit www.nuance.com/healthcare or call 1-877-805-5902. Connect with us through the healthcare blog, What’s next, Twitter, LinkedIn and Facebook.