

Powerful data integrations for radiology.

Improves productivity and delivery of quality, accurate reports.

Challenge:

How can radiologists efficiently share data and improve delivery and interpretations of diagnostic imaging exams?

Solution:

PowerScribe® 360 | Reporting is an industry leading reporting and communication solution from Nuance® healthcare. Through its data integration feature, PowerScribe 360 provides you the ability to auto-populate your radiology report with discrete data elements from external data resources. When you utilize this feature you are provided with workflow productivity tools that improve the day-to-day tasks of everyone involved in the interpretation and delivery of diagnostic imaging exams.

Flexible data integrations

PowerScribe 360 | Reporting is a comprehensive radiology reporting solution that supports a robust integration platform which not only allows third-party data aggregators to transfer discrete data such as measurements directly into the PowerScribe 360 database, but also supports direct intake and parsing of DICOM SR documents.

These imported data are then automatically added to radiology report templates, resulting in a time savings for the radiologist and an elimination of data error resulting from manual entry.

Examples of third party vendors and workflows include:

1. Ultrasound:

With PowerScribe 360 | Reporting, after the exam is completed, ultrasound vendors can insert measurement data and other calculated data elements directly into the reporting database. When an ultrasound template is used, these data elements are automatically inserted, improving technologists efficiency by eliminating the need to manually enter the data. This eliminates the potential for errors and reduces dictation time for radiologist and ensures accurate reporting.

2. Radiation dose management:

Similar in concept to the ultrasound use case, once the dose management system receives all the radiation dose data and completes its calculations, it then auto-populates the appropriate dose values directly into the PowerScribe 360 |

Key benefits

Radiologists read more, dictate less

- Auto-populates key data to report
- Eliminates the need to dictate measurements, dose and other data
- Saves time and ensures consistent and accurate information
- Reduces the risk for potential errors
- Decreases report turnaround time for increased study output

Key features

- Administrators can deliver bottom line results
 - Increases study capacity and allow for greater departmental bandwidth
 - Reduces manual documentation for technologists enabling greater patient focus
 - Enables improved operational and clinical departmental performance
 - Drives clinical stakeholder satisfaction
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PowerScribe 360 is a powerful platform that enables third party vendors to integrate data directly into the reporting database.

Reporting database. These values are then inserted into the report as part of the AutoText template.

The Joint Commission standard PC.01.02.15 requires that accredited hospitals, critical access hospitals, and ambulatory care organizations must provide documentation of radiation dose exposure. PowerScribe 360 supports direct auto population of the report with discrete Data elements as it can receive data direct from modalities and from aggregators or third party dose monitoring applications.

3. Mammography reporting systems:

Within PowerScribe 360 | Reporting, the radiologist can capture mammography BI-RADS codes during dictation. The mammography system can then automatically extract these codes from the PowerScribe 360 | Reporting database.

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 800-350-4836 or visit nuance.com/healthcare.

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