Healthcare Tech
OUTLOOK

HEALTHCARE TECHNOLOGY KNOWLEDGE NETWORK

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Top 10 Medical Imaging Solution Providers - 2018

The influence of medical imaging in healthcare is rising at a steady pace. It is revolutionizing the patients' and practitioners' outlook towards health and diseases. Medical imaging helps medical professionals see the interior of living human body without actually having to cut it open. The role played by medical imaging is so significant that without it the detection of many common diseases would not only be slower but oftentimes even be impossible.

The past 50 years have been a period of transformation in medical imaging. Sonography, nuclear medicine technology, and radiography were the diagnostic medical imaging modalities or tools until the use of computer technology became prevalent. With the onset of computer technology, MRI (Magnetic Resonance Imaging) and CT (Computed Tomography) became the most widely used medical imaging technologies. Some of the recent advancements in this field include hybrid imaging technology, imaging systems with lower ionizing radiations, cryogen-free preclinical scanners,

3D printing, computer-aided design, enterprise imaging, and so on.

Also, a number of other technologies such as Picture Archiving and Communications System (PACS) have also been developed to provide support to medical imaging. PACS is a medical imaging management solution that makes it easier to store and access the massive volumes of medical images developed in the radiology department. This has helped physicians get better insights into the patient's recovery and also make changes to the care cycle if necessary.

Considering all these facts, a distinguished selection panel comprising CEOs, CIOs, VCs, and the Healthcare Tech Outlook's editorial board has selected a list of the top medical imaging solution providers. They leverage innovative technologies and strategies to help healthcare providers not only in enhancing their diagnostics capability but also go beyond it to play a proactive role in disease prevention. We present to you Healthcare Tech Outlook's Top 10 Medical Imaging Solution Providers - 2018.

Scriptor Software

recognized by Healthcare Tech magazine as

TOP 10
MEDICAL IMAGING
SOLUTION PROVIDERS - 2018

An annual listing of 10 companies that are at the forefront of providing medical imaging solutions and impacting the industry

Company:
Scriptor Software

Key Person:
John Stewart
CEO

Description:
Generates high-quality and error-corrected reports with their specialized rScriptor software which is compatible with any voice recognition platform

Website:
scriptorsoftware.com

Scriptor Software
Specialized Software for Radiology Report Generation and Analytics

Being in a profession where attention to detail is a necessity, radiologists face a continual struggle between technologies that assist them in their profession versus those that act as a distraction. Although voice recognition systems fit well into the workflow of physicians in other medical specialties, these systems force radiologists to continually divert their attention away from the review of images and onto the voice recognition interface at the time the report is being generated. This introduces inefficiencies in the radiologist's workflow and distractions which can result in reporting errors.

Founded in 2013, Scriptor Software is a radiologist-owned company that has developed a software program to improve radiologists' productivity while reducing distractions during radiology report creation. This software checks reports for errors, verifies billing and coding compliance, validates MIPS compliance and even makes suggestions for the inclusion of follow-up recommendations based upon ACR guidelines. This is done through the use of a radiology knowledge base which is built into the software. John Stewart, the CEO of Scriptor Software says, "Our focus has expanded far beyond simply creating radiology reports to encompass nearly any task a radiologist may find useful."

The team at Scriptor Software wanted to deviate from the common practice of creating a software suite and instead focus on a single application that could perform any number of useful tasks. The result of this effort was rScriptor, a program compatible with any voice recognition or word processing application. Unlike static templates, this software's adaptive report template technology adjusts each template depending upon the patient demographics and dictated text.

Since the establishment of Scriptor Software's solution in the market, it has been gaining much attention due to its ability to generate uniform radiology reports efficiently without compromising report quality. Practices that have delayed implementation of voice recognition technologies for years have used rScriptor as a way to mitigate the decrease in productivity caused by the introduction of these systems into a radiologist's workflow. Others have taken advantage of the wealth of useful data captured by the program and included in the analytics reports generated monthly.

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This software is not one-size-fits-all. The program can be tailored to meet the needs of any practice. Warning messages displayed to the radiologists by the software can be customized to perform nearly any task. For example, a teleradiology practice that uses rScriptor had a client who wanted a detailed description of the trachea in every pediatric chest radiology report. They simply forwarded that request to Scriptor Software and within a day the radiologists were receiving warnings to include the necessary description in their reports. It is this level of concierge reporting that makes a radiology practice stand out amongst its peers. The same practice saw a 93 percent reduction in the need for addenda the month after the software was fully rolled out. "This is the type of change that gets noticed and will be increasingly important as reimbursement transitions from a volume-based system to a quality-based system," adds Stewart.

Used across the U.S. and in 16 countries around the world, rScriptor generates 600,000 reports every month. But this represents only a small percentage of the radiology reports being generated worldwide. The company sees tremendous growth opportunity in the coming years. Scriptor Software also plans to apply its technology to other medical specialties in the near future. With data analytics and artificial intelligence in the picture, Stewart believes that they can improve the care of patients worldwide. **HT**

John Stewart