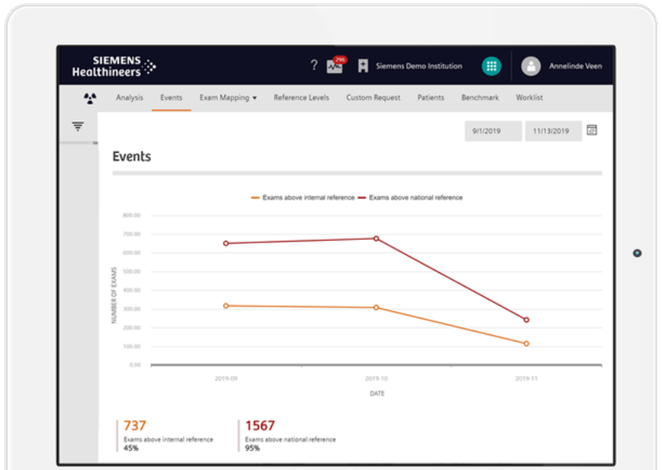
teamplay Dose – Simplify your radiation dose management

Monitor quantities, simplify your reporting, and accelerate your processes



teamplay applications for performance management in radiology help you to make quick and well-informed decisions by offering a clear overview of your performance data. Monitor quantities like imaging throughput, dose levels, utilization of staff, rooms, and your department's resources down to each device and procedure. Simplify your reporting and gain insights into where workflows need adjustments. Link with other teamplay users and their data for comparable benchmarks[1] and an effortless exchange of images and reports.

Healthcare professionals, hospitals, and institutions come together in teamplay's rich cloud-based network. Access both the metrics from your own imaging fleet and from a shared pool of imaging data. As a community, you connect and collaborate in a trusted environment with high data privacy and security standards to improve patient outcomes and quality of care.

[1] Availability of benchmarking option depends on a minimum number of considered subscribers to guarantee customer anonymity and data protection.
[2] The statements by Siemens Healthineers' customers described herein are based on results that were achieved in the customer's unique setting. Since there is no "typical" hospital and many variables exist (e.g. hospital size, case mix, level of IT adoption) there can be no guarantee that other customers will achieve the same results.
[3] teamplay Protocols supports selected Siemens scanners. Please contact your Siemens representative for more details.
[4] The DICOM viewer is not intended for diagnostic display.
[5] Due to regulations data exchange between data center regions is restricted. The products/features/service offerings are not commercially available in all countries. If the services are not marketed in countries due to regulatory or other reasons, the service offering cannot be guaranteed. Please contact your local Siemens organization for further details.

Main challenge

Following nationally defined reference levels for applied radiation is mandatory. How does your radiology department prove its compliance?

As a healthcare professional you are obligated to keep exposure to ionizing radiation as low as is reasonably achievable (ALARA principle). How do you monitor this?

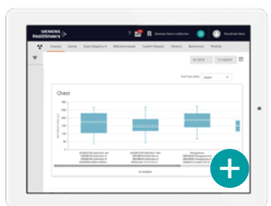
Our solution for dose monitoring

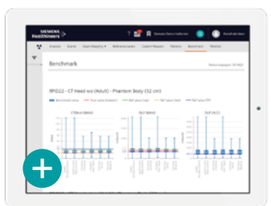
teamplay Dose is an enterprise-wide radiation dose management solution providing you with easy access to dose data, supporting the quality assurance process for monitoring imaging radiation dosage. teamplay Dose displays data for continuous dose performance evaluation, no matter which modality or vendor is used.

Perform efficient dose data analysis and get an overview of the scan protocols used by type and target region. Monitor the applied radiation over time by displaying the accumulated dose for each individual patient. And compare your outcomes among peers using global benchmarking[1] with **teamplay Dose**.

What does teamplay Dose do for you?

- Analysis: Patient-centric dose monitoring, including information from multiple sources, image headers, DICOM Radiation Dose Structured Report (RDSR), and optical character recognition (OCR) on dose report images
- In-depth insights: Size-specific dose estimate (SSDE) and effective dose calculation using smart algorithms
- Comparison: Benchmark against peers and national and institutional reference levels
- Report: Reporting on dose events and storage for future quality assurance





Published by Siemens Healthcare GmbH · ©Siemens Healthcare GmbH, 2019

Customer voice:

"teamplay helped us to reduce the average dose, received by the patients, by about 10–15% over the last three months." [2]
Dr. Nikolaos Papadakis
Medical Physicist, IATROPOLIS Athens, Greece

Our teamplay performance management applications

- **teamplay Usage – Increase your efficiency and optimize your imaging fleet utilization**
  Analyze your imaging fleet utilization and understand how you can increase your productivity.

- **teamplay Protocols – Speed up your protocol management by facilitating remote access**
  Identify best-practice scan protocols for your imaging fleet and optimize your radiology workflow with teamplay Protocols.[3]

- **teamplay Images – Share and discuss images in a secured environment**
  Access and share imaging studies with peers to discuss relevant cases in a secured environment.[4,5]

- **teamplay Insights – Maximize your insights, optimize your value**
  Create interactive data visualization boards to tackle sophisticated challenges in the operations of your radiology department.

> siemens-healthineers.com/teamplay

Siemens Healthineers Headquarters
Siemens Healthcare GmbH
Henkestr. 127
91052 Erlangen, Germany
Phone: +49 9131 84-0
siemens-healthineers.com

siemens-healthineers.com/digitalizing-healthcare