

## With Mobilett Elara Max, Siemens Healthineers boosts patient safety in mobile X-ray imaging

- **Antimicrobial surfaces and the easy-to-clean system design reduce the risk of hospital acquired infections**
- **A comprehensive IT security concept helps to protect sensitive patient data**
- **The smooth maneuverability and flexible positioning facilitate easy access to the patient and increase efficiency**

With the presentation of Mobilett Elara Max, Siemens Healthineers is setting new standards in mobile X-ray imaging. The easy-to-clean system surfaces with an antimicrobial coating reduce the risk of hospital acquired infections. A comprehensive IT security concept protects sensitive patient data and the secure integration of Mobilett Elara Max into the hospital's IT environment provides access to all relevant data at any time. Thanks to the smooth maneuverability and flexible positioning of the X-ray arm, the system facilitates easy access to the patient and optimizes workflows in radiology, thus increasing efficiency. Through its consistently high image quality, it provides diagnostic confidence directly at the patient's bedside.

Mobile X-ray imaging is particularly important for patients who cannot move and go to a radiology department. Thus, the intensive care unit is the main area of application. In addition, there are numerous further use cases, ranging from broken legs to lung diseases, from neonates through to trauma patients. Due to these flexibility benefits, the demand for mobile X-ray systems has been increasing during the past few years.

But mobile X-ray machines, which are used in a variety of rooms in numerous clinical situations, particularly represent an increased risk for the spread of germs. Protecting patients from infections is thus a decisive factor in ensuring high quality health care. One in

ten patients worldwide is affected by hospital acquired infections contracted during a stay in hospital. In the USA, more patients die from hospital germs than from AIDS, car accidents and breast cancer combined. As pathogenic germs may survive on surfaces for weeks and months, the Mobilett Elara Max is equipped with an antimicrobial surface. This significantly reduces the number of microorganisms on the system surface. The cleaning of the new mobile X-ray machine has also been significantly simplified through an innovative device design: Closed surfaces, reduced gap dimensions and fully integrated cables make system cleaning easy. Thus, the Mobilett Elara Max helps minimize the risk of infections.

The numerous locations, where mobile X-ray systems are used, require seamless, but nevertheless secure integration into the hospital's existing IT infrastructure. The Mobilett Elara Max is therefore equipped with a comprehensive cybersecurity package, which helps withstand digital threats. Furthermore, virtual workstation technology enables the user to install additional hospital software on the Mobilett Elara Max, thus obtaining access to all the necessary information directly at the patient's bedside without affecting the safety of the X-ray machine.

"When developing the Mobilett Elara Max, the safety of patients was of primary importance to us – on two levels: The antimicrobial surface of the system and the easy-to-clean design support users in reducing the risk of infections for their patients", states Carsten Bertram, Head of X-Ray Products at Siemens Healthineers. "Protecting patient data is also becoming more and more important. That's why we have equipped the Mobilett Elara Max with state-of-the-art, comprehensive IT security technology."

As part of the Max product family from Siemens Healthineers, Mobilett Elara Max benefits from the advantages provided by a standardized technology platform, ranging from radiography to fluoroscopy through to mobile X-ray imaging. This allows the standardization of workflows across diverse examinations. Through the common use of detectors for different platform systems, you can achieve considerable savings using Max X-ray systems. Identical user interfaces shorten the training period, reduce the number of errors and increase efficiency.

The products/features (here mentioned) are not commercially available in all countries. Due to regulatory reasons their future availability cannot be guaranteed. Further details are available from the local Siemens Healthineers organizations.

This press release and press pictures are available at

[www.healthcare.siemens.com/press-room/press-releases/pr-20181022034shs.html](http://www.healthcare.siemens.com/press-room/press-releases/pr-20181022034shs.html).

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In fiscal 2017, which ended on September 30, 2017, Siemens Healthineers generated revenue of €13.7 billion and adjusted profit of €2.5 billion and has about 48,000 employees worldwide. Further information is available at [www.siemens-healthineers.com](http://www.siemens-healthineers.com).