



Ziehm Quantum™  
Where Superb Imaging  
and Integration Unite



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The **Ziehm Quantum™** - at the forefront of innovative, mobile, surgical C-Arm design. Eliminating the need for a monitor cart in the surgical room, the Ziehm Quantum™ is truly the world's first full featured, self contained mobile surgical C-Arm. Its small foot print and lightweight design coupled with the advanced features of a state of the art 16-bit image system, makes the Ziehm Quantum™ the most compact and versatile mobile C-Arm available today.

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## Ziehm Quantum™ – Integration with Image Guided Surgery (CAS)

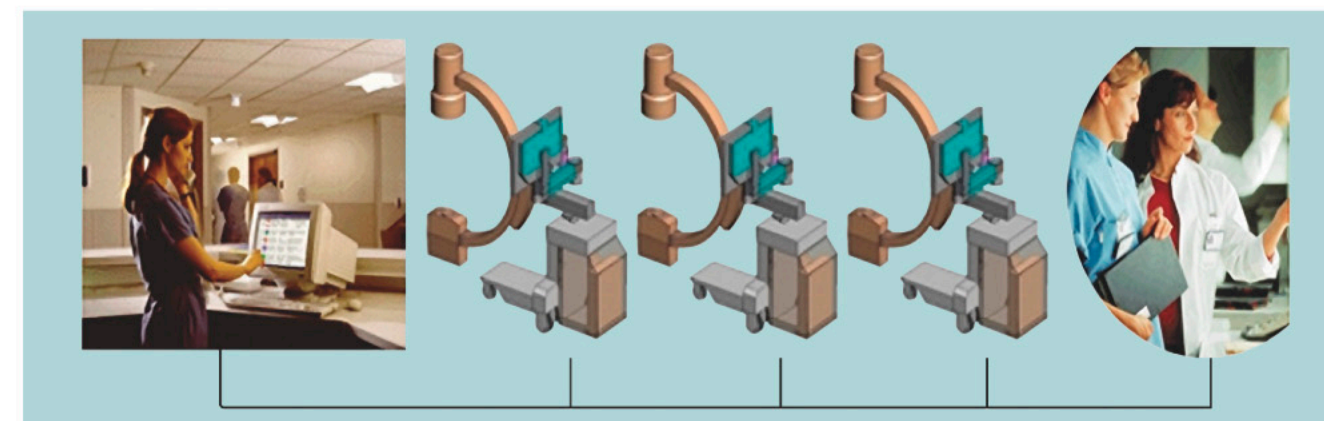
In CAS, the x-ray image becomes a road map of the patient's anatomy that is correlated to the real-time position of the surgical instrument. The surgeon follows the instruments movements without requiring continuous x-ray imaging of the patient. This technology has its biggest impact in brain and spinal surgery as well as orthopedics. Guaranteed connectivity of the C-Arm is important in these fields, as proven compatibility

with various CAS systems is essential for success. In this way, CAS and mobile C-Arm systems can be chosen independently in order to best benefit local requirements.

The Ziehm Quantum has been integrated with all leading fluoroscopic CAS systems, such as: Medtronic, Brainlab and Z-Kat.

## FlexNet Digital Network Integration

The Ziehm Quantum is equipped with full DICOM 3.0 connectivity by providing Work List, Print and Storage Class image send capabilities to your hospital network.



The Ziehm Quantum FlexNet allows easy connection to your PACS/HIS/RIS hospital network infrastructure.

## Image Storage and Hardcopy

Once acquired, images can be stored on different media such as Hard Disk, DVD, and USB memory, providing the medical team with a convenient and portable record of patient data gathered from any imaging procedure.

