



SURGICAL IMAGING

All-Inclusive Professional Filmmaking



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THE ACADEMY OF MOTION PICTURE ARTS AND SCIENCES HAS RECOGNIZED ARRI'S ENGINEERS AND THEIR TECHNICAL CONTRIBUTIONS WITH 18 SCIENTIFIC AND ENGINEERING AWARDS.

Professional filmmaking for medical productions

Rely on the premium image quality and all-inclusive service of one of the world's most successful film companies when it comes to documenting and screening your medical procedures.

ARRI Surgical Imaging allows you to document everything you do – to perfection. This unparalleled service is based on camera technology that has been used by multiple Oscar®-winning movies, as well as on ARRI's passion for visual excellence, born of nearly 100 years' experience in the film industry.

We record every tiny surgical detail in the most professional way possible, and in the highest quality. Events captured in individual or multiple operating rooms can be postproduced into stunning edited films or transmitted live to large screens at conferences, conventions or meetings. You'll be inspired when you see the results.

Filming in the OR



Postproduction



Premium technology





Prof. Dr. med. A. Berghaus (right) with his team

Training and corporate videos

Conference solutions

Cloud service for distribution



All-inclusive film production – from project planning to the finished article

Our team of experienced specialists meets you in the operating room. We take care of the entire technical and organizational setup, from filming on site to postproduction. This service includes not only recording events in the operating room, but also making corporate videos or live-streaming conferences.



Prof. Dr. med. J. Müller

Postproduction – our complete service package for image and sound editing

Your digital images will be edited, re-composed and color-corrected in a manner that perfectly meets your application requirements. You may be present during the entire postproduction process if you so wish, allowing maximum control and transparency. We offer the

full spectrum of digital postproduction, including targeted masking and coloring of specific areas, subtitles and audio comments, audio processing, dubbing with trained speakers and much more – all done promptly and without any hassle.



Color grading



Sound postproduction

Premium technology for outstanding images

At the heart of our work lies ALEXA. This camera system, developed by ARRI, is considered all over the world to be the gold standard in motion picture imaging.

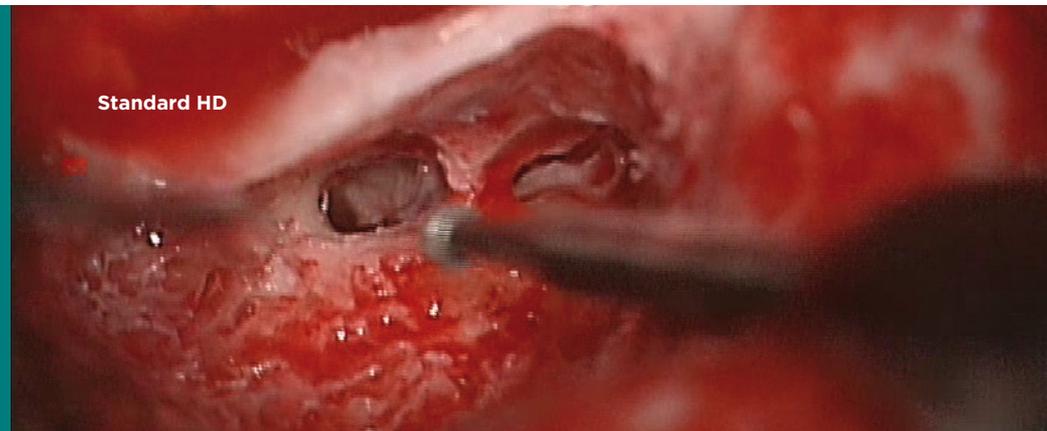
ALEXA is bringing a revolution from the world of movies into the operating room, with a large-format sensor, recording speeds of up to 120 frames per second, exact color fidelity and a huge dynamic range for high contrast images.



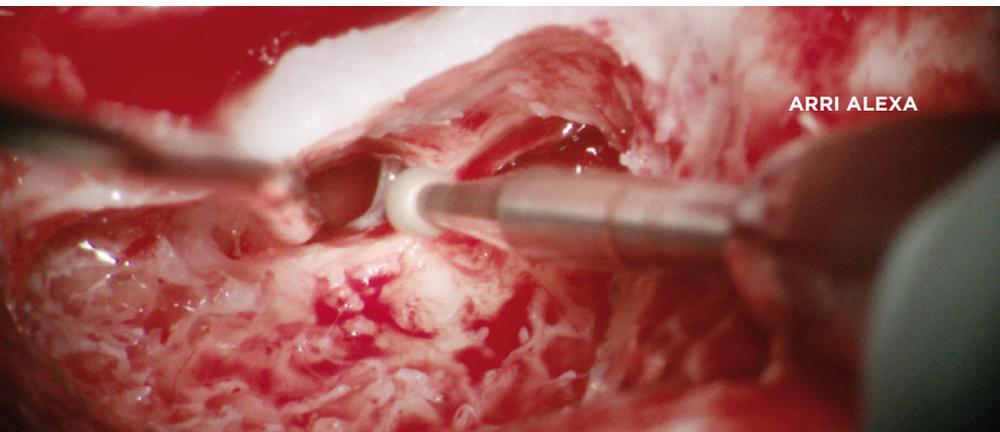
High-tech for premium quality images

The superior image quality of ALEXA is clearly visible when recorded footage is compared directly with standard systems.

Standard HD



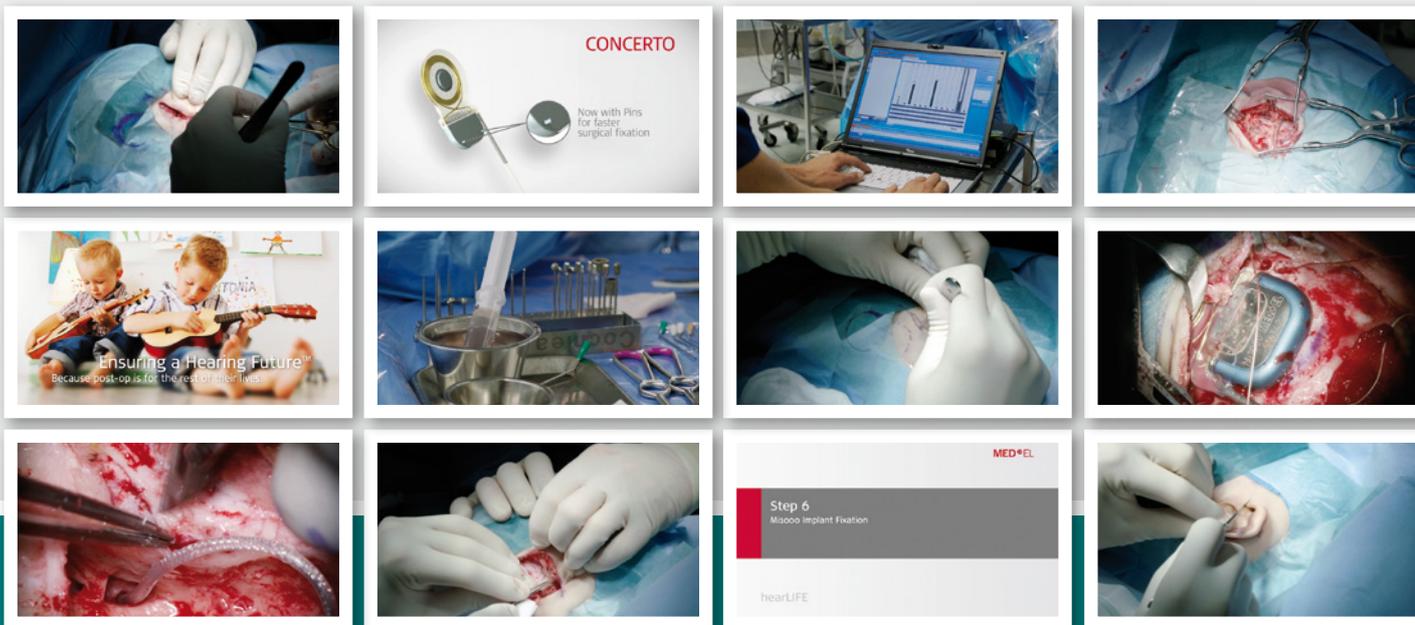
In order to record microscopic images during operations, an ALEXA camera can be mounted to the documentation port of a surgical microscope with the help of a customized adapter. All of this is achieved without disrupting the work of the surgeons, who can concentrate on what they are doing while we provide a complete setup, recording and postproduction service.



Training and corporate videos as multimedia calling-cards

Our discipline, precision and experience allow us to capture your expertise in images with the utmost professionalism. By utilizing high-end technology at the hub of the action, ARRI specialists record every microscopic detail with the same attention they give

to the surroundings. Afterwards, when the film is edited, this full-coverage approach results in dynamic, varied image sequences that will inform, instruct and inspire your audience.



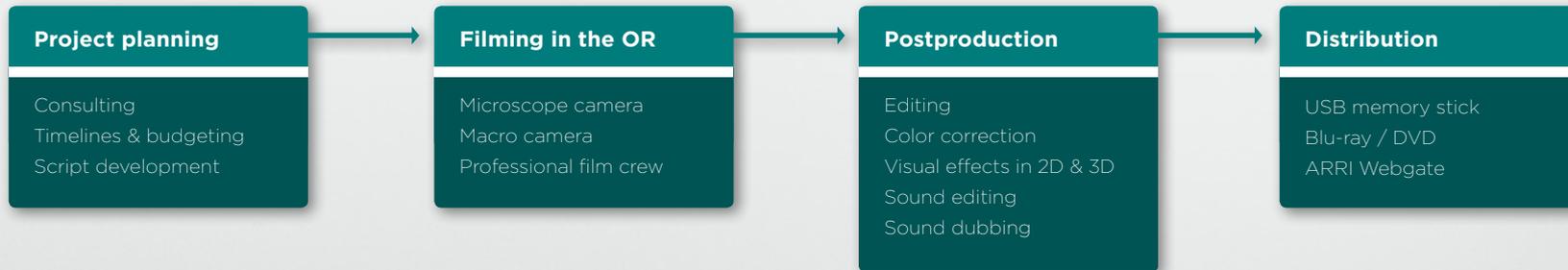
The perfect way to present your product



“With ARRI’s help, we can demonstrate our product’s implantation with an unprecedented level of quality and aesthetics. Thanks to the high accuracy of detail and color fidelity, surgical techniques that help patients achieve better hearing can be shown in the best possible way.”

Dr. Ingeborg Hochmair, founder and CEO, MED-EL

From the initial idea to final deliverables



Live OR and conference solutions

ARRI Surgical Imaging will take care of all visual requirements at conferences, meetings or conventions with image quality that looks extraordinary on even the biggest screen. Our team is responsible for the planning, coordination and technical

realization of your event. We have always believed that technology should be invisible and deliver perfect results – a philosophy that is especially important in the medical sector.

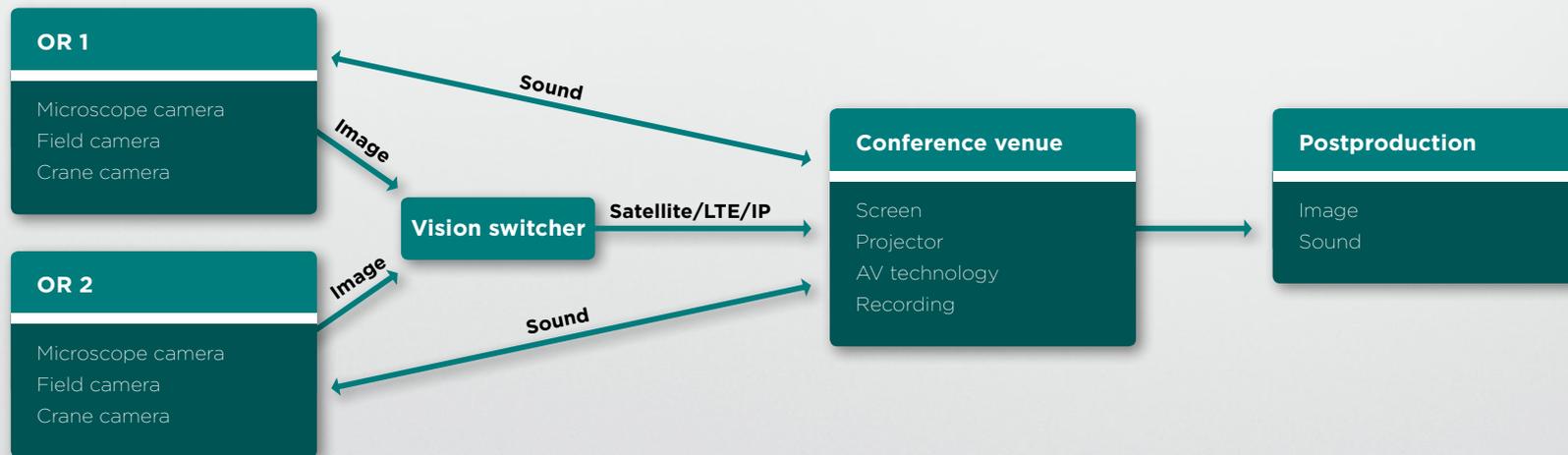




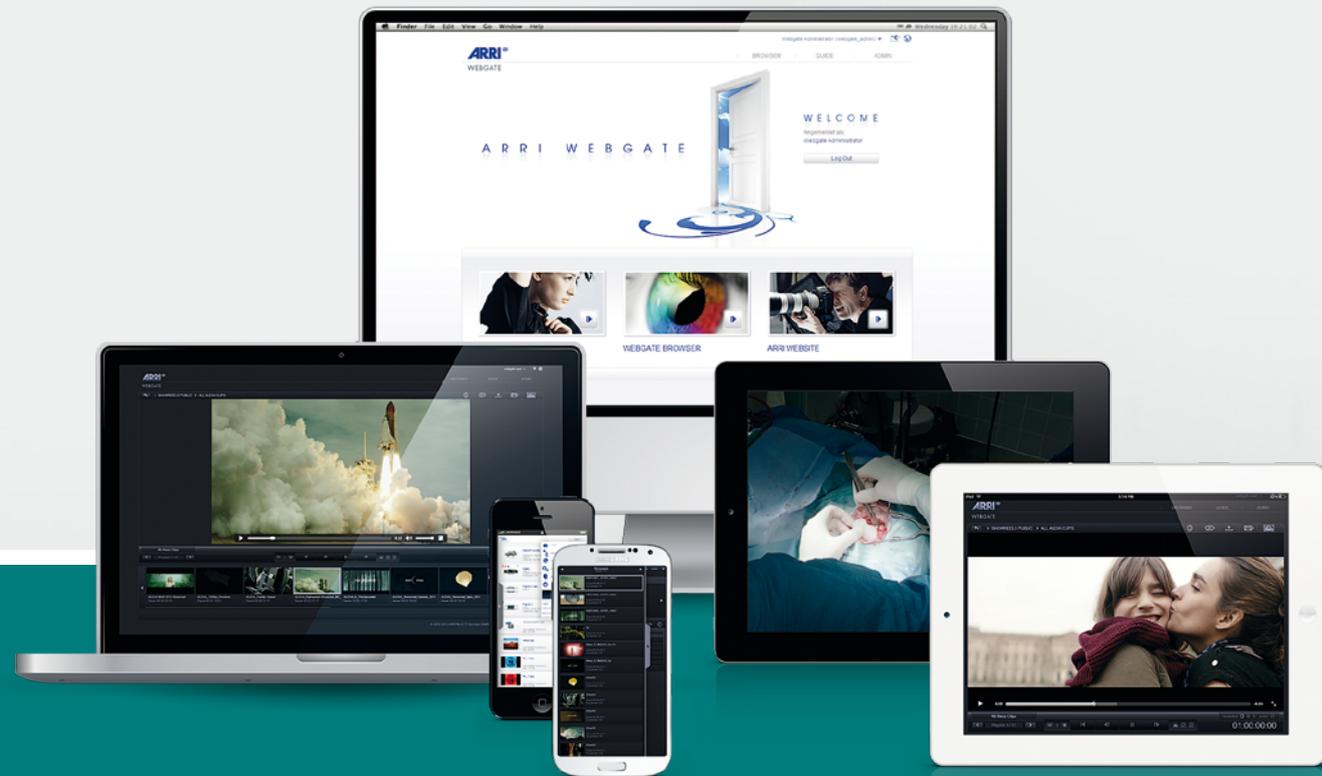
“Thanks to the high-quality transmission of its equipment, ARRI ensures that conference participants and other viewers get to see superb images during a live operation. Especially during operations with the microscope, you can follow every little detail of the procedure. This is a great step forward for training and medical education.”

Prof. Dr. Alexander Berghaus, Director of the Oto-Rhino-Laryngology Department,
Ludwig-Maximilians-University Munich/Grosshadern

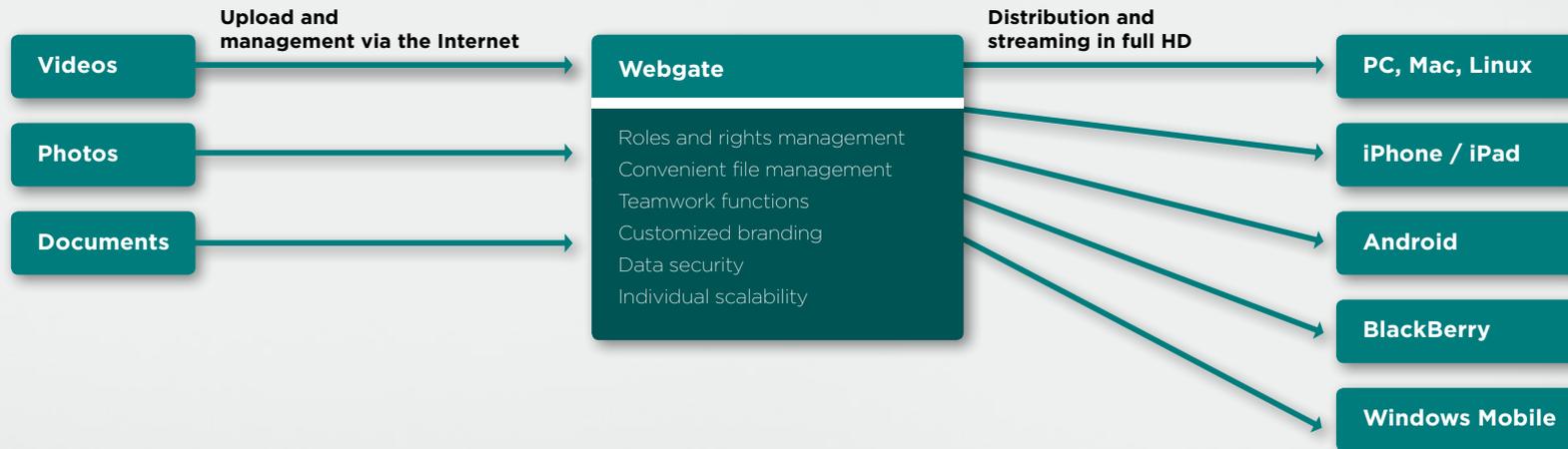
Example of transmission from two operating rooms to a conference



Webgate cloud service – share content in premium quality



Simple and secure data sharing



The ARRI Webgate provides a high-performance platform for streaming, distributing and managing your medical videos. Designed to meet the stringent demands of the film industry, it delivers images in full HD resolution, optimized for every kind of terminal and available anytime, anywhere. The ARRI Webgate

is hosted by an ISO-certified cloud center and allows you to disseminate your training and corporate videos in whatever way you want, through an easy-to-use interface. The platform is branded with your logo, and the landing page is designed according to your needs. We take care of the technology in the background.

The ARRI Group

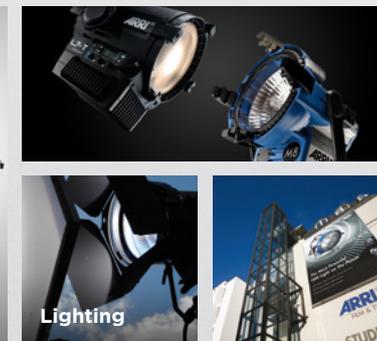
ARRI is the largest manufacturer of professional motion picture equipment in the world. Throughout its almost 100-year history, ARRI has been associated with constant innovation and revolutionary technologies in all of its core businesses.

The company is involved in all aspects of the film industry: engineering, design, manufacture, production, visual effects, postproduction, equipment rental, laboratory services, studio lighting solutions and world sales. Manufactured products include cameras, lighting fixtures and digital postproduction tools.

The Academy of Motion Picture Arts and Sciences has recognized ARRI employees and their technical innovations with 18 Scientific and Engineering Awards.

ARRI first became active in the field of medical technology in 1970. The ARRITECHNO 35 analog camera was one of the world's best-selling operating room cameras. It was the first and only X-ray movie camera able to shoot in slow motion at up to 160 fps. Used in the field of angiocardiology, 13,000 were sold worldwide.

In keeping with this tradition, the ARRI Medical business unit was established as part of the ARRI Group in 2013. Within this unit, expertise from all over the group is optimized to meet and exceed the technical demands of the medical industry. In addition to offering the Surgical Imaging service, ARRI Medical has developed a unique, fully digital microscope – the ARRISCOPE.



The ARRI Group has over 1,200 highly-trained employees worldwide. Half of them are based in Germany, where the company has its headquarters in Munich and where the largest part of its business is concentrated. ARRI's award-winning product range is distributed to film industry centers from Hollywood to Bollywood and everywhere in between.

ARRI's rental division, with its worldwide network of subsidiaries, can provide you with an unrivalled range of cutting-edge products wherever you might be shooting. Facilities in America, Canada, Europe, Asia and Australia, as well as over 40 global partners, mean that you are never too far from world-class ARRI service and support.

On the postproduction side, ARRI Film & TV have a number of facilities in Germany that provide state-of-the-art film lab and digital intermediate services. From the uniquely well-equipped one-stop-shop in Munich to Europe's biggest DI grading suite in Berlin, ARRI's post houses carry the vision of filmmakers through the final steps of the creative journey.

More information can be found at www.arri.com





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