

GE Healthcare



# OEC Brivo Prime

Prime your surgeons for success.



# Introducing the OEC Brivo Prime

For more than three decades, OEC has been committed to delivering high-quality, innovative advances in the mobile surgical imaging field, supporting successful surgeries throughout the world with easy-to-use technology. The affordability and mobility of OEC Brivo C-arms are improving care through the expansion of minimally invasive surgery.

The healthymagination tradition continues with intuitive developments in the OEC Brivo Prime, a reliable C-arm with features and capabilities that work with you, efficiently removing the complexity of imaging and allowing the surgeon to focus on the patient.

The OEC Brivo Prime offers hallmark GE quality you can count on to capture the crisp images you need. Its ease-of-use and dependability will make the OEC Brivo Prime a terrific introduction into the benefits of surgical imaging.

## GE Healthcare – healthymagination

GE's "healthymagination" is about better health for more people. The company has committed \$6 Million to develop a continuous stream of innovations that help clinicians and healthcare providers deliver high-quality healthcare to more people around the world.

Discover the OEC C-arm advantage.

**Clear...**Easily obtain the clear images you need, sharply delivered through proven OEC technology.

**Easy...**Free up your surgeons to focus on surgery with intuitive operation and automated processes.

**Secure...**Feel secure in your investment with proven data protection and dose management features.

# Clear.

The OEC Brivo presents a prime opportunity to innovate the way you work by enabling you to simply and clearly see vital details during surgery without making large incisions. OEC's imaging technology and fully digital camera automatically work together to deliver superb images even with low dose.

Fast full-time Auto Brightness Stabilization (ABS) automatically adjusts kV/mA for optimal images.



## *Capture!*

*With advanced image acquisition capabilities*

*Powered through advanced engineering, this C-arm intelligently captures the images you critically need with a 1k x 1k fully digital camera and 16 bit image processing.*

# Create!

## *With Eagle-Eye precise image features.*

Brivo's features work for you with automated, smart image adjustments to create crisp images even in challenging situations. Like an eagle that can pinpoint moving and difficult-to-see objects, this system gives focus to difficult imaging situations, with automated smart image adjustments.



### Intelligent Image Chain

The image chain intelligently works with you at every stage of surgery, adjusting kV/mA adaptively to produce an optimum image at the lowest reasonably achievable dose.

#### X-ray Generation

Get the right image at the right dose with fast full-time Auto Brightness Stabilization (ABS) for each acquisition mode.

Optimize

#### X-ray Detection

High ratio grid for clear contrast

ABS

ABS





Brivo's Eagle-Eye automatically adjusts to create the precise image you need.

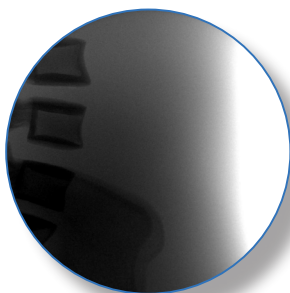


Image without AutoTrak

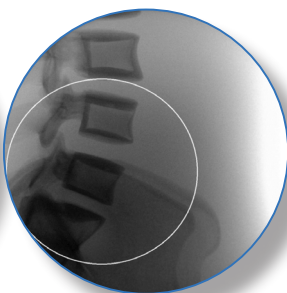
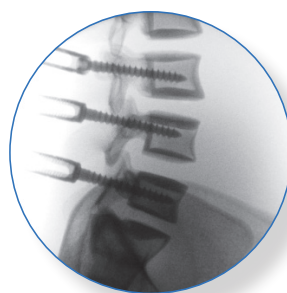
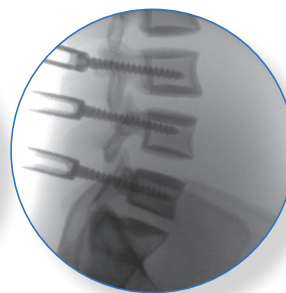


Image with AutoTrak

**New Smart AutoTrak** automatically locates regions of interest and adjusts the image when anatomy is not properly centered, enabling low dose by preventing re-imaging and adjusting ABS to create a sharp image.



Metal introduced



SmartMetal enabled

**Auto SmartMetal** borrows leading technology from proven OEC C-arms to automatically compensate for metal in the field.

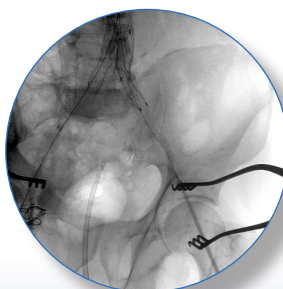


Image without Edge Enhancement



Image with Edge Enhancement

**Real-time Edge Enhancement** sharpens edges for easy guidance during trauma.

ABS

## Image Acquisition

Capture for higher image quality and less noise and distortion with a 1k x 1k fully digital camera, variable gain, and 16 bit image processing

Optimize

## Image Processing

Smart features automatically adjust your image quality

Optimize

## Image Display

Display clearly in bright operating rooms with a 19" color LCD medical grade monitor

Next-level Display Technology

**Display!**

*With a dual LCD high-resolution monitor.*

The OEC Brivo Prime high quality monitor system displays images superbly, even in illuminated operating rooms.

The OEC Brivo Prime makes it easy to differentiate soft tissue organs and anatomy in the image field. This aids in identifying tissue injuries around bone or stones in a gall bladder.





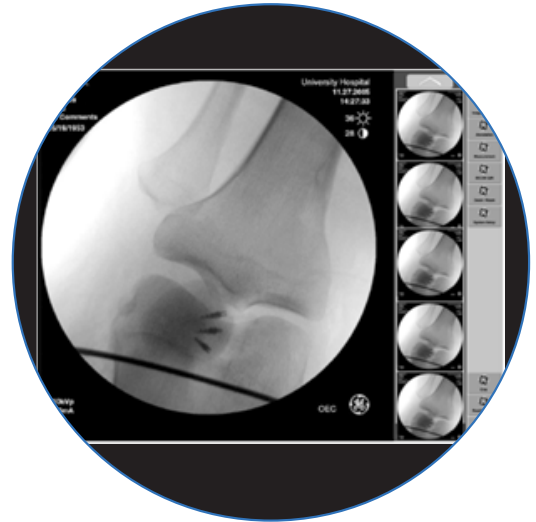
# Easy.

Remove the complexity of imaging and empower your surgeons for success with the OEC Brivo Prime's simple features. Intuitive design enables you to work simply, maneuver with ease, and save and share data easily. The OEC Brivo, the prime choice for your introduction to surgical imaging.

## Work Simply.

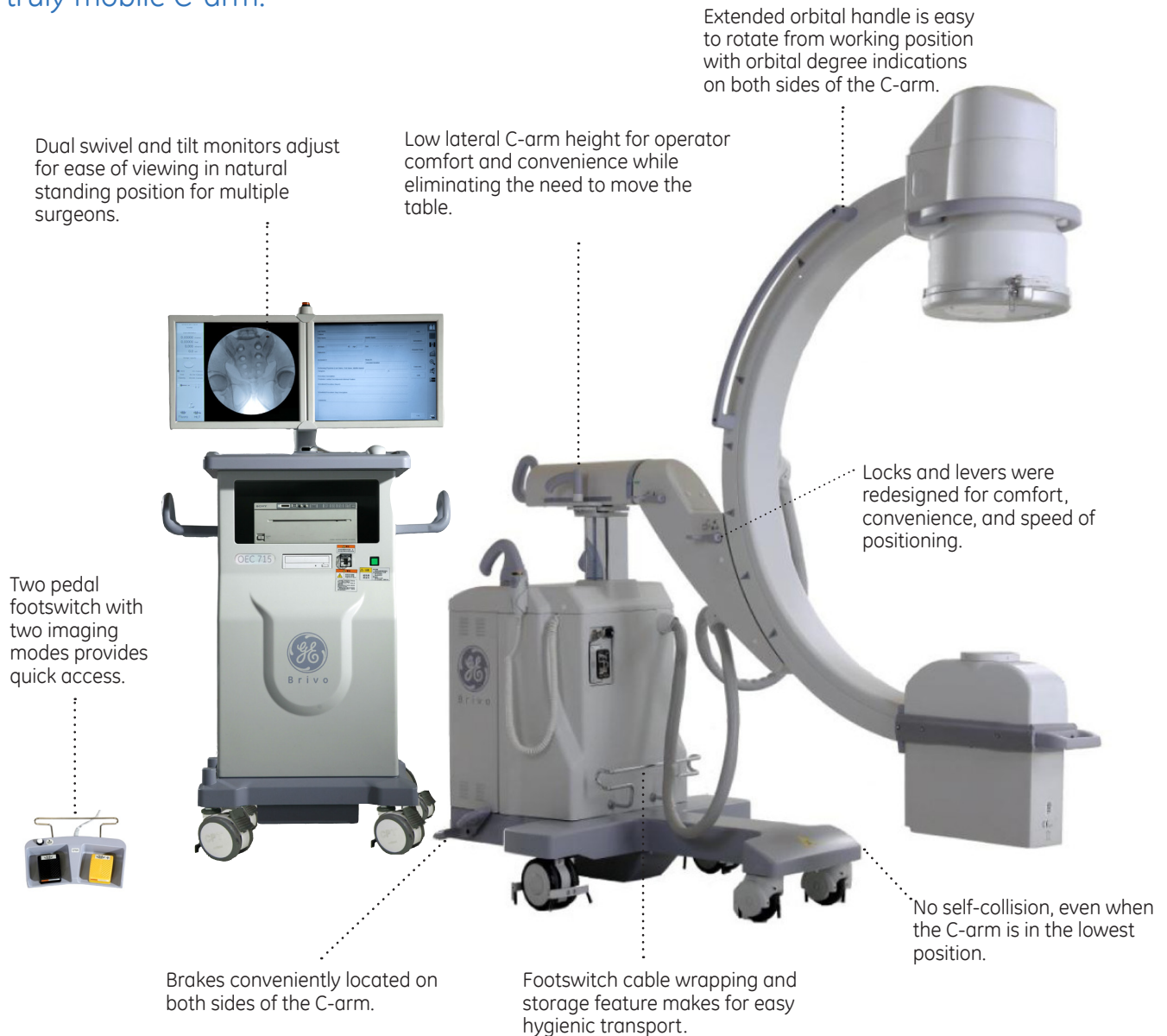
The OEC Brivo Prime's software and design can save you time and effort by putting the most-used functions at your fingertips. With simple features that yield prime results, this Brivo can reduce interference during the phases of surgery, from boot-up to cleanup.

- Faster boot-up can boost productivity.
- Emergency boot mode lets you capture the first image within minutes of boot-up and skips input and reference setting steps.
- Mini image directory displays images in one step.
- Real-time digital image rotation previews both live and saved images.
- Individually powered workstation allows you to view and output images without connecting to the C-arm mainframe.
- Instant access function buttons via screen and keyboard simplify image management.
- Point and shoot laser aimer promotes ease-of-use and further assists accuracy.
- Multiple save options ease data management.
- Membrane-covered keyboard speeds cleanup and helps you maintain a sterile environment.

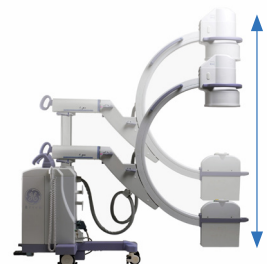
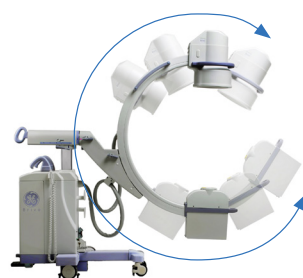
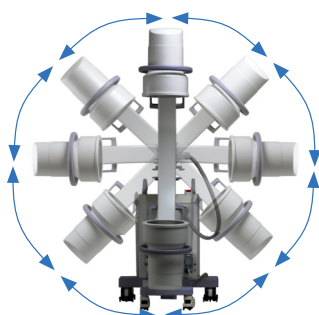


# Maneuver with Ease

Advantageous positioning and maneuverability features make capturing a superb image the first time easy, while providing increased comfort for operators. Further, new advancements in steering and functional design also make the OEC Brivo Prime a truly mobile C-arm.



Extensive positioning capability is designed into the OEC Brivo Prime to help you easily capture the images you need quickly.







# Save and Share Data Easily.

Save and share data easily with the OEC Brivo Prime's connection, integration, and data save features. These effective communication and storage features offer hospital-wide connectivity and fast transfer of data to improve your workflow.

- DICOM enables integration with scanners, servers, workstations, printers, and network hardware.
- CD, DVD, or USB save options.
- Internal static image storage handily backs up or archives up to 100,000 images.
- Thermal printer prints both paper and film.
- BMP, MPPS, and DICOM Q&R options available upon request.

# Secure.

Your surgical staff needs a C-arm that durably withstands the rigors of constant daily use to consistently deliver reliable results in real-time. OEC's demonstrated dependability and focus on quality make the OEC Brivo Prime a secure choice.

## Enjoy peace of mind.

The OEC Brivo Prime features a robust design backed by an industry leader with a world-class service and support organization. Worldwide, GE OEC is one of the most reliable C-arm brands available, so you can depend on an easy-to-operate system to deliver the right image when you need it.

## Feel protected.

OEC C-arms comply with the most strict GE, regulatory, and government standards—including rigorous pediatric imaging protocols.

- The system protects critical data with three levels of security: software safety, voltage compatibility, and an integrated UPS.
- The tube heat capacity indicator displays heat capacity during the procedures and helps to manage the exposure time.

## Be "Brilliant" with OEC

OEC's Brilliant radiation safety program is a commitment that OEC C-arms help you create the right image at the right dose. The OEC Brivo Prime has many features to help you be Brilliant.

- A premium tungsten collimator reduces scattered x-rays, resulting in lowered dose.
- The real-time dose monitor function gives you a dose summary you can see, save and print.
- Better positioning with a laser aimer and collimator can reduce the number of exposures, which could ultimately result in lower dose.
- Pediatric package uses a special, removable grid and additional filter with low dose mode to reduce dose up to 99.5% when using low dose 1 pps pulse mode.

Note: Low Dose Fluoroscopy can be used when reduced image quality at reduced dose still provides the appropriate diagnostic information. Pulse Fluoroscopy will result in significant dose reduction and possible reduction in motion blur. Images may be noisy/grainy, especially in dense anatomy.



The affordability and mobility of the OEC Brivo Prime can increase access to improved health globally by enabling minimally invasive surgery. This C-arm delivers superb image quality while protecting both patients and medical staff through intelligence-powered technology, easily controlled through simple functions. Capable and portable, the OEC Brivo Prime is sure to become a prime element of your operating environment.



Clear.  
Easy.  
Secure.

The OEC Brivo Prime



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Data subject to change.  
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OEC Brivo may not be available in all areas, check with your GEHC  
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## About GE Healthcare

Our vision for the future invites the world to join us on our journey as we continuously develop innovations focused on reducing costs, increasing access, and improving quality around the world. Headquartered in the United Kingdom, GE Healthcare is a unit of General Electric Company (NYSE: GE). Worldwide, GE Healthcare employees are committed to serving healthcare professionals and their patients in more than 100 countries. For more information about GE Healthcare, visit our website at [www.gehealthcare.com](http://www.gehealthcare.com).

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GE imagination at work