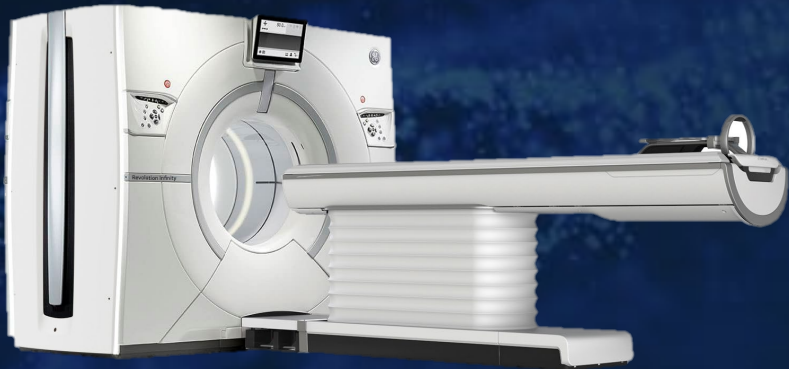


Revolution™ CT with Apex Edition *Upgrade*



Building a world that works.



Through hardware upgrades and powerful software, this system seamlessly integrates the technologies that are foundational to a greater performance.

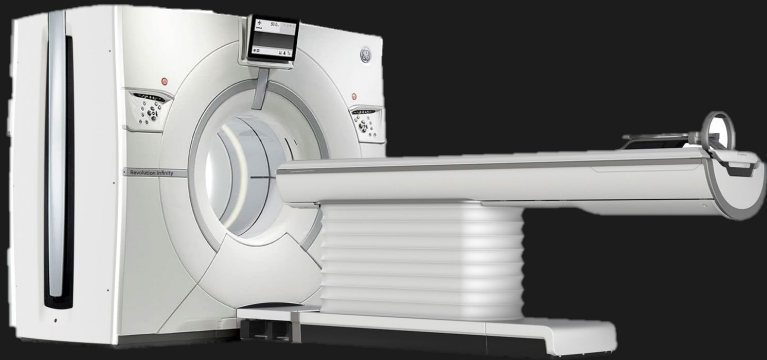
Healthcare providers need a cost-effective system that has the flexibility to evolve with the demands of its users and accommodate for future growth. Revolution Apex is made for this. Upgrading to the Revolution CT with Apex Edition means gaining outstanding image quality for your patients, today and tomorrow.

JB21335XX

Revolution™ CT with Apex Edition. Protecting your investment



Bring the power of the Quantix™ 160 tube and image clarity of TrueFidelity™ CT Images from Deep Learning Image Reconstruction along with workflow solutions to elevate the capabilities of your Revolution™ CT for every patient.



We recognize the need for improving diagnostic accuracy, technology obsolescence and managing patient throughput



Clinical decision

Improve image quality and diagnostic accuracy



Dose optimization

Achieve low dose scanning with optimized contrast usage



Technology obsolescence

Keep up with the latest technology



Operational efficiency

Optimize patient throughput with a rapidly growing patient volume

Explore the Revolution CT with Apex Edition **upgrade** possibilities



Quantix¹ Tube

Clinicians can take advantage of this unique power and coverage combination to address bariatric patients, achieve low kV imaging and shorter breath-holds.



TrueFidelity

Deep-learning based image reconstruction available for both single energy and spectral imaging.



Industry's fastest Rotation Speed

1-beat cardiac CT for any heart rate just reached new heights in speed, image quality and dose with the industry's fastest rotation speed.



Automation & Remote Capabilities

Enhanced workflow feature that enables the landmarking and positioning of the patient from the console. Post scout, a profile driven feature may recommend scan parameters defined for the specific patient size



Unprecedented Clinical Solutions

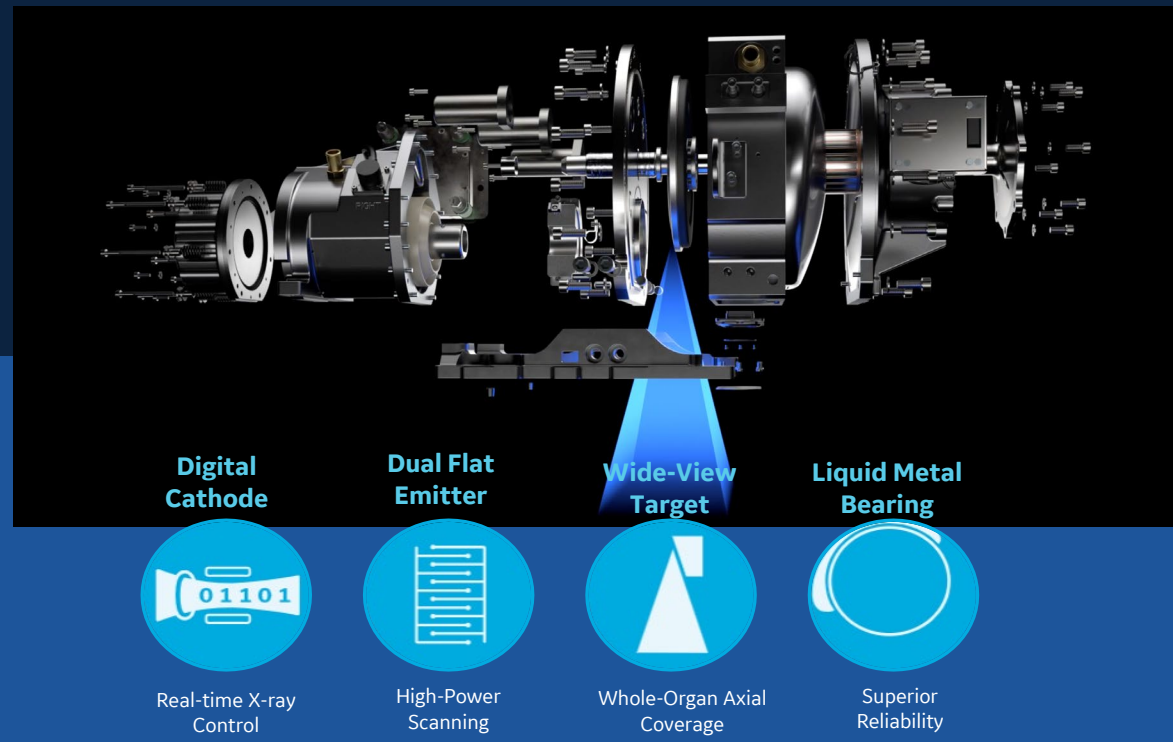
Revolution CT with Apex edition being ready for anything and anyone.



Smart Subscription

Allows you to constantly refresh your machine with new innovative software and scalable platform keeping you at the forefront of technology — "A CT that keeps getting better."





Quantix¹ X-Ray Tube, Power like never before

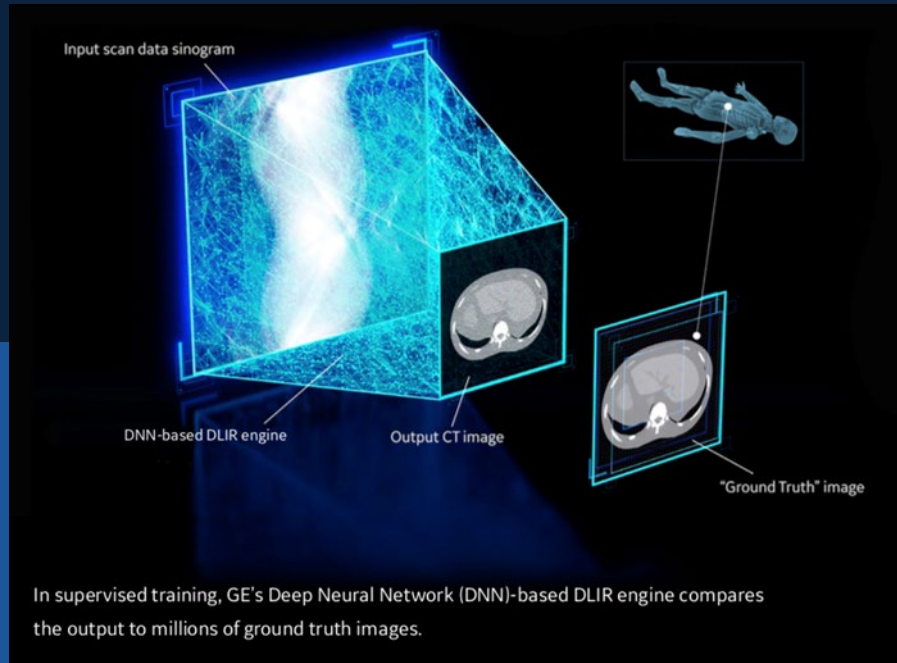
GE Healthcare's Quantix X-ray tube is the most advanced and powerful X-ray tube we've ever made. It provides the world's first combination of 1,300 mA output and 160 mm z-coverage in a single axial exposure, a momentous achievement for X-ray tube. The Quantix X-ray tube has three key technology breakthroughs; The Digital Cathode, the Wide-view Anode and a liquid bearing.

What does new Quantix tube give you? A whole lot.

Clinicians can take advantage of this unique power and coverage combination to address bariatric patients, achieve low kV imaging and shorter breath-holds.

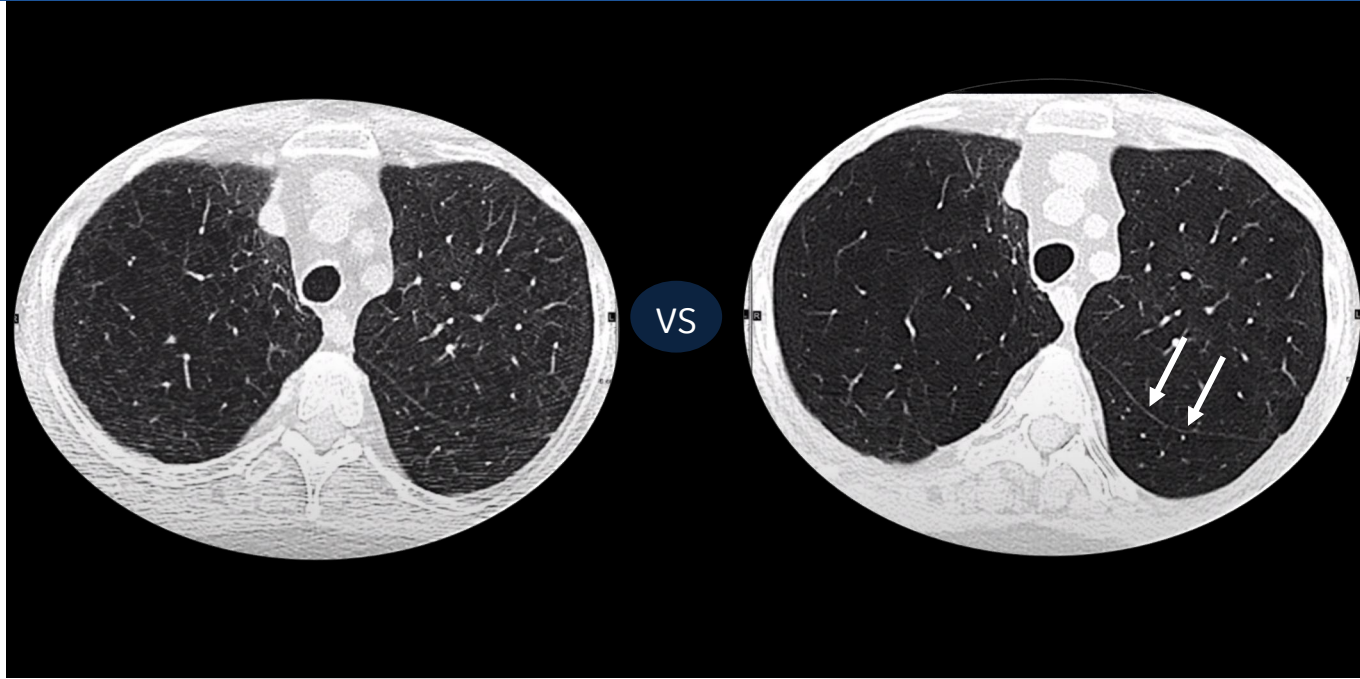
Power pro to fit in your existing power supply

Incase your power supply is limited to 150 kVA you can still have these upgrade without changing power requirements and benefits from high mA output of 1200 and 160 mm z-coverage.



TrueFidelity , Futuristic image quality

TrueFidelity is our state-of-the-art image reconstruction technology that uses a dedicated Deep Neural Network to generate high-definition, low-noise CT images. Fully integrated with both single-energy and spectral imaging, TrueFidelity produces images with exceptional sharpness, low-contrast performance and your preferred noise texture, even with low dose.





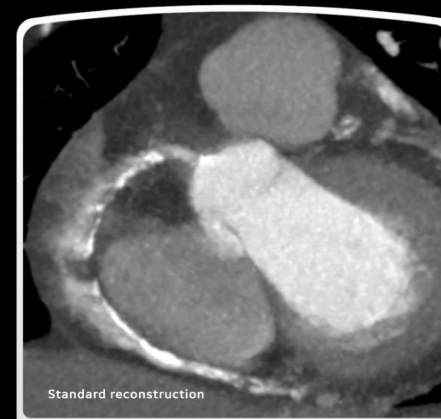
Industry's fastest rotation time

Revolution CT with Apex Edition features the industry's fastest gantry rotational speed - **0.23 sec/rot** and best effective temporal resolution - **19.5 msec*** with Snapshot Freeze 2.

With 160mm whole heart coverage, Revolution CT with Apex Edition delivers uncompromised 1-beat cardiac for any heart rate and rhythm, even Atrial Fibrillation with superior image quality and low radiation dose

Whole heart motion correction

HR=89 BPM



Revolution™CT Apex with Edition Upgrade

*As demonstrated in mechanical and mathematical cardiac phantom testing

Efficient Workflow- **Improve overall staff satisfaction**

Shaping the future of Radiology



Intelligent Protocols

Intelligent protocols² utilizes machine learning to intelligently suggest the relevant protocol.. Smart prescription workflow, Seamless multi-tasking, Plan ahead.

✓ Automation to keep consistency



SmartPlan

SmartPlan Simplified, automated scan prescriptions, personalized to the patient and easy-to-use reference protocols make the system, patient setup, prescription & scanning. fast and efficient

✓ Quick and efficient patient setup



Auto Prescription

Auto Prescription automatically recommends scan parameters to patient size and clinical indication for dose optimization and desired image quality.

✓ Ease of use with Improved workflow

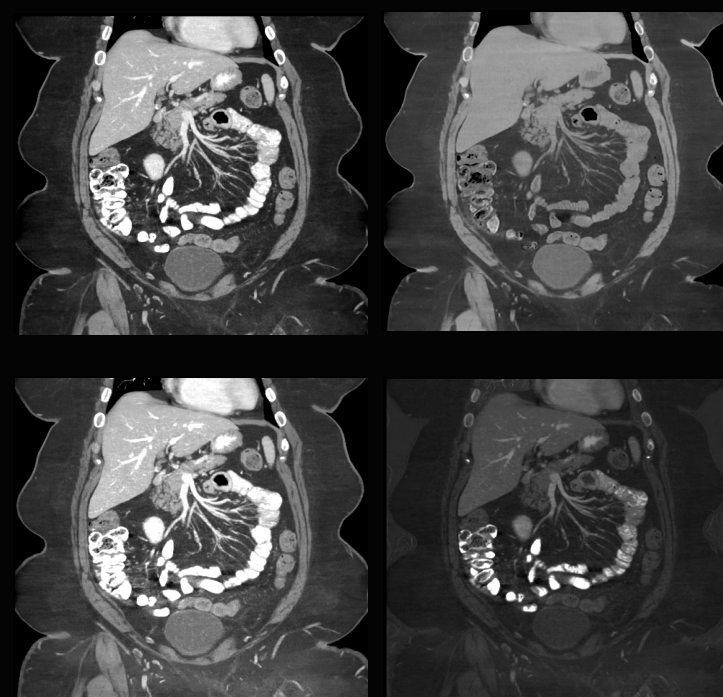
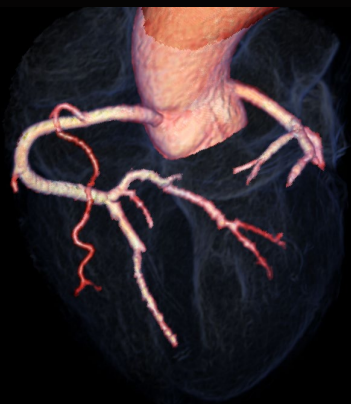


Remote capabilities

Virtual Remote-Control along with Video surveillance to support:

- ✓ Load, Unload,
- ✓ Landmark External
- ✓ Laser Alignment Lights,
- ✓ Table Motion (in, out, up, down) at both speeds

✓ Remote monitoring and positioning for infection management



Unprecedented clinical solutions

Be ready for anything and anyone

Today's radiology departments have to be ready for everything. Patient volumes continue to grow, cases are growing in complexity and rapid advancements in disease management keep pushing you to expand your imaging service lines. The Revolution CT with Apex Edition is designed to provide unparalleled image quality, low dose and exceptional clinical solutions for both routine and challenging cases in all care areas for every patient.

Power and Deep Learning deliver stellar images. GE's Deep Neural Network compares the CT scanner output to millions of ground truth images, relentlessly refining the algorithm used to create TrueFidelity CT Images complemented by the Quantix 160 tube.

"We have seen the improvement in iterative reconstruction, but deep learning reconstruction takes it to a new level in terms of bringing the radiation dose down, while also improving image quality."

" - Ricardo Cury, M.D., Chairman of Radiology, Baptist Health "

"Excellent CNR, lesion delineation, with improved texture and no plastic appearance in the image,"

- Naveen Kulkarni, MD Froedtert & the Medical College of Wisconsin

CT Smart Subscription

A CT that keeps getting better.



Keep pace

The subscription-based service for CT helps you keep your computing platform & software up to date and keep pace with clinical and workflow innovations by providing the latest upgrades and updates to your CT capabilities* as soon as they're available.



Consistency

The same capabilities* across all your systems, at all your sites providing consistent exams.



Flexibility

Pick the plan that's right for you. Smart Subscription includes a broad range of application packages across many different imaging services, giving you the flexibility to choose how you want to expand your CT capabilities.





REVOLUTION CT to REVOLUTION CT with APEX Edition



REVOLUTION CT ES to REVOLUTION CT

KIT AND REQUIREMENTS

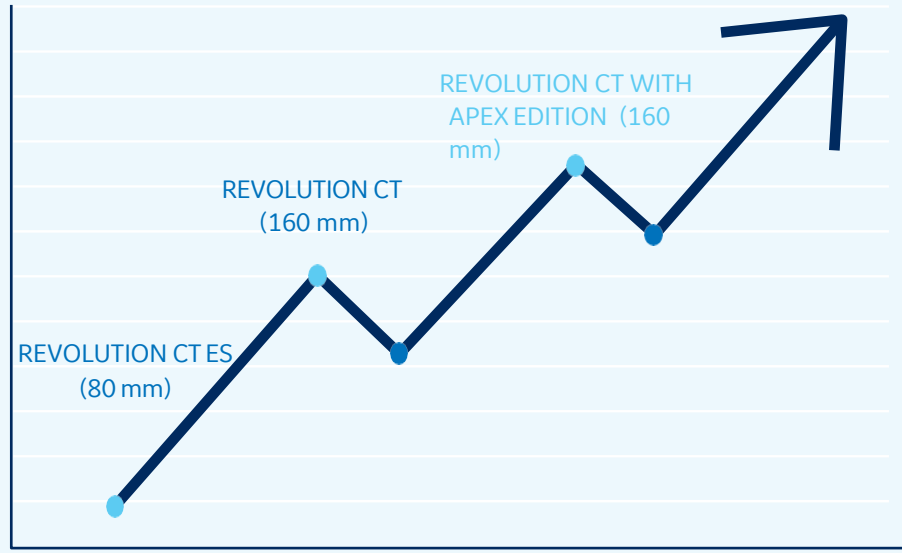
Apex Upgrade

- A Quantix 160 Tube
- A new generator
- A new PDU
- A new main disconnect panel
- A pair of new side covers

Siting requirement

Electrical power supply with 150kVA or 200kVA peak power**

IB UPGRADE PATH FOR REVOLUTION CT ES to Apex Edition



Increase in hardware capabilities