

Value Through Innovation



Neusoft Medical Systems PRODUCT CATALOG

Contact Us:



www.neusoftmedical.com/en/

 Neusoft Medical Systems

 Neusoft Medical

Caring for you

Our Vision, Mission and Values all center around caring for you, our customers and caring for the patients through technology that delivers more value to the patients and the healthcare providers.

PRODUCT CATALOG

CT
MRI
DSA
X-Ray
PET/CT
Ultrasound
MDaaS

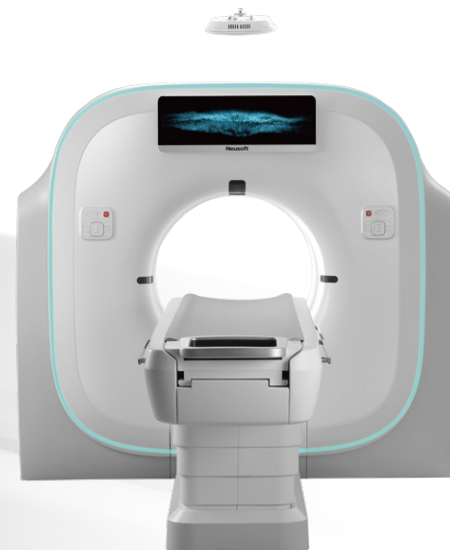


CT Series

NeuViz Epoch Elite

Reveal the Truth in Stunning High Definition

- **Photon-CT-Level Clarity**
Achieve 46.5lp/cm spatial resolution and 0.156mm slices – resolving microcalcifications, sub-millimeter lung nodules, and microvascular structures with precision once exclusive to photon-counting systems;
- **83cm Expansive Bore**
Accommodate all body types and positioning needs while maintaining imaging precision;
- **Latest-gen DLIR ClearInfinity**
Neusoft Medical Systems' self-developed AI Deep Learning Reconstruction utilizes advanced Convolutional Neural Networks (CNN) to intelligently reduce noise and elevate diagnostic image quality.
- **NeuAI Workflow Suite**
NeuViz Epoch Elite is equipped with Neusoft Medical Systems' second-generation NeuAI platform, covering the entire process of artificial intelligence services from positioning, scanning, reconstruction to diagnosis, achieving multiple goals of consistency, accuracy and high efficiency in scanning.



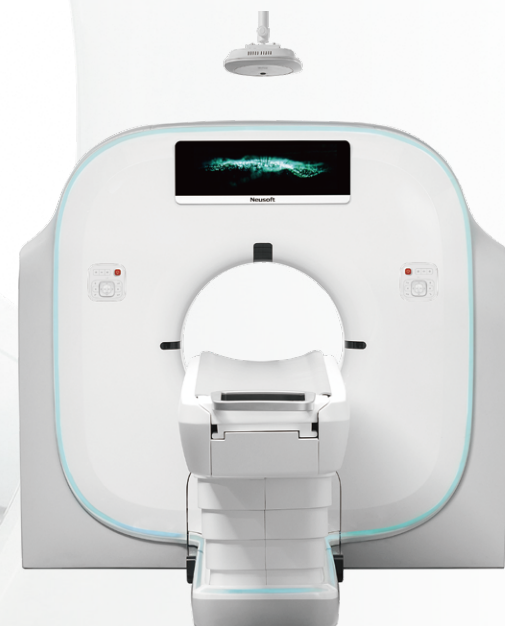
CT Series

NeuViz Epoch+ 512-slice CT

512-slice

State of the art: greater versatility

- 0.235s supersonic speed with a 16cm wide coverage area is applicable in all situations. This will ensure cardiac volume capture in one beat and one rotation.
- Clearinfinity AI greatly reduces noise while preserving authentic texture even at an ultra-low dose.
- 32lp/cm remarkably high resolution accelerates superior imaging with AI-enhanced quality.



CT Series

NeuViz Epoch

Broadening Your Possibilities

512-slice

- Cutting-edge "ClearInfinity" technology enables high resolution imaging with sharp detail, low noise and substantially reducing dose.
- CARE60 (ClearView Advanced & ClearInfinity Reconstruction Engine) provide ultra-low dose solution for challenging pediatric imaging.
- The 16cm Pano-spherical detector and 0.259s rotation speed enables one-beat, free-breathing cardiac images for difficult patients. Whole organ perfusion coverage enhances clinical outcomes.
- "NeuAI Positioning" allows customizable scanning for each patient, simplifying workflow and reducing unnecessary radiation dose.



CT Series

NeuViz Glory+

Supersonic Era, Future Arrived

256-slice

- Experience supersonic speed and efficiency: 0.235s gantry rotation accelerates patient throughput and optimizes diagnostic workflows.
- Enter the era of ultra-precise diagnostics: 32lp/cm resolution combined with AI - driven ClearInfinity reconstruction delivers stunningly detailed images for confident and accurate diagnoses.
- Elevate patient care through intelligent automation: NeuAI Positioning and iCentering ensure precise and efficient patient setup, reducing radiation exposure and enhancing comfort.
- Unlock a comprehensive clinical ecosystem: Benefit from versatile clinical solutions including cardiovascular, stroke, and chest pain applications, supported by a global service and logistics network for seamless integration and ongoing support.



CT Series

NeuViz Glory

Seeing More Clearly

256-slice

- One-beat cardiac imaging provides superior diagnostic capability.
- Large set of advanced applications increase clinical utility.
- Advanced Spectral Imaging capability with increased detector coverage.
- Complete compliment of low dose imaging tools, including our unique 60kV imaging.



NeuViz Prime

Acceleration NEVER ends

- 0.259s rotation time per 360°, uncompromised to heart rate.
- 30 MHU tube heat capacity, developed to minimize waiting.
- New Ultra-high definition imaging platform, 30lp/cm@0%MTF can be achieved.
- Low dose design, unique 60kV scanning specially for pediatric.
- Spectral imaging adds tissue characterization to morphology, improves the value of radiological department.



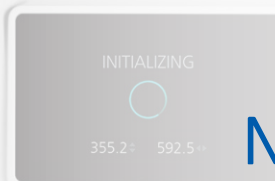


NeuViz 128

Redefining Precision with AI

- Advance imaging accuracy via NeuAI positioning system and highly automated processes.
- Sense infinite possibilities via ClearInfinity technology developed by AI reconstruction algorithm.
- See more than ever before via high definition imaging-chain using effective integration of hardware and software.
- Stimulate clinical potentials via patient-centric solutions by powerful diagnostic performance.





Neusoft

NeuViz ACE 128 *128-slice*

Revolutionary Imaging Powered by AI

- **Accurate**
An intelligent, high-resolution imaging chain with its 33.5 lp/cm of resolution delivers diagnostic confidence.
- **Robust**
The A-STAR X-Ray Tube has effective heat capacity of 19 MHU. Multiphase studies and high patient throughput without delays are now improved.
- **User-Friendly**
NeuAI Platform improves workflow through intelligent automation. This makes patient handling more accurate and efficient.
- **Comprehensive**
The effective combination of AI, cutting edge design and attention to detail yields the NeuViz ACE 128, the OPTIMAL solution to your diagnostic imaging challenges.



CT Series

NeuViz ACE 64e

64-slice

Powerful beyond your expectations

- **Enhanced Hardware Platform**

A unique design, crafted with powerful tube and A-STAR detector, enables table running and effective scanning.

- **Exclusive Care Design**

NeuAI positioning system and A-Touch operation system deliver accurate images, patient comfort and flexibility.

- **Extreme HD Imaging**

HD imaging technique brings outstanding 22lp/cm spatial resolution. AI powered ClearInfinity keeps real texture at ultra-low dose.

- **Excellent Clinical Performance**

Holistic scanning plan focuses on every patient. Advanced performance like cardiac and prism can be captured with confidence.



CT Series

NeuViz ACE UP

64-slice

UP, stands out

- **Automatic Workflow UP**
Intelligent workflow with A-Touch operation system performs accurate and efficient scanning.
- **Clinical Performance UP**
ClearInfinity gives you the real texture of the image even at ultra-low dose. Strong clinical capabilities support all your patients' needs.
- **Everyday Rewards Up**
High-end features maximize your budget and reward you with constant business growth.

CT Series

NeuViz ACE 32e

Exquisite Scanning - Exquisite Results

- **Refined Technique Leads to Outstanding Performance**

24mm-Exquisite Craftsmanship Design delivers exceptional spatial resolution of 22 lp/cm to enable high quality imaging and visualization of anatomy in 3D.

- **Versatility Across Diverse Clinical Scenarios**

- Rapid and Efficient Management of Emergency and Routine Scenarios
- Early Detection and Diagnosis in Critical Situations
- High-Quality Angiography for Vascular Imaging Examinations
- Specialized Orthopedic Imaging Solutions

- **Scan Intelligent, Work More Intelligent**

NeuAI 2.0 redefines CT efficiency, streamline post-processing workflows while ensuring diagnostic accuracy, transforming pressure into precision across every step of patient care.

- **EcoConsumption**

Optimizing eco-friendly choices for sustainable operations, our patient-focused solutions reduce environmental footprint through energy-efficient technology—fewer X-rays, lower electricity consumption per exam, and enhanced quality with cost savings.



CT Series

NeuViz ACE 32

Intelligent Tech Arrives

• 3 Intelligent Techs

Intelligent Reconstruction Technology

ClearInfinity AI reconstruction enhances image quality on 32-slice CT scans by reducing noise and delivering more natural textures.

High-Resolution Imaging

High-definition imaging chain, featuring Micro-STAR detector and sub-mm acquisition, achieves 22lp/cm high-resolution imaging, delivering superior clinical output.

Smart Patient Positioning

NeuAI positioning enables fast, accurate patient positioning through its ceiling-mounted camera that focuses on each patient, streamlining workflows to enhance efficiency.

• 2 Clinical Breakthroughs

60kV Low Dose Scanning

NeuViz ACE 32 has been designed to deliver perfect images with an ultra-low 60kV to support you in reducing radiation dose and contrast agents.

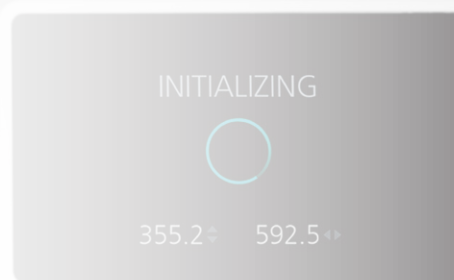
Prism Imaging

Prism imaging is available to provide both anatomical and functional information for a more precise material differentiation.

• 1 Easy Installation

Affordable-Cost Installation

Energy-saving solution combines a compact room design for simplified installation, an intelligent scan method that minimizes exposure during routine operations, and an eco mode that significantly reduces energy consumption.



Neusoft





CT Series

NeuViz ACE SP

Inspire Your CT Value

32-slice

- As a quality 32-slice CT scanner with excellent performance, it brings a full range of clinical applications.
- Unique 60kV low dose technology offers pediatric-friendly scans meanwhile optimizes dose level and image quality.
- Up-to-date spectral imaging improves the standard of diagnosis, enhances your scientific research capability.
- Drives overall business success by providing better outcomes at lower costs.

Mobile CT Unit

Caring for you by coming to you

- Customized mobile designs based CT options of 16/64/128/256 slices.
- Compact design straight-trunk for easier transportation and on-site access.
- Full body CT scanning including cardiac scanning
- Mobile Stroke Unit shortens treatment time for critical patients.
- Excellent medical resource for the military and natural disasters, such as earthquake, tsunami or hurricane.
- Flexible rent & lease options to maximize value & profit.





MRI Series

NeuMR Universal

3.0T Designed for Now

- **Unicorn**

Dual-energy Gradient System
Linear Time Invariant for 0 delay

- **UltraFast**

Magic eyes for smart position
NeuCS based on new algorithm
AI Pyramid for Deep R Pyramid & GibbsCut Pyramid

- **UltraSight**

GRAB, Golden angle Radial Acquisition for free Breath imaging
ZOOM, small FOV high-definition diffusion imaging
Fast BrainQuant 2.0



NeuMR Rena

Optimized Results

- **Fiber Distributed Spectrometer of the Boundless Platform**

- Stronger real-time performance
- Higher SNR
- Wider scalability
- Broader openness

- **Full-digital Gradient Chain of the Boundless Platform**

Super-high Gradient strength 46 mT/m

- **All-rounder of the Boundless Platform**

High Resolution

- MUSIC-HDDWI Technology
- VAST-3D Isotropic High resolution Imaging

Ultra Fast Speed

- Deep R-AI acceleration technology
- DANCE for Abdomen
- Fast BrainQuant

Precise Quant

- LiverQuant for Liver
- KneeQuant for Knee





DSA Series

NeuAngio Ceiling Series

NeuAngio 30C/33C/43C
Pioneering in railless gantry design

- Railless 7-axis dual rotation center (DRC) C-arm gantry makes it easy to cover the full body and project at any position.
- Intelligent D-5 element AEC tube achieves real balance between radiation dose and image quality.
- Full 16bit + 2K digital imaging chain, completing one-stop advanced processing flow of image acquisition, transmission and storage.
- Innovative IDM (InSighter, Defender, Master) Platform brings doctors a new clinical experience, clearer image quality, lower radiation dose and more efficient and convenient workflow.
- Advanced multi-modality post-processing applications meet the clinical needs of multi interventional departments.



DSA Series

NeuAngio Floor Series

NeuAngio 30F/30F Flex/33F
Pushing the boundaries

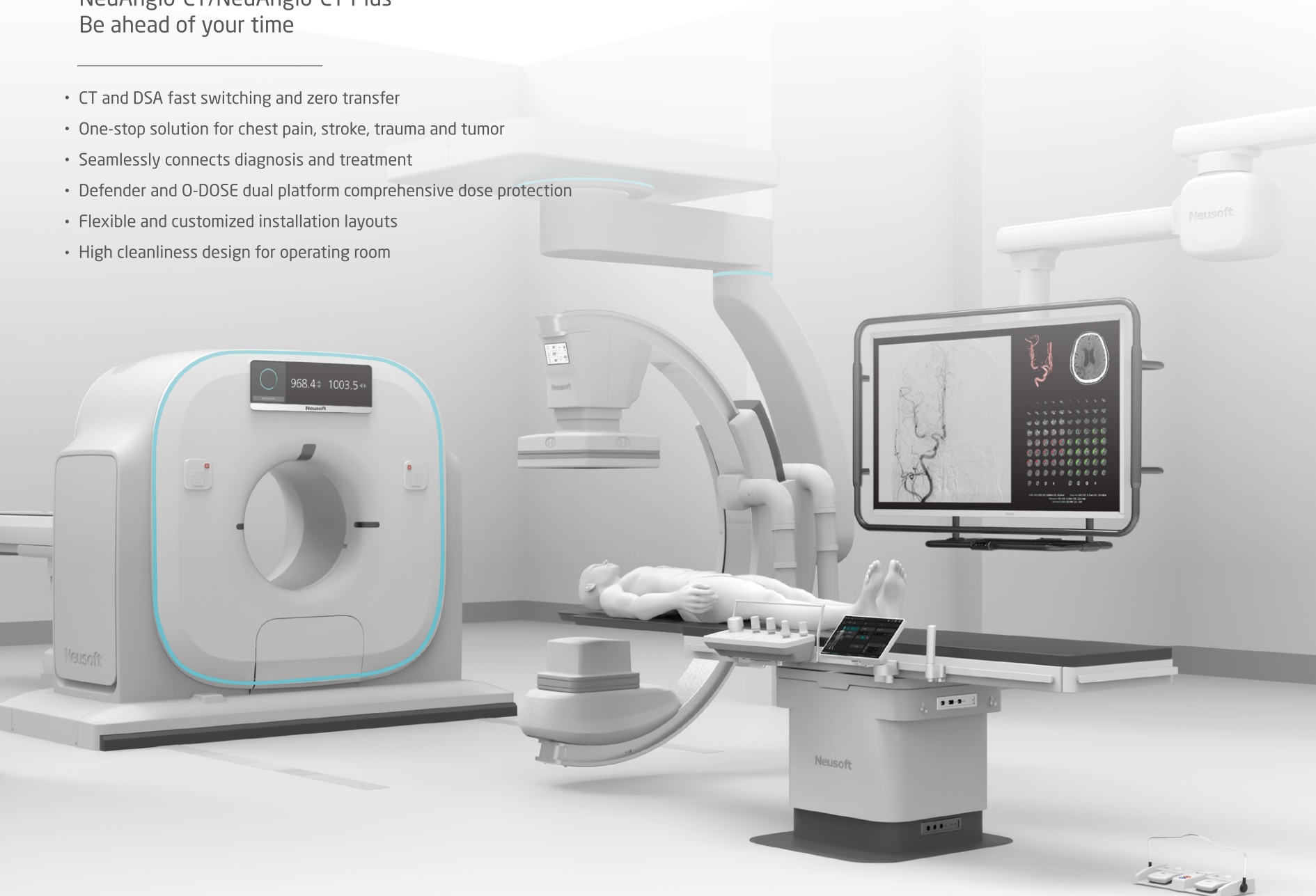
- Hyper speed C-arm gantry, parking and projecting at any position.
- Intelligent D-5 element AEC tube achieves real balance between radiation dose and image quality.
- Full 16bit + 2K digital imaging chain, completing one-stop advanced processing flow of image acquisition, transmission and storage.
- Innovative IDM Platform brings doctors a new clinical experience, clearer image quality, lower radiation dose and more efficient and convenient workflow.
- Advanced multi-modality post-processing applications meet the clinical needs of multi interventional departments.



NeuAngio-CT Series

NeuAngio-CT/NeuAngio-CT Plus
Be ahead of your time

- CT and DSA fast switching and zero transfer
- One-stop solution for chest pain, stroke, trauma and tumor
- Seamlessly connects diagnosis and treatment
- Defender and O-DOSE dual platform comprehensive dose protection
- Flexible and customized installation layouts
- High cleanliness design for operating room



X-Ray Series

NeuVision 850

Digital Radiography system

- Wireless flat panel detector: brings information transferring by WIFI.
- Synthesis Optimal Exposure (S.O.E): Full detector field as automatic exposure control unit makes dose detection and feedback of X-ray more accurate.
- Smart Equilibrium Processing (S.E.P) : Multi-frequency image and multi scale enhancement.
- Super Intelligent Grid (S.I.G): Electric Grid reduce radiation dose by 40%
- "Low Dose" algorithm technology: Anatomical parts adaptive dynamic range adjustment. Gray scale compensation of image ROI achieve better dose control.
- Patent image stitching technology: Gray leveled fitting correction by pixel in overlapping domains. Image edge can be identified accurately to achieve seamless stitching.



NeuCare Mammo DR HD

Digital Mammography System

- Dynamic Colorful Screen for much easier information access.
- Tungsten Anode Technology perfectly matches flat panel detector that reduces 30~50% dose.
- Super Intelligent Grid (S.I.G): Creative patented technology makes 30~50% lower dose without compromising image quality.
- Synthesis Optimal Exposure (S.O.E): Full detector field as automatic exposure control unit makes dose detection and feedback of X-ray more accurate.
- Smart Equilibrium Processing (S.E.P): Multi-frequency and multi-scale image enhancement brings Perfect display of image details.
- Sense Intelligent Compression (S.I.C): Automatic adjustment of compression provides Soft compression for more comfortable examination experience.



NeuVision 530M

Digital Mobile Radiography System

- Infection prevention: It features easy-cleaning coating and smooth surface, which is convenient for disinfection and reducing the risk of cross-infection. The X-ray tube arm finds the right position quickly with 360 degrees of image coverage, letting staff reach into tight spaces while keeping some distance from patient.
- Easy access: Motorized drive and new type tension sensor ensure free and relaxed movement of the equipment. Flexible design makes easy access to ICU, OR especially in corridor and elevator.
- Simple workflow: The 19-inch large-size touch screen integrates the control and communication of the image system & high voltage generator, making the operation more intelligent and humanized.
- Image stitching: Manual stitching can capture a body part that is larger than detector's area. After taking multiple images making the alignment process easy, which helps merging them into one image.



NeuVision 550M Plus

Digital Mobile Radiography System

- Elastic column meets different requirements.
- Multiple-sized plat panel detector with full image coverage driving mobile DR shooting into WIFI age.
- Dual battery independent power supply. Easy to access with just single hand.
- The large capacity dual battery independent power supply system ensures reliable functioning of the gantry and the stability of the exposure system.
- The technologists can operate the system from the scanning room with the wireless remote controller.
- The design of compression spring inductive damping system eliminates all the shaking on bumpy roads ensures operating safety and stability.





X-Ray Series

NeuVision 650/680

Digital Radiography System

- **Dual source movement control:** Dual flat panel detectors, Two-way tracking, Dual source movement control, wireless remote controller.
- **Optical visual guide system:** Visual image real-time display, Visual exposure field assistant reference, Visual exposure center display.
- **Intelligent height identification:** adjust the height of column for chest examination automatically according to big data improving working efficiency.
- **Super Intelligent Grid(S.I.G):** scattered X-ray suppression algorithm replaces physical grid, save dose without compromising image quality.
- **Full automatic image-stitching :** Single or multiple image collecting method, pixel level gray value fitting correction in overlapping areas



PET/CT Series

NeuEra PET/CT

- X-Recover respiratory motion compensation imaging
- Oe-Scan Continuous Bed Movement Scanning
- 1024×1024 reconstruction matrix
- Deep Learning Reconstruction
- Intelligent Positioning



PET/CT Series

NeuWin PET/CT

NEW

- Intelligent Positioning Detection Flow
- AI-TRIO Deep Learning Reconstruction
- SiPM+ASIC Digital Detection System
- X-Tiny Panoramic HD Algorithm



NeuEcho 20 Series

- Full range of Single crystal transducers
- Revolutionary framework and innovative hardware
- 21.5" HD medical monitor
- 10.4" customized touch screen
- iScan- one button image optimize automatically
- High-Q -Spectrum calculate automatically
- Innovative beam filter and noise reduction: SCI, FCI, Clear View+, Pulse inverse harmonic, HQ auto Doppler
- Clinical technology: Nature View Rendering, Multi Slice, Salpingography, Auto EF, Auto NT, Auto OB, Stress Echo, Contrast imaging, Elastography
- 3 degree gel warmer
- Ultrasound remote real time telemedicine (Optional)



NeuEcho 10 Series

- 21.5" professional medical LCD monitor
- 10.4" customized touch screen
- Ergonomic control panel design, less buttons and palm rest handle for simple and comfort operation
- iScan - one button image optimize automatically
- Adaptive spectrum and color Doppler Technology
- Innovative beam filter and noise reduction: SCI, FCI, Clear View+, Pulse inverse harmonic, HQ auto Doppler
- Innovative functions: Anatomical M mode, TDI, Needle enhance, Panoramic imaging, Trapezoid image, Auto OB, Micro blood flow and Elastography
- Pin-less probe connectors
- Full DICOM 3.0





NeuMiva NeuMica

Intelligent Medical Image Service Platform

- Device monitoring services
- Image data on-line archiving achieving and value added services
- Image based diagnostic services

NeuSolution

Images based clinical solutions

- Integrated solution with hardware, software, training, consultation and etc.
- Inter-hospital solutions for specialized disease.

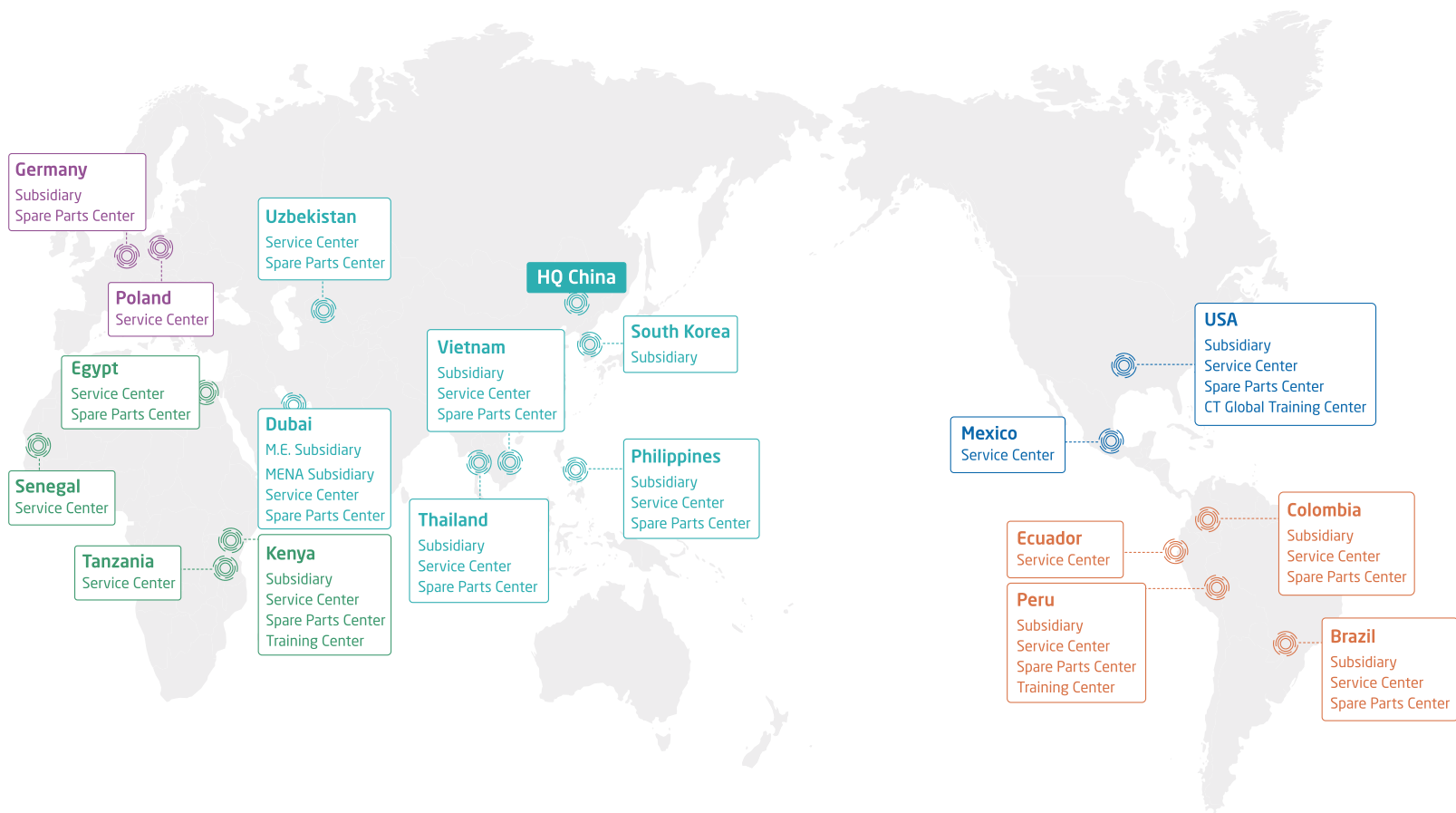
NeuAI

R&D Platform of medical images

- Open data set, and Computing power for research
- Project management tools
- Data based Verification and Validation Service
- Joint venture Research and Productization

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Neusoft Global Service & Logistics Network



After-sales service and support

Remote service capabilities bring Neusoft expertise to you IMMEDIATELY, no matter where you are!

Identifying and correcting PROMPTLY and PROACTIVELY, minimizing downtime and patient inconvenience.

Global logistics network enables fast response regarding parts and supplies.

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