

Innovating for You



Neusoft Medical Systems  
**PRODUCT CATALOG**

Contact Us:



[www.neusoftmedical.com/en/](http://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



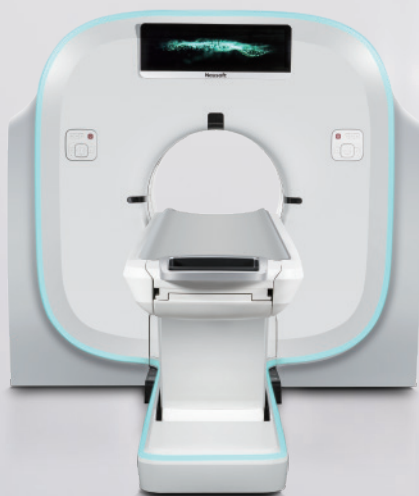
# CT Series

## NeuViz Epoch

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.



\*Not available in the United States

\*ClearInfinity, NeuAI: WIP



## NeuViz 128

Redefining Precision with AI

NEW

- 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 effective integration of hardware and software.
- Stimulate clinical potentials via patient-centric solutions by powerful diagnostic performance.





# CT Series

## NeuViz ACE 128

Revolutionary Imaging Powered by AI

NEW  
128-slice

- **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 possible.

- **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

NEW  
64-slice

Powerful beyond your expectations

- **Enhanced Hardware Platform**

A unique design, crafted with powerful tube and A-STAR detector, enable 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

UP, stands out

NEW  
64-slice

- **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 SP

32-slice

Inspire Your CT Value

- 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.



## 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 annihilate 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.





## CT Series



### NeuViz 64 In

#### Patient-centric Imaging

- Confidently diagnose different types of cardiac disease patients with our robust cardiac imaging capabilities.
- Reduce scan time and improve throughput with Quad Sampling technology.
- Acquire diagnostic quality images at low patient dose with O-Dose optimized hardware and ClearView iterative reconstruction.
- Carefully crafted design features improve ergonomics for technicians.
- A fresh scanner design offers a more pleasant patient experience.



## CT Series

### NeuViz 16 Essence

High-end CT Technology Made Affordable

- Reduce patient dose without compromising image quality with ClearView iterative reconstruction.
- Achieve high resolution images of sub-mm coverage with our 32-row detector design.
- Image large range vessels and multi-phase procedures with the high heat capacity of 5.3MHU tube.
- Comfortably accommodate a larger patient population with the 72cm gantry opening.
- Leverage our full range of advanced clinical applications from our powerful workstation.

### NeuViz 16 Classic

Proven, Cost-effective Performance

- Advanced low dose features such as O-Dose and ClearView iterative reconstruction safely deliver diagnostic quality.
- Operate efficiently with our 32-row, 20mm wide detector.
- Improve patient throughput with continuous exposure from the powerful 4.0MHU tube.
- A robust AVW offers advanced image analysis and processing capabilities as well as intuitive workflow guidance.





## 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 Rena

Optimized Results

NEW

- **Fiber Distributed Spectrometer of the Boundless Platform**
- **Full-digital Gradient Chain of the Boundless Platform**  
Super-high Gradient strength 46mT/m
- **All-rounder of the Boundless Platform**  
MUSIC HDDWI Technology  
VAST 3D isotropic high resolution imaging  
Deep R AI acceleration technology  
Fast BrainQuant  
LiverQuant for Liver  
KneeQuant for joints



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# MRI Series

## NeuMR 1.5T

Value Powered by AIM  
(Acme Imaging Management)

NEW

Working together with you, NeuMR 1.5T is designed to offer friendly interactive experience and streamlined workflow while delivering robust and exquisite imaging to customers. AIM workflow for ease-of-use and fast imaging.

- AIM workflow for ease-of-use and fast imaging.
- AIM platform for stable and reliable imaging.
- DIXON for excellent FS and large-scale imaging.
- BrainQuant for multi-contrasts and quantitative imaging of whole brain.



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## 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

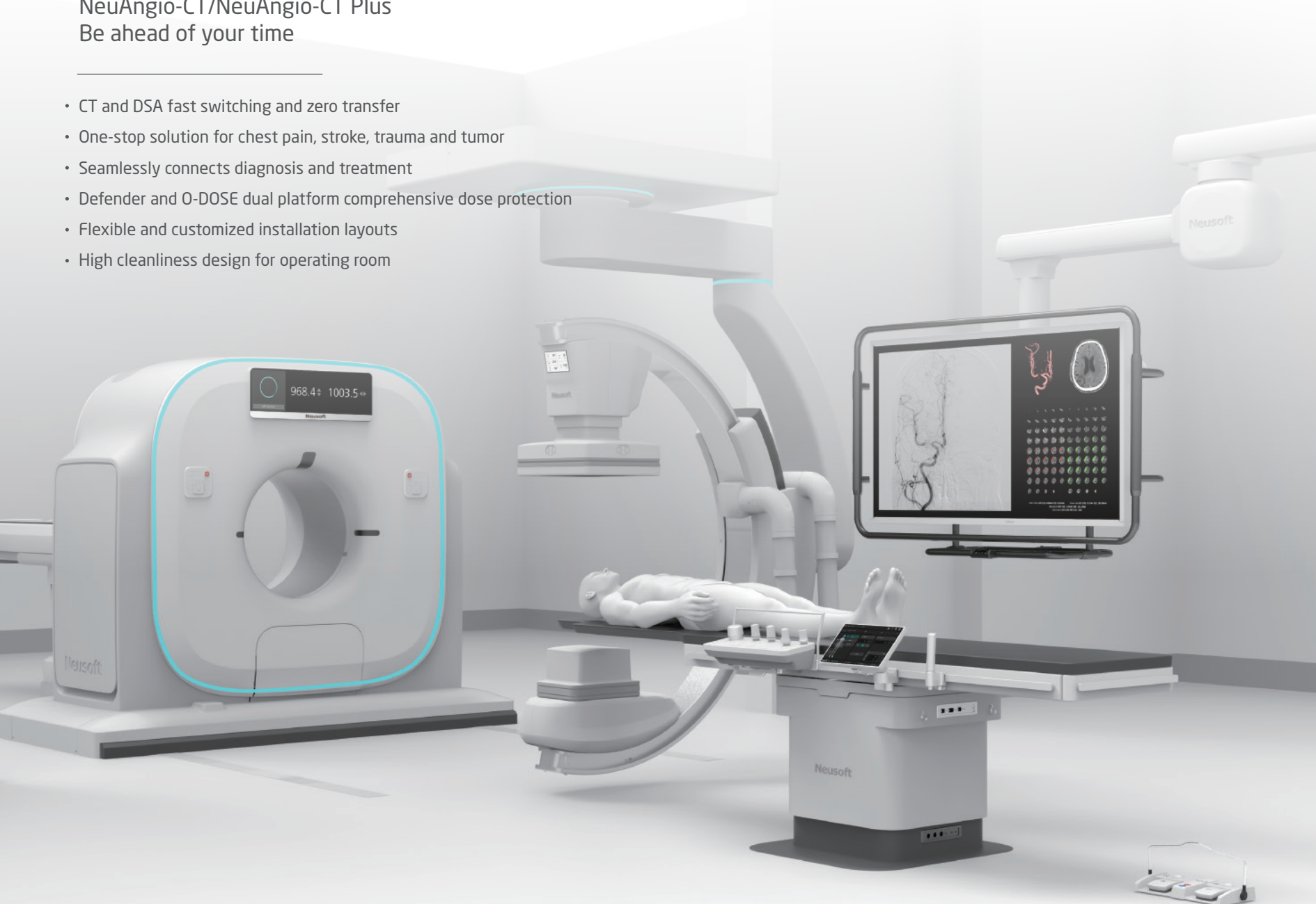
- Hyper speed C-arm gantry, parking and projecting at any position.
- Intelligent D-5 element AEC tube achieves real balance between radiation dose and image quality.
- Full 16bit + 2K digital imaging chain, completing one-stop advanced processing flow of image acquisition, transmission and storage.
- 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 650/680

NEW

#### 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



## NeuVision 550M Plus

Digital Mobile Radiography System

NEW

- Elastic column meet 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 road ensures operating safety and stability.





## 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.



## 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.



# X-Ray Series

## NeuVision 460

### 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
- "Low Dose" algorithm technology: Anatomical parts adaptive dynamic range adjustment. Gray scale coefficient compensation of image ROI. Have a 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 stitch.
- "NeuVision New Era" software system: Based on 64 bit system. Integrative operation system. Intuitive workflow design.





# PET/CT Series

## NeuWise PET/CT

YOU DO LESS , WE DO MORE

NEW

- **Wise-VC**  
360° Panoramic Imaging.  
Real-time motion monitoring.
- **Free Wise**  
Automatically acquire interactive  
information, optimize the collection process.  
Correct respiratory motion artifacts.
- **Smart QC**  
No radioactive source, Zero radiation  
Intelligent optimization, save two-thirds of  
quality control time.



# PET/CT Series

## NeuSight PET/CT

Innovative PET/CT for High Quality Clinical Exploration

- 'Registration Assistant', whole process, real time, intelligent wireless operation.
- Single screen curved workstation (size -21:9); free switching and one-key workflow for automatic quantitative analysis.
- PDR, improves image resolution to diagnose the smallest detail of the disease.
- No need to purchase source, only rely on algorithms and software to complete Daily QC.
- Daily QC without manual labor, single-button control, 5 minutes to complete quality control.







## Ultrasound Series

### NeuEcho 20 Series

- Full range of Single crystal transducers
- Revolutionary framework and innovative hardware
- 21.5" HD medical monitor
- 10.4" customized touch screen
- Adaptive spectrum and color Doppler Technology
- 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 15 Series

- 2nd generation Exquisite beam platform
- 21.5" HD medical monitor
- 10.4" customized touch screen
- Adaptive spectrum and color Doppler Technology
- iScan - one button image optimize automatically
- Innovative beam filter and noise reduction: SCI, FCI, Clear View+, Pulse inverse harmonic, HQ auto Doppler
- Clinical technology: Auto EF, Auto NT, Auto OB, Stress Echo, THI, TSI, Contrast imaging, Elastography
- Articulation type monitor Arm
- Ultrasound remote real time telemedicine (Optional)
- Wide range transducer selection: Single crystal, Micro-convex, Endocavity, etc.



## 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
- 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.

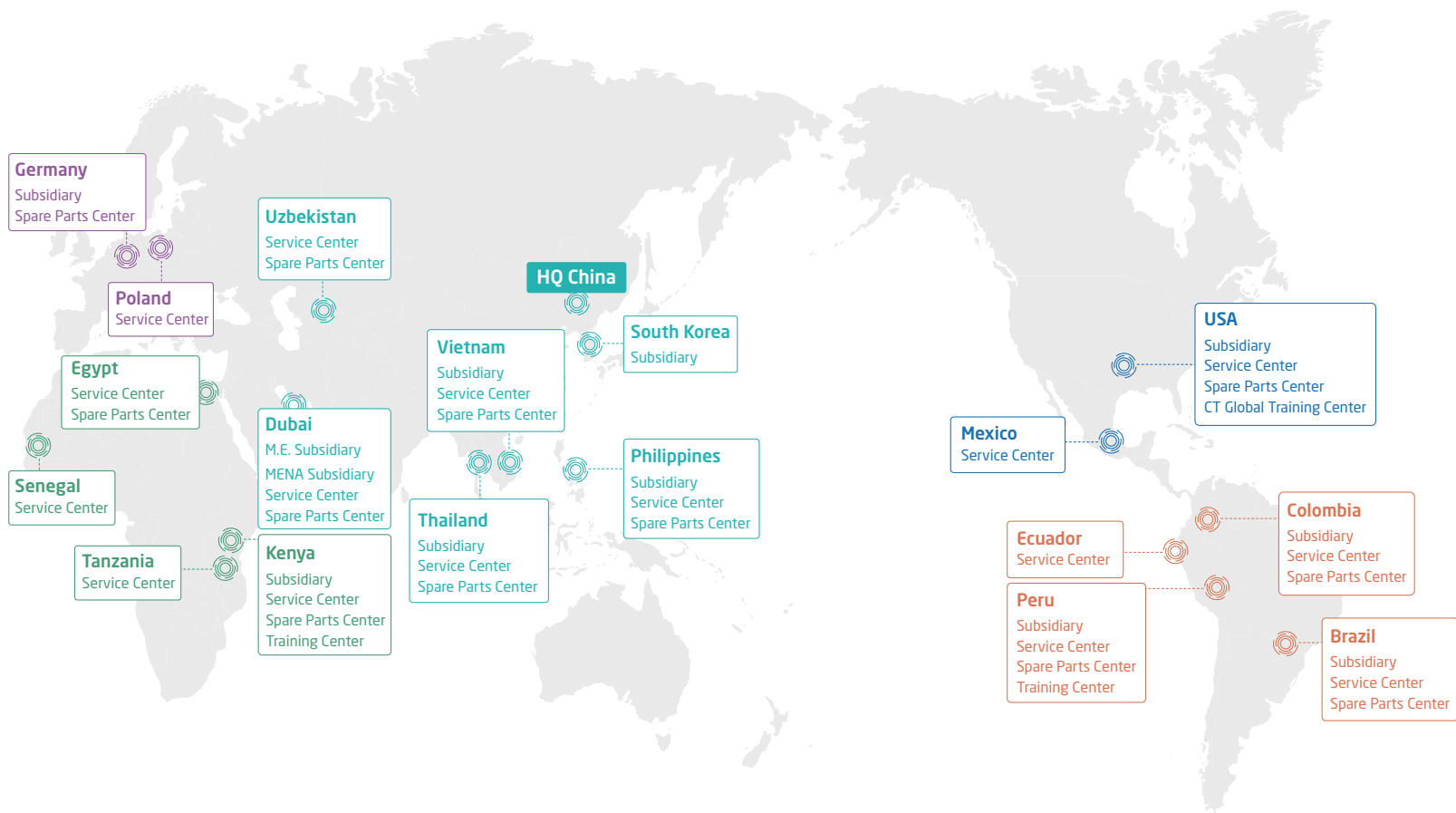
## NeuAI

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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