Discover the Invisible!
VisiConsult GmbH is a family owned company located in Northern-Germany. All our products are developed and produced locally and delivered ready to use. This leads to cutting edge technology and a high flexibility. Our goal is to solve your problems and guarantee a premium post-sales service that never lets you down.

• Sustainability
  ✓ Products with a long lifetime
  ✓ Continuous product development
  ✓ Long term customer care and service
  ✓ Family owned business

• Customer Consulting
  ✓ Independent of hardware suppliers
  ✓ Tailor made solutions

We aim for a 100% customer satisfaction!
VisiConsult Solutions

Non Destructive Testing (NDT)
- Image Enhancement Software
- Standard cabinets
- Custom systems
- Pipe, tank and vessel testing systems
- Computer Tomography (CT) systems
- Mobile systems
- Retrofits and upgrades
- Component counting
- Automatic Defect Recognition (ADR)
- Measurement tasks
- Consulting
- Many years of experience

Security
- Image Enhancement Software
- Completely mobile
- Bomb disposal assistance systems
- Wiretap detection systems
- Consulting for special forces
- Prestigious reference customers
One system – all hardware

The in-house developed image enhancement software supports all kind of image sources. We are not bound to a certain brand and will offer you the best solution and not what we have to sell. Experience the convenience and flexibility!
The Xplus is a cutting edge image enhancement software and can control the whole imaging process from acquisition over calibration, enhancement up to archiving jobs. The software fulfills industry standards like ASTM, Boeing, BMW and many more.

- Comprehensive measurement tools for distances and defect areas
- Assisted resolution verification complying with the Boeing standard
- ASTM reference catalogue for optical verification
- Advanced Makro builder for efficient processes
- Convenient overlay editor via Drag&Drop
- Modular filter designer and many presets
- High performance live image enhancement
Especially industries with very high batch numbers demand for fully automated defect recognition (ADR). The VisiConsult in-house developed ADR is compatible to all image sources and fulfills all international standards like VW, BMW, ASTM etc.

- Text recognition from X-Ray image
- Post-analysis position configurator
- Offline configurator
- Compatible to all image sources
- Highly customizable sequences
- Intelligent noise reduction
- Overlays and archiving
- Result of 18 years experience
- Fulfills international standards
XRH111 ECO – The simple

- Complete image enhancement functionality
- Basic design to reduce costs
- 4-Axis manipulator
- Fast setup, mobile and space-saving design
- Perfect system for cost sensitive markets

- Energy (max.) : 160 kV/ 225 kV
- Object size : Ø400mm x 600mm height
- Object weight : 25 kg max.
- Cabin size (WxDxH) : 1530(2000)mm x 1400(2100)mm x 2310mm
- Cabin weight : 3000 kg
- Travel X-axis : 400 mm
- Travel Y-axis : 330 mm
- Travel Z-axis : 600 mm
- Tilt X-axis : 0 – 20°
- Rotation Z-axis : 360° multturn
- Extension drawer : 400 mm (manual)
- FDD : 1150 mm
- Magnification : 1,3 - 2,1
Capable of Computer Tomography (CT)
Super precise propulsion technology
4-Axis manipulator
Fast setup, mobile and space-saving design
Capable of Automatic Defect Recognition (ADR)

- Energy (max.): 160 kV/ 225 kV
- Object size: Ø400mm x 600mm height
- Object weight: 25 kg max.
- Cabin size (WxDxH): 1650(2250)mm x 1450mm x 2300mm
- Cabin weight: 3500 kg
- Travel X-axis: 415 mm
- Travel Y-axis: 430 mm
- Travel Z-axis: 640 mm
- Tilt X-axis: -20° – 20°
- Rotation Z-axis: 360° multiturn
- Extension drawer: 400 mm
- FDD: 1200 mm
- Magnification: 1,3 - 2,5
XRH222 – The standard

- Up to 450kV and optional XL version
- Can operate fully automatic (ADR)
- 5-Axis manipulator
- Bigger loading space and weight
- Native CT capability

<table>
<thead>
<tr>
<th></th>
<th>XRH 222</th>
<th>XRH 222 XL</th>
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<tbody>
<tr>
<td>W x D x H:</td>
<td>160 kV (optional 225 kV)</td>
<td>160 kV (optional 225 kV)</td>
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<tr>
<td></td>
<td>2800 x 2100 x 2750 mm</td>
<td>2800 x 2500 x 3250 mm</td>
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<tr>
<td>Weight:</td>
<td>5000 kg (6000 kg)</td>
<td>7000 kg (8000 kg)</td>
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<tr>
<td>Max. part diameter x height:</td>
<td>Ø 650 mm x 900 mm</td>
<td>Ø 900 mm x 1500 mm</td>
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<tr>
<td>Max. part weight:</td>
<td>60 kg (optional 120 kg)</td>
<td>60 kg (optional 120 kg)</td>
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<tr>
<td>C-Arm</td>
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<td></td>
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<tr>
<td>Distance panel / tube:</td>
<td>1200 mm</td>
<td>1200 mm</td>
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<tr>
<td>Door opening (WxH):</td>
<td>800 x 1800 mm</td>
<td>1000 x 2300 mm</td>
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XplusCount – The revolution

- Up to 400mm x 100mm and 10kg of weight
- Scan with or w/o ESD packaging
- Less than 1% inaccuracy
- Detail detectable from 64µm
- Multitouch PanelPC
- Automatic drawer for easy loading and unloading
- Designed for 24/7 operation
- Active cooled 90kV X-Ray source
- Small setup area: 220 x 120 x 80 cm
- Weight: approx. 980 kg
- Barcode scanner
- Reporting and statistic functions
RobotStar – The fast

- Operates fully automatic (ADR)
- Very short cycle time through star layout
- Up to 225kV
- 7-Axis manipulator with very high accuracy
- High positioning tolerance through virtual repositioning
- Prestigious reference customers (automotive)
XRH Gantry – The versatile

- For large and heavy objects
- Source-detector distance and height adjustable
- Up to +/- 30 degree pivoting
- Installed in bunker or with cabinet
- Size completely scalable
- Ideal for heavy casting parts, tanks, pipes or other big objects
- Free combination of X-Ray source and detector
- Up to 450kV
XRH Pipe/Tank – The big

**XRH Pipe:**
- Operates fully automatic (ADR)
- Length up to 18m, diameter from 10”-80”
- Wall-thickness up to 70mm of steel
- Spiral- and longitudinal welds

**XRH Tank/Vessel:**
- Length up to 9m for each half (18m total)
- Complete tank checking through manhole
Ammunition – The save

Example Tasks:
- Measurement of intrinsic components
- Completeness or positioning testing
- Density test and many more…

✓ Safe handling of explosive material
✓ Fulfills international military standards
✓ Developed with leading armament suppliers
✓ Detection tasks completely customizable
Special systems

VisiConsult is worlds leading supplier of custom X-Ray systems. We offer tailored solutions for your problems! Developed and engineered in Germany we fulfill the highest industry standards. We love new challenges and are proud of every satisfied customer!

- Long experience in the development of custom systems
- Developed and produced in Germany
- Reliable post-sales service
- Long list of reference customers
Retrofit

- Automation of existing systems (ADR)
- Servicing of abandoned cabinets
- Implementation of new technologies
- Usage of existing hardware (“Recycling”)
- Low invest costs compared to a new system
- Done at customer site, no transportation needed
Mobile NDT Solutions

For applications like power plants, pipelines, chemical industries and many more VisiConsult offers a rugged mobile testing system supporting all available technologies.

- Highly portable
- Flash tubes, continuous tubes, linear accelerators, Isotopes
- Complete image enhancement in-field
- Flexible choice of detector type (FPD, CR)
VisiConsult offers highly mobile X-Ray solution for public security. Our systems are used by special forces, border polices, armies or secret services and many more.

- **Highly mobile**
  - Whole system in a backpack under 28kg
  - Battery runtime 4-6h
  - One man handling
  - WiFi connection

- **Robust**
  - Wide temperature range
  - Ruggedized components

- **Image Quality**
  - Flexible image source/detector choice
  - Complete image enhancement in-field
VisiConsult – About us

- 28 employees
- Comprehensive X-ray Lab (incl. CT) up to 450kV
- 2014 ~4 Mio. Euro turnover
- Family owned business
- Founded 1996
- Development of complex X-Ray systems

Milestones
- 2015 additional production area (850m²)
- 2010 own site in Stockelsdorf (360m² office, 500m² workshop)
- 2006 in the rooms and in cooperation with a local machine builder
- 2003 located at Technikzentrum Lübeck
- 1996 VisiConsult was founded by Mr. Hajo Schulenburg

Hajo Schulenburg’s achievements pre VisiConsult from 1996 – 2002 at Seifert (now GE)
- Software development: SABA, Vistaplus, Vistaplus II, Vistaplus III
- Mechanical systems: Xcube, DP351, DP600, Custom systems