Intelligent imaging
I meet up to 30 patients every day and I want to provide the best possible care for all of them. High quality images contain the answers I need for accurate diagnoses and individually tailored treatments.

Peter Jansson, MD Radiology
Praktikertjänst Clinic, Stockholm Sweden
All our products offer true adaptive image enhancement in real time. All based on intelligent algorithms that analyze each pixel/voxel in its context in every frame. The algorithms distinguish and enhance true clinical information while simultaneously suppressing noise and other artifacts. This results in an excellent image quality and highest diagnostic confidence.

Our products deliver unsurpassed image quality and optimized performance for all types of ultrasound systems and applications. They also offer the flexibility to meet individual preferences of customers.

With our continuous development and innovative technology, ContextVision offers you a leading position in ultrasound – today and tomorrow.

Ultrasound 2D/3D/4D

We offer you world leading image quality, and you offer clinicians the highest diagnostic confidence. The ContextVision product portfolio provides state-of-the-art image enhancement and visualization for 2D/3D/4D ultrasound.
US PlusView™ 2.0

Unsurpassed image quality in every exam

Our versatile product is designed to meet the needs of all clinical application areas.

Obstetrics & Gynecology | Fetal head

General Radiology | Liver

Cardiology | Heart

Point of Care | Carotid artery

UNPROCESSED
PROCESSED WITH US PLUSVIEW 2.0
UNPROCESSED
PROCESSED WITH US PLUSVIEW 2.0
UNPROCESSED
PROCESSED WITH US PLUSVIEW 2.0
UNPROCESSED
PROCESSED WITH US PLUSVIEW 2.0
World leading 2D image enhancement

**FEATURES**
- Intelligent noise reduction
- Excellent contrast and edge enhancement
- Targeted enhancement of anatomical features
- Dedicated near and far field filtering
- Advanced temporal filtering without motion artifacts
- Advanced homogeneity filtering

**BENEFITS**
- Clear tissue differentiation
- Sharp organ margins and boundaries
- Excellent tissue uniformity
- Efficient line connectivity and thin line preservation
- Fluids represented distinctly black

**PLATFORMS**
- Available on CPU and GPU
- Supported on Windows and Linux platforms

---

**VolarView™**

**FEATURES**
- State-of-the-art image enhancement for handheld ultrasound devices
- Supported on iOS/Android/Windows platforms

---

**Customization for preferences**
Our versatile algorithm design enables product customization to meet various image preferences.

---

Examples of customization | Carotis

**EXAMPLE 1**

**EXAMPLE 2**
GOPiCE® 2.0
True volumetric image enhancement in real time
Our unique 3D technology provides unsurpassed image quality in both MPR and rendered views.

GOPiCE 2.0 increases detail resolution and spatial resolution, and decreases noise and artefacts, simultaneously in all planes. High image quality is also achieved in the challenging C plane.
Why GOPiCE 3D/4D image enhancement?

**FEATURES**
- Full 3D contextual analysis of each voxel in real time
- Adaptive enhancement in all dimensions in real time
- Intelligent noise reduction reveals “hidden” information by using data from all dimensions
- Excellent edge and contrast enhancement
- Advanced homogeneity filtering
- Dedicated near and far field filtering
- Customized for different rendering and visualization techniques

**BENEFITS**
- Clear organ boundaries, tissue differentiation and fluid visualization
- High visibility in deep tissue
- Excellent image quality for all MPR views (A, B and C plane)
- Structures in all dimensions are clearly visible in arbitrary planes
- Confidence in 3D image quantification and analysis

**PLATFORMS**
- Available on CPU (off-line processing) and GPU (real time processing)
- Supported on Windows platforms

With GOPiCE 2.0, rendered surfaces will be clean and accurate

Tools
Our tools offer a smooth workflow and efficient optimization of image quality.

**Doctor’s Interface**
*(available for US PLUSView 2.0 and GOPiCE 2.0)*

Doctor’s Interface is an SW library which allows the manufacturers to create a user interface to optimize image features on each individual ultrasound unit.

**Tuning tool**
*(available for US PLUSView 2.0 and VolarView)*

Tuning tool with an advanced GUI allows the manufacturers to optimize image features and generate new system settings for the ultrasound system.
REALiCE®

3D/4D rendering and visualization – true to reality
The versatility of REALiCE offers customization of views for all clinical needs and preferences.

Views

- Photographic View
- Surface View
- Transparent View
- Skeletal View
- Depth View
Rendering and visualization – approaching reality

**FEATURES**
- High resolution volume rendering – no downsampling
- True-to-data visualization – no approximations
- Customized views for all clinical needs and preferences
- Advanced rendering and MPR tools for efficient workflow
- Unique combination of advanced 3D image enhancement, scan conversion, rendering and visualization

**Rendering tools**
Pan, Rotate, Zoom, Free light source positioning, Threshold, Translucency, Advanced cropping enabling scanning through the volume.

**MPR tools**
Simultaneous navigation in MPR planes, Interactive rotate, Zoom, Pan, ROI, Easy navigation with arbitrary cut planes, Adjustable thick slice function.
We offer you more than 30 years of experience in medical imaging through state-of-the-art products and professional support.

With a versatile and configurable design, ContextVision’s products are customized for all needs for different clinical applications and customer preferences.

All ContextVision products are designed for seamless integration. The products are delivered as an SDK containing a .dll file together with parameter files (xml files). The parameter files control the settings of the image features of the algorithms.

With our continuous development and innovative technology, ContextVision offers you a leading position in ultrasound – today and tomorrow.

Contact ContextVision for more information about the best solution for your needs, or visit our website at www.contextvision.com.
At your service. Every day. All over the world.

ContextVision is a medical technology software company that specializes in image analysis and artificial intelligence. As the global market leader within image enhancement, ContextVision is a software partner to leading medical imaging manufacturers around the world. Its cutting-edge technology helps doctors accurately interpret medical images, a crucial foundation for better diagnosis and treatment.

As an industry pioneer for more than 30 years, ContextVision has developed state-of-the-art capabilities in the latest artificial intelligence technologies. By combining these with its well-established GOP technology, the company is introducing a new generation of image enhancement products. ContextVision is also approaching the growing digital pathology market with new AI-based decision support tools for pathologists.

The company is based in Sweden, with local representation in the US, Russia, Japan, China and Korea. ContextVision is listed on the Oslo Stock Exchange under the ticker COV.

FOR MORE INFORMATION, PLEASE VISIT WWW.CONTEXTVISION.COM