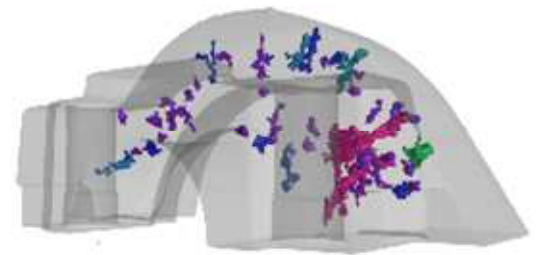


# COMPUTED TOMOGRAPHY

## 3D RECONSTRUCTION AND ANALYSIS

VisiConsult offers a sophisticated Computed Tomography (CT) suit for advanced 3D inspection. Most of our cabinets like the **XRH111** support CT natively. This modular approach makes it possible to upgrade those systems even years after installation, if the need for a CT inspection suddenly appears. To provide our customers the maximum flexibility our cabinets are also capable of manual inspection, automated CNC control and Automated Defect Recognition (ADR). Switching between the modes is done effortlessly without any downtimes. This leads to an increased system utilization and saves investment costs for multiple inspection systems.

- Seamless integration to the handling system
- Fast acquisition through VisiConsult **QUICKscan**
- Inline 3D inspection with Automated Defect Recognition (ADR)
- High accuracy analyses of reconstruction
- Sophisticated algorithms for automatic image enhancement



In every day operations simplicity is the key. To ensure an efficient workflow the image acquisition is a native feature of the **Xplus Handle**. The reconstruction and analysis takes part in the renown VGStudio, which is the industry standard. Typical applications are actual-nominal comparison, porosity analysis, measurement and CAD comparison. Combined with a robot even complex 3D ADR inline inspections become reality.

To achieve the shortest cycle time image acquisition, reconstruction and remote monitoring are parallelized. This leads to a high system utilization and perfect inspection workflow for the operator. As VisiConsult delivers custom systems we can adapt our systems to your processes and not the other way around. Inquire us for comprehensive information or a consulting.

