

# SCANCO MEDICAL

## Clustering

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SCANCO Medical uses OpenVMS, a highly reliable, multitasking, real-time operating system that provides integrated, proven support for clustering. In an OpenVMS cluster multiple computers connected via Ethernet share resources such as processors and disks to balance workload.

For microCT systems, clustering ensures that reconstruction and 3D analysis tasks are distributed automatically among several computers, avoiding bottlenecks where a single computer is overloaded while others are idle. From a user's perspective the cluster is invisible: interactive tasks can be performed at any clustered computer.

OpenVMS's clustering capability protects your investment in computing hardware for your microCT system. New and old computers are combined to form a single cluster, seamlessly expanding your data analysis capacity.

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