

PRESS RELEASE

Seamless Integration of Digital Room Capture and MEP Planning

Ascheberg/ Puch bei Hallein, May 8, 2025 – The combination of the Metaroom room scanning platform and the DDScad planning software now enables MEP professionals and planners to capture rooms in 3D within minutes and immediately begin planning the building systems based on this data. To achieve this, the software companies Amrax and Graphisoft developed a joint interface that ensures the smooth transfer of 3D models created with Metaroom into DDScad, a versatile tool for MEP planning. This allows users to save significant time and reduce errors when creating building layouts and models. The partners will showcase the new workflow and the many benefits of the software combination in a free webinar on May 21, 2025, at 3:00 PM (CET).

The seamless interaction between the applications allows professionals to focus more on actual planning tasks. Using the Metaroom Scan App, MEP professionals can capture any room, floor, or building with their Apple Pro mobile device. The app automatically generates true-to-scale 2D floor plans or CAD-ready 3D models. The Metaroom workspace can then be used to mark important areas and elements or to add additional objects to the 3D model with AI assistance. Spaces can be defined and snapshots of room areas taken during the scan can be enriched with additional information and notes. Compared to manual measurement methods, Metaroom can save up to 90% of the time.

Building data captured with Metaroom is transferred to DDScad via the open IFC (Industry Foundation Classes) file format. Based on the imported 3D model, complete MEP systems can be designed – from electrical engineering to HVAC systems and safety technology. A wide range of professional functions as well as integrated automated calculation and validation routines support this process. In addition, the OPEN BIM-compatible planning software offers powerful visualization tools for high-quality presentations of planning results and ensures comprehensive and legally compliant documentation.

During the webinar – tailored specifically to MEP professionals – speakers from both companies will explain the entire workflow using a real-world example: from scanning and model editing to import and use within the MEP solution. Participants will also receive valuable tips for using the software combination in their daily work. [Registration is available here](#). The webinar will also be made available afterward as an on-demand video at: <https://amrax.ai/en/webinars>.

For more information about the software solutions and services from Amrax and Graphisoft, visit: www.amrax.ai, www.graphisoft.de, and www.graphisoft.at.



The combination of DDScad and the Metaroom Scan App enables users to capture rooms digitally within minutes and continue working directly in the MEP planning tool.

Image: Amrax/Graphisoft

About Metaroom by Amrax

Amrax, the company behind Metaroom, specializes in AI-powered 3D scanning technologies and provides accessible tools for spatial digitization. Its flagship product Metaroom is revolutionizing the way buildings are scanned and modeled, enabling a smarter and more connected world. The platform supports 20+ export formats and includes optimized interfaces for Archicad and DDScad. More information: www.amrax.ai

About DDScad

The DDScad product family offers users intelligent tools for electrical and HVAC planning, integrated calculations, and comprehensive documentation of all building systems. With its BIM software solutions, engineering and trade companies can plan and execute high-quality MEP projects on time and within budget. All DDScad products support OPEN BIM, ensuring transparent workflows and continuous data availability. This also contributes to the longevity of built systems.

About Graphisoft

Graphisoft® empowers teams to create great architecture through award-winning software solutions, training programs, and professional services for the AEC/O industry. Archicad® is the BIM software of choice for architects and provides a complete, seamless design and documentation workflow for architecture and engineering practices of all sizes. BIMx®, the most popular mobile and web BIM app, extends the BIM experience and enables all project stakeholders to participate in the design, construction, and operation lifecycle. BIMcloud®, the AEC/O industry's first and most advanced cloud-based team collaboration solution, enables real-time collaboration worldwide – regardless of project size or the speed and quality of the team's network connection. Graphisoft is part of the Nemetschek Group. Learn more at www.graphisoft.com

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