

PRESS RELEASE

Connecting Digital Processes – Metaroom Now Directly Linked to RED CAD

Puch Urstein, June 17, 2025 – The new interface between **Metaroom** and **RED CAD** is transforming the way building services engineers work in the fields of electrical, plumbing, HVAC, and fire protection planning. What once required hours of manual labor – measuring tape, sketches, post-processing – can now be done with a single scan. Doors, windows, and room structures are automatically detected and transferred as editable elements. This integration is especially valuable for engineering offices dealing with numerous renovation projects that aim to digitize existing buildings and save time.

From site to plan in minutes: With the new Metaroom interface, professionals can now save hours on every project.

Instead of a tape measure and sketchpad, all you need is an iPhone or iPad Pro. Using the Metaroom app, existing spaces can be digitally captured in just a few minutes – precise, structured, and complete. These room data can now be directly processed in RED CAD. Thanks to a DXF export optimized for RED CAD, all relevant measurements and objects end up exactly where they're needed: in the CAD system. This seamless transition from capture to technical planning not only saves time but also reduces transfer errors and the need for manual rework.

Metaroom is a platform for fast and accurate digital capture of interior spaces. With the Metaroom Scan App, rooms can be scanned in minutes using a LiDAR-enabled iPhone Pro or iPad Pro – no expensive hardware or special training required. The automatically generated 3D models or 2D floor plans are then available in the cloud-based Metaroom Workspace in CAD-compatible export formats for further processing in leading design and planning tools. The platform is used across industries including MEP (Mechanical, Electrical, Plumbing), architecture, real estate, and skilled trades.

“No one who plans rooms should still have to measure them manually. With Metaroom, we digitize the measurement process – and make it seamlessly usable in tools like RED CAD. It saves time, reduces error sources, and brings real efficiency to daily planning,” says **Martin Huber, CEO of Metaroom by Amrax**.

Importing Metaroom scans into RED CAD – a well-established CAD tool for MEP planning – results in tremendous time savings, especially in renovation projects. The browser-based RED CAD platform enables easy and practical floor plan editing based on real-world building data.

“Our users get reliable room data at the push of a button and can continue working in RED CAD immediately. That means less effort, more productivity,” explains **Sabine Bamberger, CEO of RED CAD**.

The new interface between Metaroom and RED CAD is available now. For more information, interested users can join the joint webinar hosted by RED CAD and Metaroom, where the end-to-end workflow from scan to plan will be demonstrated.

Webinar date: June 26, 2025

Time: 3:00 PM (CEST)

Registration and details: <https://amrax.ai/webinars/redcad-webinar/>

Language: German, subtitles are available

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 RED CAD

RED CAD is a modular CAD software solution from Switzerland, developed specifically for professionals in electrical, plumbing, HVAC, and building technology. With practical functionality, intuitive usability, and industry-specific modules, RED CAD reliably supports planners in their day-to-day work – from initial design to final construction planning.

More information: www.redcad.ch