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Nemetschek Group Announces Major Paradigm Shift for Building Industry

- **New workflow solution to create agile design teams**
- **Next evolution of model-based collaboration between architects, structural engineers, and MEP engineers**
- **Development pioneered by GRAPHISOFT, RISA, SCIA**

Munich, July 8, 2020 - The Nemetschek Group, one of the leading software providers for the building industry, today announced its next-generation workflow solution, *Integrated Design*, at GRAPHISOFT's Building Together digital event. The solution presents a *paradigm shift* for the building industry, enabling architects, structural engineers, and MEP engineers to increase

collaboration by working as agile teams.

According to recent studies, the productivity of the construction industry grew by only one percent annually over the last 20 years. As a result, the industry lags far behind other sectors. In addition, cost or time overruns occur in a large majority of projects. The lack of productivity gains and the inefficiencies are partly due to the loose connection between the different professions, who typically work on their own dataset separately. In the design process of a building, currently 30 percent of the time is spent on coordination between architects, structural and MEP engineers, energy experts, and others.

“We must challenge the traditional processes of our industry to improve. Our vision is to help design professionals move from an asynchronous, data-protective way of working to agile cross-disciplinary teams, where they share all essential project information in real-time,” said Viktor Várkonyi, Chief Division Officer of the Planning & Design Division and member of the Executive Board of the Nemetschek Group, at the Building Together digital event. “For instance, instead of perfecting collision detection, why not invent processes that avoid those collisions occurring? Our technology will enable our customers to spend the majority of their valuable time on the creative design process.”

Led by [GRAPHISOFT](#), [RISA](#) and [SCIA](#), numerous brands of the Nemetschek Group have been involved in the development of this multidisciplinary teamwork environment. “Our Group approach of putting customers first and driving open standards and interoperability has formed the basis for this innovation,” Viktor explained.

“With this new integrated approach, architects, structural engineers, and MEP engineers can work together on design processes, in a more cross-functional, interactive, and collaborative manner,” explained Huw Roberts, CEO of GRAPHISOFT. “It is exciting to see how the Nemetschek Group brands joined forces in developing this next-generation tool.”

With the BIM working method as a joint database, all disciplines work on their own tasks and parameter sets in a centralized model. “Model duplication should be a thing of the past,” said Amber Freund, CEO of RISA. “Architects and engineers can work as one integrated multidisciplinary team and with real collaboration. This will allow them to present fast decisions focusing on

customer needs,” added Hilde Sevens, CEO of SCIA.

“The *Integrated Design* workflow will significantly change the way architects and engineers work together,” says Viktor. “The result will be great buildings delivered on time and on budget – a novelty for the building Industry.”

About GRAPHISOFT

[GRAPHISOFT](#)® empowers teams to create great architecture, through award-winning software solutions, learning programs, and professional services for the Architecture, Engineering, and Construction industry. Archicad®, the architects’ BIM software of choice, offers a complete end-to-end design and documentation workflow for architectural and integrated architectural and engineering practices of any size. BIMx®, the most popular mobile and web BIM app, extends the BIM experience to include all stakeholders in the building design, delivery, and operations lifecycle. BIMcloud®, the AEC industry’s first and most advanced cloud-based team collaboration solution, makes real-time collaboration possible across the globe regardless of the size of the project and the speed or quality of the team members’ network connection. GRAPHISOFT is part of the Nemetschek Group. To learn more visit www.graphisoft.com

About RISA

RISA has been developing leading-edge structural design and optimization software for over 30 years. Our products are used by 24 of the top 25 US design firms in over 70 countries around the world for towers, skyscrapers, airports, stadiums, petrochemical facilities, bridges, roller coasters and everything in between. The seamless integration of RISA-3D, RISAFloor, RISAFoundation, RISAConnection, RISA-2D and RISASection creates a powerful, versatile, and intuitive structural design environment, ready to tackle almost any design challenge.

With RISA’s versatile modeling environment and intuitive graphic interface, you can model any structure from bridges to buildings in minutes. Get the most out of your model with advanced features such as moving loads, dynamic analysis, and over 40 design codes. With RISA, structural design has never been so thorough or easy.

About SCIA

Founded in 1974, SCIA has become one of the world's leading developers of structural design and analysis software that supports the Open BIM process. SCIA is a wholly owned subsidiary of the globally operating [Nemetschek Group](#), a leading global software provider for the Architecture, Engineering and Construction market (AEC) and the only corporate group covering the entire lifecycle of construction and infrastructure projects, currently counting over 5 million customers worldwide. SCIA's core purpose is to help users to create their best structural designs. To do so, the company provides powerful, cutting-edge software through a continual process of improvement, innovation, and customer input.

SCIA Engineer is an integrated, multi-material structural analysis and design software for all kinds of structures. Its wide range of functionality makes it the ideal partner for the design of office buildings, industrial plants, bridges or any other project, all within the same easy-to-use environment. The software is powered by SCIA's dedicated and passionate team of structural engineering devotees. SCIA Engineer supports Open BIM and is IFC certified for import and export.

About the Nemetschek Group

The Nemetschek Group is a pioneer for digital transformation in the AEC industry. As the sole corporate group worldwide, Nemetschek covers the entire life cycle of building and infrastructure projects with its software solutions and guides its customers into the future of digitalization. With intelligent and innovative software solutions, the Nemetschek Group increases quality in the building process and improves the digital workflow of all those involved in the building process. This revolves around the use of open standards (Open BIM). The innovative solutions of the 16 brands in the four customer-oriented divisions are used by around six million users worldwide. Founded by Prof. Georg Nemetschek in 1963, the Nemetschek Group today employs more than 2,800 experts.

Publicly listed since 1999 and quoted on the MDAX and TecDAX, the company achieved a preliminary revenue amounting to EUR 556.9 million and an EBITDA of EUR 165.7 million in 2019.

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