BIM
IN AN INSTANT

ARCHICAD 23 delivers an even more responsive BIM performance by increasing the speed of everyday design and editing processes, and ensuring uninterrupted routines for the most frequently used tasks. The brand-new Opening Tool and the advanced Column and Beam tools further increase modeling accuracy, enabling fast editing and streamlined, error-free, interdisciplinary design coordination. The ARCHICAD-Solibri connection provides fast and automated constructability checking. The ARCHICAD-dRofus connection helps to capture and organize client planning requirements, even when designing large and complex projects.

Modeled in ARCHICAD, inspired by: Geisel Library
University of California, San Diego, U.S.A.
Architect: William L. Pereira & Associates

COORDINATION

VOIDS, NICHES AND RECESSES FOR BOTH ARCHITECTS AND ENGINEERS

ARCHICAD 23 introduces a new Opening Tool dedicated to modeling and coordinating project design voids, recesses and niches — as horizontal, vertical or slanted openings across elements, element groups or even across stories.

Such openings are important for project coordination as they are equally relevant for architects, engineers and consultants, and must be documented by both architects and engineers. Openings can be modeled, scheduled and documented using intuitive tools, and shared using IFC.
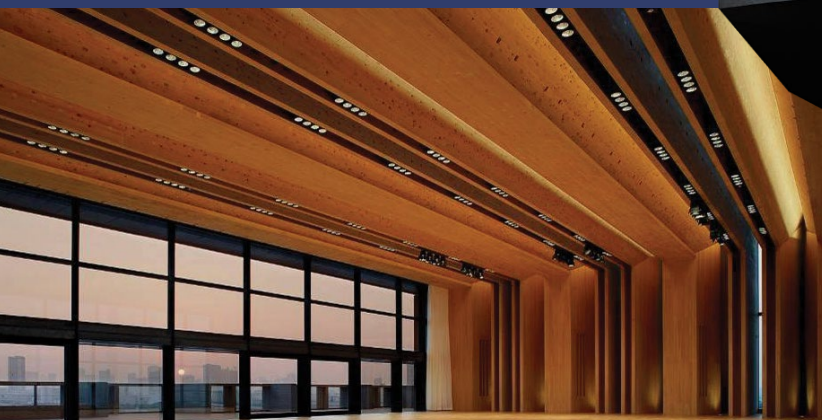
DESIGN

ACCURATE MODELING, INTUITIVE EDITING, PRECISE DOCUMENTATION

ARCHICAD 23 enables architects to model fast and accurate construction details and quantity estimations for reinforced concrete, complex steel, timber, and composite beams.

Complex columns and curved, haunched and castellated beams can now be customized to meet graphic and representation standards. Beams and columns can be displayed using various projected and symbolic views and cover fills.
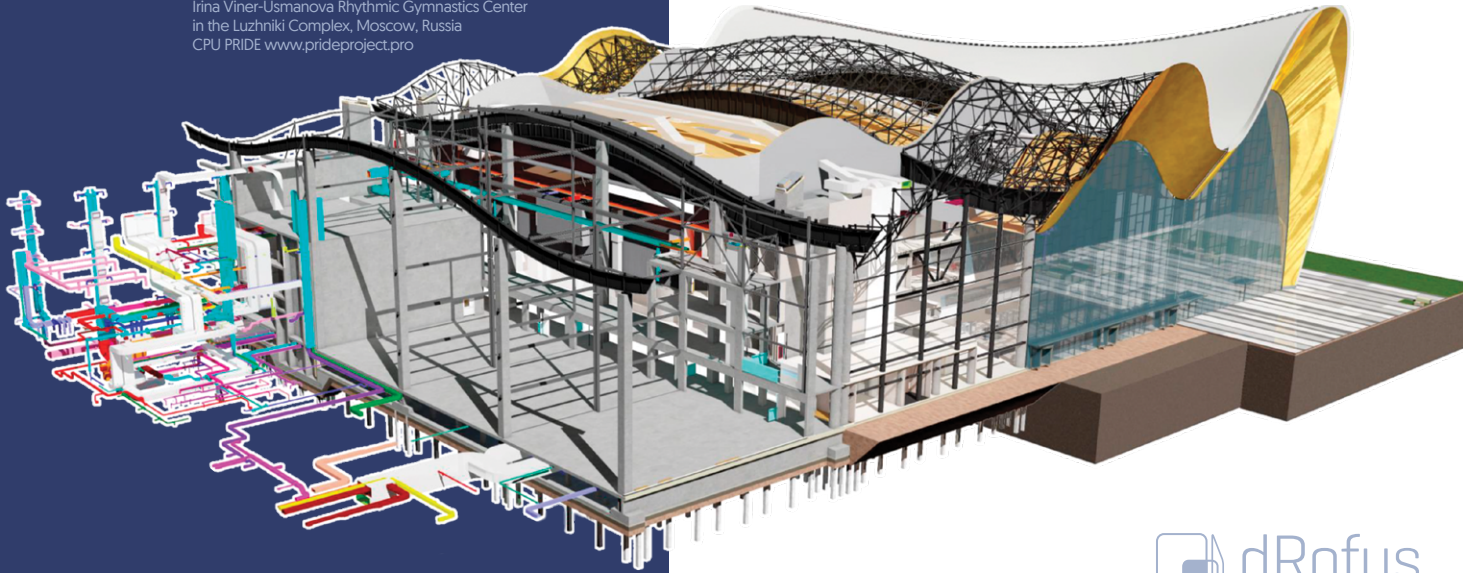
Mokuzai Kaikan | Tomohiko Yamanashi, NIKKEN SEKKEI Architectural Design, Tokyo, Japan
Photo: Harunori Noda/Gankosha

PATH
ARTechnic architects / Kotaro Ide
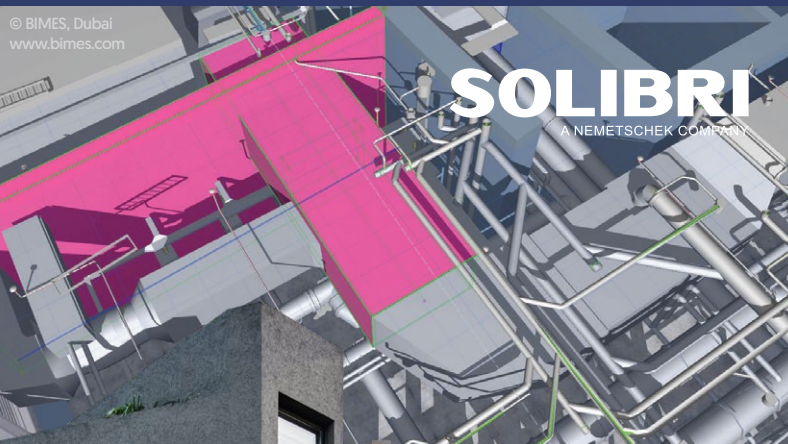Photo: Nacasa & Partners Inc.

Irina Viner-Usmanova Rhythmic Gymnastics Center
in the Luzhniki Complex, Moscow, Russia
CPU PRIDE www.prideproject.pro

COLLABORATION

WORK SMARTER
NOT HARDER

The ARCHICAD-Solibri connection provides fast and automated code- and constructability checking. The updated add-on automatically detects and sends only those elements that are changed in the ARCHICAD model, resulting in faster round-trip collaboration. BCF-based issue reporting was introduced to this workflow, enabling designers to assign the detected issues or solve them later on.
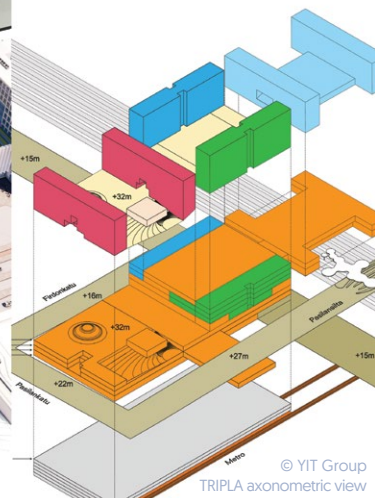
© BIMES, Dubai
www.bimes.com

SOLIBRI
A NEMETSCHEK COMPANY

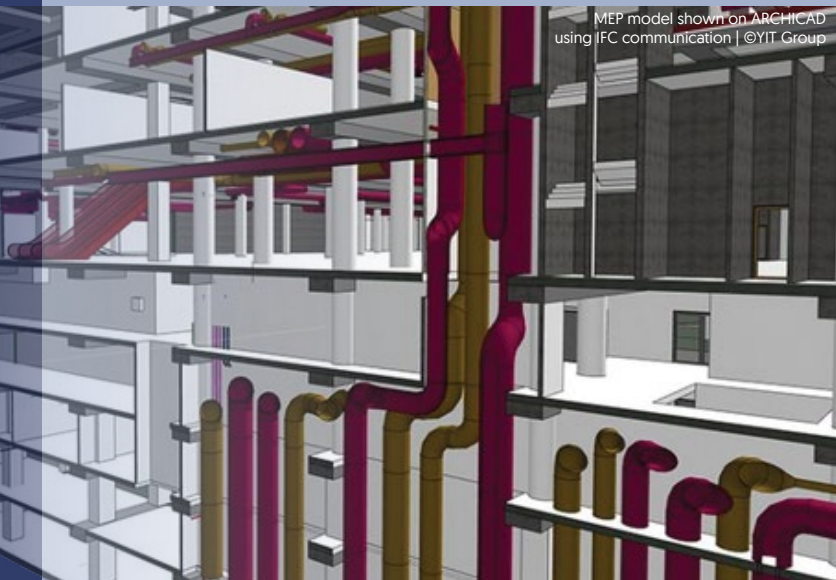**dRofus**
A NEMETSCHEK COMPANY

© YIT Group
TRIPLA axonometric view

ARCHICAD 23 supports the import of Bentley MicroStation's native-, DGN v8 file format. DGN files are typically provided to architects by civil engineers, surveyors, and municipalities and contain information about the building site's surroundings, roads, and utilities. In many cases, the 3D survey models of factories are also made available to architects as DGN files.

ARCHICAD 23 fully supports IFC4 Reference View (its new entity and geometry representation types), and has received official buildingSMART certification for IFC4 Reference View Export.

The ARCHICAD – dRofus connection allows architects to capture and organize client planning requirements and use these to validate and propose design alternatives. The dRofus database enables designers to collect and handle planning rules and design data with ease, even when working on large and complex projects, like hospitals, airports, universities, etc.

Thanks to the live connection between dRofus and ARCHICAD, users can quickly check their design proposal against client requirements; the connection also allows clients to review the design process without using ARCHICAD.

MEP model shown on ARCHICAD
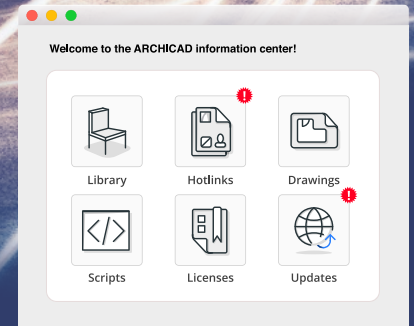using IFC communication | ©YIT Group

PERFORMANCE

FASTER
RESPONSE TIMES

ARCHICAD 23 features faster response times compared to previous versions, as well as an increased focus on seamless and uninterrupted workflows.

Experience faster opening of projects, smaller file sizes, faster IFC import-export, and instant switching between tabs thanks to optimized CPU multi-threading operations. The rebuilding time of model views has been reduced, as ARCHICAD rebuilds only the changed elements, not the entire contents of the view.

Interactive BIMx Hyper-model on a mobile device

Welcome to the ARCHICAD information center!

Library	Hotlinks	Drawings
Scripts	Licenses	Updates

The new Startup Dialog displays the most recent projects; multiple projects can also be opened with one click. Start your work in an instant, without any interrupting messages. Tab previews help activate the desired design views and prevent accidental display of unwanted tabs.

For more details please visit graphisoft.com, or one of our localized websites:

🇦🇺 graphisoft.com.au   🇩🇪 graphisoft.de   graphisoft.lat   🇪🇸 graphisoft.es

🇦🇹 graphisoft.at   🇭🇰 graphisoft.com.hk   🇳🇿 graphisoft.co.nz   🇸🇬 graphisoft.com.sg

🇧🇷 graphisoft.com/br   🇭🇺 graphisoft.hu   🇳🇴 graphisoft.no   🇸🇪 graphisoft.se

🇨🇳 graphisoft.cn   🇮🇹 graphisoft.com/it   🇷🇺 graphisoft.ru   🇺🇸 graphisoft.com

🇩🇰 graphisoft.dk   🇯🇵 graphisoft.co.jp

GRAPHISOFT®
A NEMETSCHEK COMPANY