Trimble Mediaroom

Chartered Institution of Building Services Engineers Establishes Engineering Design Software Verification Process with Trimble Support

Trimble's Stabicad Calculations Modules Receive CIBSE's Software Verification Assessment Certification

SUNNYVALE, Calif., May 6, 2021—Trimble (NASDAQ: TRMB) announced today support for the Chartered Institution of Building Services Engineers (CIBSE), an international professional engineering association focused on the building services industry. The two organizations worked together to develop CIBSE's Software Verification Assessment (SVA), a certification process for software used to create building system designs such as mechanical, electrical and plumbing (M&E). The process checks the quality of calculations performed by M&E design software platforms, assuring design engineers' calculations are in accordance with CIBSE standards.

In order to support CIBSE in developing an independent software certification process, Trimble has worked closely with other industry design software providers, as part of CIBSE's Digital Engineering Steering Group.

As part of the software verification process, Trimble's engineering design software for M&E, Stabicad, now carries the CIBSE SVA certification for its ventilation calculations module and heating & cooling water systems calculations module. These modules are both a first to receive CIBSE certification in the UK. In addition, other Stabicad modules are expected to be assessed later this year.

"Software that is being used to create building services system designs is getting more and more capable of performing calculations," said Carl Collins, head of Digital Engineering at CIBSE and lead behind the development of the SVA. "However, many engineers often wonder whether calculations are correct, especially in the case of new or updated software. To eliminate the need for lengthy and cumbersome testing of software calculations against manual calculations, CIBSE has worked with Trimble as one of the main partners, to create the Software Verification Assessment, or SVA. Through the SVA we can perform these tests and checks for our members. Any calculation bearing the SVA logo can be trusted to perform calculations according to CIBSE methods and provide the results expected."

"Trimble is committed to the digital transformation of the construction industry," said Lawrence Smith, general manager of Trimble's MEP Division. "Trimble's strategy for the construction industry revolves around constructible, connected and content-enabled models. Independent verifications around the quality of data add to our customers? confidence and business result."

Pete Foster is head of Business Analytics Systems Information Connectivity at Exyte Hargreaves UK, a leading construction engineering business. Exyte has taken a prominent role within the CIBSE SVA initiative. "The need to utilize continuous workflows across the design-to-manufacture environment is critical," said Foster. ?Revit is our design platform; however, it requires sophisticated software and content to meet the needs of the M&E industry. Trimble and the Stabicad solution bridge the gap within the overall constructible process, ensuring the data flow exists across these and other solutions and business needs, which makes data quality ever so important."

About CIBSE

The Chartered Institution of Building Services Engineers (CISBE) is the professional body that is committed to creating safe, sustainable living and working environments. CIBSE promotes competence through education, training and professional registration and by delivering up-to-date knowledge of the art, science and engineering of the built environment through its membership networks, publications and research. For more information, visit: cibse.org.

About Exyte Hargreaves

Exyte Hargreaves is a global leader in design, engineering and delivery of facilities for high-tech industries. The company specializes in delivering innovative solutions on complex engineering projects across a range of sectors from nuclear to transport, which includes HVAC and full mechanical and electrical systems, associated structural steelwork and civil engineering. For more information, visit: exyte-hargreaves.net.

About Trimble MEP

Trimble MEP delivers sophisticated solutions that transform workflows from the office to the field. The Trimble Constructible Process allows specialty trades to build beyond BIM to automate fabrication and fieldwork with reliable construction data. With access to the largest library of manufacturers' content and a broad portfolio of hardware and software solutions, Trimble optimizes the entire design, build and operate lifecycle. For more information, visit: mep.trimble.com.

About Trimble Construction

Trimble is developing technology, software and services that drive the digital transformation of construction with solutions that span the entire architecture, engineering and construction (AEC) industry. Empowering teams across the construction lifecycle, Trimble's innovative approach improves coordination and collaboration between stakeholders, teams, phases and processes. Trimble's Connected Construction strategy gives users control of their operations with best-in-class solutions and a common data environment. By automating work and transforming workflows, Trimble is enabling construction professionals to improve productivity, quality, transparency, safety, sustainability and deliver each project with confidence. For more information, visit: construction.trimble.com.

About Trimble

Trimble is transforming the way the world works by delivering products and services that connect the physical and digital worlds. Core technologies in positioning, modeling, connectivity and data analytics enable customers to improve productivity, quality, safety and sustainability. From purpose built products to enterprise lifecycle solutions, Trimble software, hardware and services are transforming industries such as agriculture, construction, geospatial and transportation. For more information about Trimble (NASDAQ:TRMB), visit: trimble.com.

---

https://news.trimble.com/2021-05-06-Chartered-Institution-of-Building-Services-Engineers-Establishes-Engineering-Design-Software-Verification-Process-with-Trimble-Support