



# Sparx Systems Supports Standards Development for Intelligent Transport Systems (ITS)

*ISO/TC 204 and CEN/TC 278 standards developers deploy Enterprise Architect*

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Sparx Systems has entered into a collaboration with the Intelligent Transport Systems (ITS) communities in International Organization for Standardization (ISO) and European Committee for Standardization (CEN), to support the important work of standards development. Members of ISO/TC 204 and CEN/TC 278 will be able to use Enterprise Architect and Pro Cloud Server to create and maintain UML models.

Adding more intelligence to transportation allows people, goods and vehicles to move faster, safer and more efficiently. Road authorities and industry stakeholders know this and are eager to upgrade their road networks, creating a dynamic high-growth industry.

For several years, [Sparx Systems](#) and their [Enterprise Architect](#) software has been supporting the development of several families of ITS standards which are widely used. For example, with the aim to support sustainable mobility in the European road sector, the DATEX II family of standards (CEN16157 series) was developed for information exchange between traffic management centers, traffic information centers and service providers and constitutes the reference for applications that have been developed over that period. Enterprise Architect continues to be used as the core tool for technical maintenance of the standards. Enterprise Architect is also used to underpin other standards families including public transport standards and traffic and traveler information standards created in both ISO/TC204 and CEN/TC278.

Ken Harkin, Head of Strategic Relations at Sparx Systems said, "As the ITS sector evolves, our support for the standards development work being undertaken must be capable of supporting changing demand driven by increasing complexity. It must support collaboration.

The [Pro Cloud Server](#) supports team based model reviews and discussions and is globally accessible via the WebEA interface from any smart phone, tablet or computer. No longer bound by time, location or device, team productivity is unleashed."

Maarten Peelen, Committee Manager of CEN/TC 278, said "This support from Sparx Systems is very welcome, as ITS standards development advances. The development of Cooperative Intelligent Transport Systems (C-ITS) will allow road users and traffic managers to share and use information and coordinate their actions, which is key to significantly improving road safety and traffic efficiency.

C-ITS typically involves communication between vehicles (V2V), between vehicles and infrastructure (V2I) and/or infrastructure -to-infrastructure (I2I). A shared vision is essential to develop standards for complex C-ITS scenarios and in this sense, Sparx Systems technology will prove invaluable to our work."



Dr Jon Harrod Booth, a ITS standards developer for more than 20 years, commented, "The kind support Sparx Systems provides has helped several standards Technical Committees develop consistent and coherent UML models across many industry standards; and this strongly helps developer communities. This collaboration with the ITS standards communities provides a great boost to the work we are undertaking."

## About Sparx Systems

Sparx Systems is a global software company specializing in high performance, visual modeling platforms for planning, designing and constructing software-intensive systems. Sparx platforms are used by systems designers, corporate planners, business analysts, enterprise architects, standards developers and software engineers. Sparx modeling software is widely used in finance, defense, government, aerospace, automotive engineering, geospatial, entertainment, health, smart grid, aviation, retail and telecommunications.

Sparx Systems' flagship modeling platform, Enterprise Architect, provides robust support for team-wide collaboration, and can scale up from single-user deployment to teams with hundreds of local and remote collaborators. With more than 740,000+ effective users globally and 80% of Fortune 100 firms owning licenses, Enterprise Architect is an essential platform for the most complex of projects.

Recipient of multiple industry awards, Sparx Systems is highly regarded in the industry for the delivery of scalable, robust and affordable digital transformation software solutions. Sparx software is price competitive even when deployed across the entire development team. First developed in 1998, the Sparx Systems' Enterprise Architect modeling platform was commercially released in 2000, and has enjoyed more than 15 years of continuous development and growth.

For more information, please visit the company website: [www.sparxsystems.com](http://www.sparxsystems.com).

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## About ISO and ISO/TC 204

ISO is an independent, non-governmental international organization with a membership of 161 national standards bodies and 782 technical committees and subcommittees to take care of standards development.

ISO / TC 204 is responsible for the overall system aspects and infrastructure aspects of intelligent transport systems (ITS), as well as the coordination of the overall ISO work programme in this field including the schedule for standards development, taking into account the work of existing international standardization bodies.

ISO, through its members, brings together experts to share knowledge and develop voluntary, consensus-based, market relevant International Standards that support innovation and provide solutions to global challenges.

ISO has published 22263 International Standards and related documents, covering almost every industry, from technology, to food safety, to agriculture and healthcare. ISO International Standards impact everyone, everywhere.

<https://www.iso.org>

## About CEN and CEN/TC 278

The European Committee for Standardization is a public standards organization whose mission is to foster the economy of the European Union (EU) in global trading, the welfare of European citizens and the environment by providing an efficient infrastructure to interested parties for the development, maintenance and distribution of coherent sets of standards and specifications.

CEN/TC 278 is responsible for managing the preparation of standards in the field of Intelligent Transport Systems (ITS) in Europe. It serves as a platform for European stakeholder to exchange knowledge, information, best practices and experiences in ITS.

The 34 national members of CEN work together to develop European Standards (ENs) in various sectors to build a European internal market for goods and services and to position Europe in the global economy. CEN is officially recognised as a European standards body by the European Union.