

AVEVA Global 12.0

The proven 24 hour multi-location design management system

In today's world, where markets and industry operate 24 hours a day, 7 days a week, engineering projects rely on the efficient use of all their resources and those of their partners, suppliers and contractors, wherever they are in the world, whenever they are available.

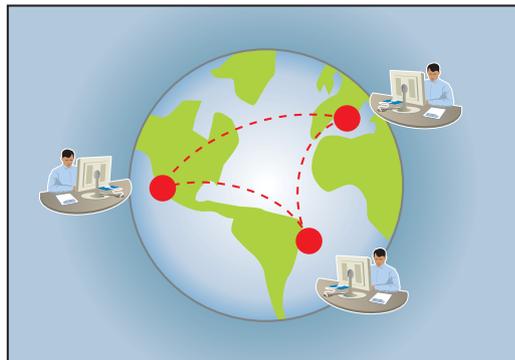
AVEVA Global is the only proven system that can turn this dream into reality. Since the late 1990s, Global has been used successfully on over 500 engineering projects worldwide. It is true to say that, without Global, many of these projects could not have been completed on time or within budget.

Global extends the value of a company's investment in AVEVA Plant or AVEVA Marine solutions by allowing efficient multi-location or distributed project execution. Global enables the effective sharing of design information between offices, subcontractors, vendors and others, whilst retaining project and system control. Global provides concurrent, distributed 3D design with central project administration; it allows for flexibility with control, offers fast performance, and is tolerant of communication faults.

Global significantly improves project manageability whilst reducing cost, risk and timescales.

Effective global project execution is not just a matter of copying data around different locations, as in the traditional workshare approach; it demands the ability to dynamically distribute fully-controlled design data, safe in the knowledge that your project is maintained consistently and securely. Global ensures that each project is kept up to date by maintaining automatic, controlled synchronisation of any data which has changed between the project locations, down to the smallest attribute.

Regardless of their location in the world, design offices, subcontractors, fabrication yards and suppliers can all view the design data at any time as it evolves, to support a true virtual office operation, while still recognising contractual boundaries and areas of responsibility.



Business Benefits

Reduced engineering cost and schedule:

- Allocate work to the most cost-effective locations, adding or removing work centres as the project progresses.
- Build multi-site project teams to use capacity wherever it exists.
- Uploading and downloading project files to FTP sites is eliminated, reducing project administration costs.
- Depending on available resources and quality, schedule and cost performance levels, flexible placement and alterations to engineering tasks can be easily achieved.

Reduced risk:

- The risk of distributing uncontrolled, unapproved design information is reduced by in-built control functions.
- Investment in valuable database assets is protected against unauthorised copying.

PLANT

MARINE

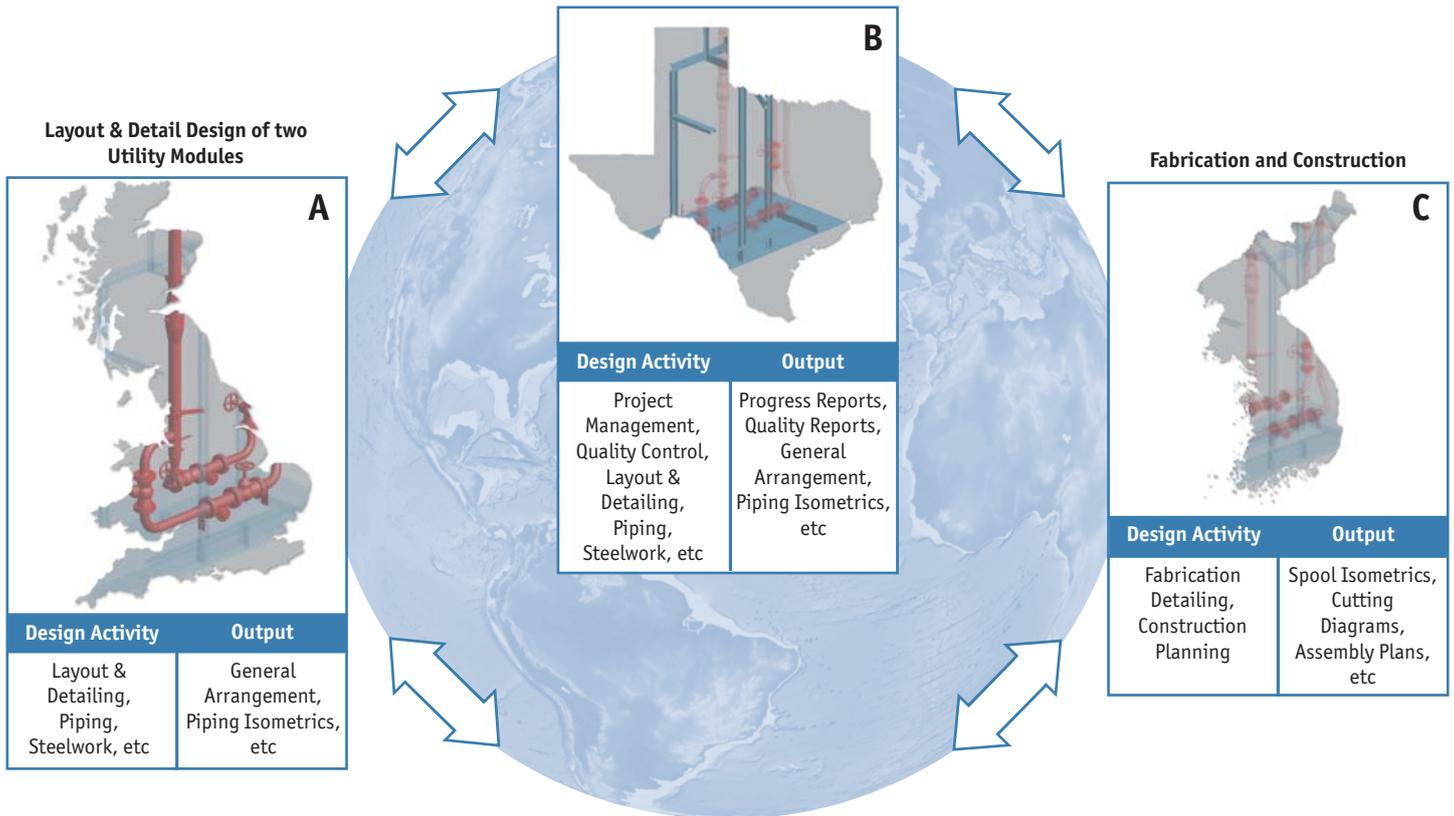
Key Features

Global is a proven solution to the challenge of distributed 24 hour working. It allows full use of all available resources wherever and whenever they are needed.

- Control of Data**
 Controlled approval of design changes, with automatic transmission of those changes to any project location, means that only approved changes are distributed, preventing errors from spreading uncontrollably. Fail-safe checks, robust recovery, and status information for off-line locations, ensure that work can continue without network connection. When the connection resumes, synchronisation takes place automatically.
- Fast Project Setup**
 Straightforward methodology, proven across numerous projects throughout the world, means that projects of any size or scope can be quickly configured and ready for operation.
- Robust Communications**
 Effective use of low bandwidth technology, high tolerance of communications faults, and the ability to use secure communications across public networks, keep costs down and ensure that work will continue even in areas with difficult or unreliable communications.
- Flexibility**
 Projects can be very quickly modified. Locations can be added or removed as the projects progress, in response to changes in priority, scope or workload. Even the central administration location can be moved during the project. Work distribution within a project is configurable along lines and levels of responsibility, and can be changed as required.
- Less Administration**
 Comprehensive management tools and central administration reduce overheads and the potential for error.
- Local Content Initiatives**
 Many projects require the transfer of knowledge and expertise to fulfil local content initiatives. Global allows for this, providing the ability to quickly set up and manage remote project teams anywhere in the world.
- New in Global 12.0**
 New database protection capabilities allow project managers to secure critical data, such as catalogues, from unauthorised copying.

AVEVA Global in Action

Overall Project Administration and Coordination
 Layout and Detail Design of three Process Modules



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 CONTINUAL PROGRESSION

AVEVA Group plc
 High Cross Madingley Road Cambridge CB3 0HB UK
 Tel +44 (0)1223 556655 Fax +44 (0)1223 556666
www.aveva.com