

# StruM.I.S - The ultimate fabrication management system.

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AceCad Software has for a number of years developed and provided steel fabricators around the world with a comprehensive and industry dedicated management information system – StruM.I.S. This complete organisational solution is Windows based and provides access to all critical information produced at every stage in a structural steel project from estimating, procurement, materials management and fabrication, through to eventual site erection. The product is modular, enabling graduated implementation and comprises modules for estimating, contract, procurement, materials and production management.

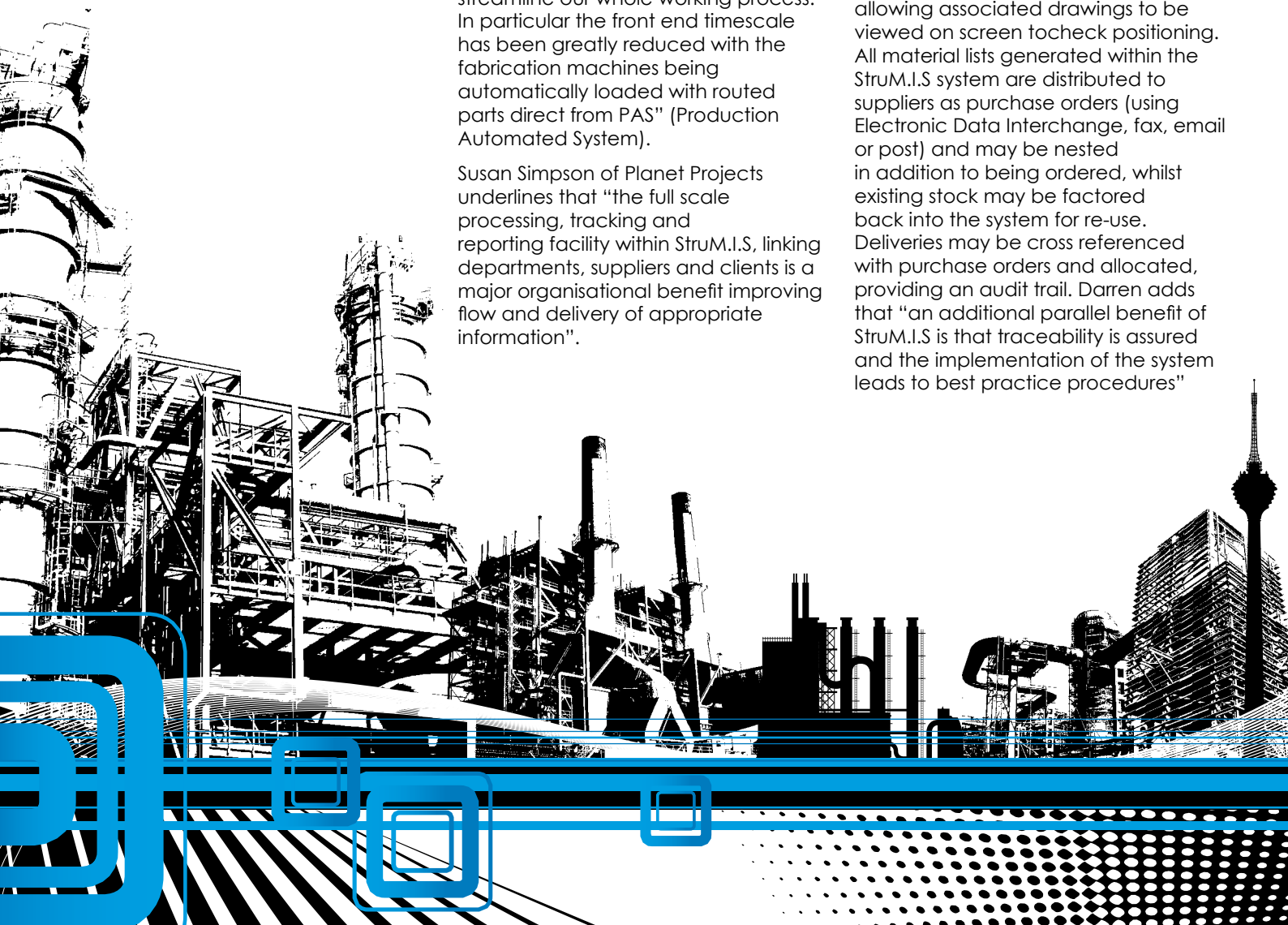
The increased productivity associated with the StruMIS fabrication management system is widely acknowledged and some of the many users include Genrec (Pty) Ltd, Planet Projects and UK Company – EGM Engineering Ltd.


Darren Walker of EGM Engineering Ltd. states that "StruM.I.S has enabled us to streamline our whole working process. In particular the front end timescale has been greatly reduced with the fabrication machines being automatically loaded with routed parts direct from PAS" (Production Automated System).

Susan Simpson of Planet Projects underlines that "the full scale processing, tracking and reporting facility within StruM.I.S, linking departments, suppliers and clients is a major organisational benefit improving flow and delivery of appropriate information".

Estimates may be instantaneously produced through the StruM.I.S system using quick and easy 'take off' facilities, whilst data may also be imported from CAD models. Converted estimates become contracts and are stored in electronic folders giving easy access to key project information, from primary contact details to specific instructions such as paint and material specifications.

Darren confirms that "the storage and retrieval facility enables fast access to project critical data" Management of materials within StruM.I.S is tightly integrated, including stock control and procurement to facilitate efficient delivery schedules. Susan highlights a key advantage being that material lists, fabrication drawings and CAM (Computer Aided Manufacturing) data held in other systems may be used to automatically populate StruM.I.S with member attributes (material grades, specs, paint requirements, etc), eliminating errors associated with manual entry". Also, all members are coded allowing associated drawings to be viewed on screen to check positioning. All material lists generated within the StruM.I.S system are distributed to suppliers as purchase orders (using Electronic Data Interchange, fax, email or post) and may be nested in addition to being ordered, whilst existing stock may be factored back into the system for re-use. Deliveries may be cross referenced with purchase orders and allocated, providing an audit trail. Darren adds that "an additional parallel benefit of StruM.I.S is that traceability is assured and the implementation of the system leads to best practice procedures"





Routing of steel around the workshops may also be handled by StruM.I.S, through CAM data or 'work to lists' and tracking, viewing and reporting on the progress of materials through the fabrication process can be monitored from anywhere in the world via the internet. The system is of course fully integrated with the latest bar-coding technology and almost any conceivable report may be custom generated covering all processes and project critical factors Darren continues – "The bar-coding module enables real time and efficient monitoring of all items from initial machine work through all the various fabrication stages leading direct to site erection.

"StruM.I.S provides a total solution for the automation of all labour intensive activity associated with the management of steel fabrication, with the obvious benefits of reduced costs, faster dissemination of information and the elimination of error. Susan also confirms that the StruM.I.S system "leads to the more efficient use of materials including stock items and optimises material delivery schedules incorporating supplier lead times". Through the efficient scheduling of deliveries, costs are also minimised by reducing storage requirements.

Darren Walker at EGM has the final word stating that "EGM Engineering Ltd. had tested other software but we found that StruM.I.S offered us the most viable and effective solution to our needs". He continues to state "StruM.I.S has now been operated by ourselves for over a year and it has become an integral part of our process and we would have no hesitation in recommending the product to others". For further details on the StruM.I.S Fabrication Management System from AceCad Software please do not hesitate to contact us.