

# Case Study – Cosira International (SA)



## FabTrol MRP

Estimating & Production Control  
Software for Steel Fabricators



“We have integrated the FabTrol system throughout our company to achieve improved controls and data reporting - right from 3d detailing through production, using CNC machinery, to site delivery.”

▶ John da Silva (Snr) - Owner

“FabTrol MRP manages our material requirements with its efficient nesting and self maintaining stock system to source the raw materials we require.”

▶ Marius Crail

- ▶ 2750 Tonnes of fabricated steelwork. E-Bay Diamond Mine Liberation Project, Namibia

Cosira International (SA) – [www.cosira.com](http://www.cosira.com)

Cosira is South Africa's largest private construction company, with three well-equipped structural workshops located in Johannesburg. Production is around 2000 Tonnes of fabricated steel per month from heavy structural and platework, to complex conveyors and handrailing.

Cosira introduced FabTrol MRP drawing and materials management in Nov 2002 helped by CSC, with on-site implementation. The benefits in material controls were immediate which prompted the addition of FabTrol MRP production management in Feb 2003.

Additional user seats followed in April 2003 to provide company wide access to FabTrol MRP in all key departments.

Major FabTrol MRP benefits to Cosira International (SA):

- ▶ **FabTrol Drawing Management**  
Comprehensive drawing management system records all drawing issues and movements.
- ▶ **Materials Management**  
Efficient purchasing of materials, thanks to the industry's most efficient nesting engine that quickly evaluates nesting solutions from multiple suppliers based on lowest cost as opposed to least waste.  
Self-maintaining stock and inventory system with effective remnant control and usage.
- ▶ **Production and Shipping Management**  
Automatic scheduling of materials directly imported from 3D models avoiding any manual listing of materials.  
Complete transport management system with detailed delivery load lists and trailer management.



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