

DOOSAN use DDM to improve product innovation**CSI Ltd talk to Doosan about how DDM is helping them to improve product innovation and increase process efficiency.**

Doosan represents more than 30 years of history in the Articulated Dump Truck business and has established itself as one of the most innovative and progressive manufacturers from the very beginning. Their long experience of developing, producing and marketing Articulated Dump Trucks for the worldwide market has given them a wide knowledge of the construction business.

DDM to reduce downtime and stop delays in production.

Doosan uses complex CAD assemblies, with each one typically being 2000 to 3000 parts. With large amounts of data constantly produced and stored using a file and folder system, down time and lost data caused delays in production. The difficulties of multi-site meant that Doosan required a single and reliable data and process management system that could expand and develop in line with changing business priorities and requirements

“As product design became more and more demanding, it was critical to improve product innovation and ensure that product design content was preserved when designs changed.”

Global Access and management of Multi-CAD files and data.

Engineers based in the UK and Norway needed an easy to use, secure system to remove additional complexities such as global access to CAD files, storing of parts/documents, traceability and stability. Following a benchmark exercise of product and service, including dummy support calls and server testing, Doosan Moxy introduced DDM initially in the UK and then expanded to include their site in Norway. “CSI were selected from several providers because of DDMs’ multi-file format and compatibility with our CAD solutions, alongside a robust support and training infrastructure”. CSI offer a variety of training options including online, classroom based or onsite tailored sessions. Training for Doosan Moxy has been carried out onsite in the UK, joined remotely by staff in Norway for the same sessions.

“Since going live, support calls have all been resolved successfully in a timely fashion”.



“CSI were selected from several providers because of DDMs’ multifile format and compatibility with our CAD solutions, alongside a robust support and training infrastructure”.

Fast Access and Searching across multiple sites

“We now have centrally located files, fully secured ensuring all personnel are working from the same source data. The system is cost effective, user friendly and requires minimal maintenance.” Doosan Moxy experienced some problems with slow loading of assemblies and replication difficulties across two sites. Talking to CSI it was quickly established that the problems stemmed from a local server creating slow CAD assemblies, so DDM Remote file servers and Replication were introduced following a successful pilot. DDM RIFs and DDM Replication provide Doosan with the ability to work across multiple sites with fast searching and access to the latest information. Each remote site is connected through the Wide Area Network (WAN) so access to the data is from a local synchronised database. Following implementation, “engineers are now noticing an improvement of 75 % in speed of transfer of information. Our assemblies are also significantly more stable and easier to manage in terms of change and traceability.”

About DDM

DDM is an easy to use, multi-CAD PDM solution for Solid Edge®, IronCAD®, SolidWorks®, Creo Parametric®, AutoCAD® and Inventor®. Providing full lifecycle management and revision control of parts, models, drawings and office documents. DDM ensures that the right information is delivered to the right people at the right time.