



Egger versiondog Case Study

versiondog Creates a Standardized Version Control Process for Automation

Egger Ltd. manufactures chipboard and associated products on highly automated production lines. Using versiondog data management software, Egger standardized their backup and version control process across a variety of manufacturing systems and controllers.

Egger is one of Europe's leading wood-based panel producers, located in Hexham, England. With a product portfolio that ranges from construction materials like chipboard and OSB to decorative pieces like laminate and edging, Egger was in dire need of standardizing its data management strategy.

Why did Egger need a standardized data management strategy for their automated production lines?

Egger uses a variety of PLCs, SCADA systems, and Inverter Drives to optimize their manufacturing operations. At the Hexham site, they have approximately 50 Simatic S7 PLCs, 15 Wonderware InTouch applications, and numerous Inverter Drives.

Each device uses important parameter sets that are vital to the smooth operation of the plant. They company also uses Rittal's EPLAN electrical CAD system. With a wide variety of automated devices in use, there is significant risk of data loss if a drive or device were to fail.

How does Egger use versiondog for version control purposes?

With versiondog, Egger can use a standard data management approach across all of their automated production devices.

The version control software automatically captures all changes made to networked devices. A simple workflow allows users to Check-Out a particular program, make changes, then Check-In the program with comments about changes made. versiondog centrally stores all original versions and updated versions of program data. In some cases, as many as 200 versions of a particular device's program are stored.

In the case of EPLAN drawing files, the same process can be followed. The latest copy of the project is checked out from the file server via versiondog. Then, the EPLAN is opened, changes are made, and the project is checked back into versiondog with comments about who changed what, when, where, and why. This version control process is universal across all file types, including Microsoft Office and Adobe PDF.

How does Egger use versiondog for disaster recovery?

versiondog also provides automatic backups. This is particularly important when a hardware failure requires a replacement unit to be fitted. Vital programs or parameter sets can be quickly restored, cutting downtime to a minimum and restoring production more quickly.

At the Hexham plant, versiondog is set to back up everything over a two-day cycle automatically. Egger has noticed that the equipment managed by versiondog has a shortened mean time to repair (MTTR) when unavoidable downtime does occur.

Is versiondog easy to use for the Egger maintenance department?

versiondog has automated a great deal of maintenance tasks at Egger, like recording changes and automating backups. When there is a hardware failure, all programs can be quickly restored, in the full confidence that they are the latest version

About 20 people regularly use versiondog at Egger. Because of versiondog's integrated notification system, necessary individuals are notified by email when changes are made. They can easily see not only what was changed, but who made the change and why. Security is provided by layered password-protected authorization levels.

Deputy Electrical Engineer John Erwin said, **“versiondog is vital to the smooth running of the plant and life without it on a day-to-day basis would be a nightmare.”**

ABOUT AUVEZY

AUVEZY (**AU**tomated **VE**rsioning **SY**stems) is a global market leader in version control and data management for automated production. The company has grown steadily since it was founded in 2007, with its North American headquarters located in Grand Rapids, MI and its global headquarters located in Landau, Germany.



CONTACT US

146 Monroe Center St NW Suite 1210
Grand Rapids, MI 49503

Tel. +1.616.888.3770
Email info@auvesy.com
Web www.auvesy.us