

echive[®] at Work

*echive[®] and Kyocera Mita give Tobin Tool and Design Co.
a Precise Drawing Management Solution*



History

Tobin Tool and Design Company, LLC is a high technology focused, tool die, and mold company. It works closely with customers to design, build, and implement tooling for injection, compression, and transfer molding, as well as stamping dies, and automation equipment, that will help create high output production cells within their customers' operations. Tobin Tool has been using the Mita Xi 3648 for scanning engineering drawings from its customers. Repro Systems Software was used to manage the scanned files. However, growing needs were not fully satisfied by the software. Its limited index and search capabilities created multiple separate databases for each customer, purchase order, and job number, and provided only thumbnail viewing.

The Problem

Tobin Tool scanned engineering drawings from its clients in the automobile industry. These drawings then went to the shop floor for implementation. In the process, hand-written changes were made to the original drawings. The drawings were then rescanned with these changes. It was critical for Tobin Tool to track the entire design process from the initial drawing to the final revision. The proprietary database structure created by the current Repro System software was making drawing location increasingly difficult, especially tracking drawing revisions. In addition, Tobin wanted to upgrade to a newer generation, network-capable Kyocera Mita multifunction system with even greater capabilities.

The Solution

Prior to the release of their new generation digital scan-to-file multifunction system, the KM-4850, Kyocera Mita was looking for the right software to take advantage of its many benefits. Kyocera Mita's research led to the echive solution from Open Archive Systems. With property and full text indexing, advanced search functions, multiple format viewing with zoom, print bannering, and redlining, echive easily addressed the needs of Kyocera Mita's customers. Open Archive Systems also wrote a custom translator to communicate with the Repro Systems database. This allows all scanned drawings and documents created by the older Xi 3648 to be imported into the industry standard echive database.

Together, echive and Kyocera Mita easily meet the drawing management needs of Tobin Tool. After scanning a drawing with the Kyocera Mita digital system, echive TIFIndexer indexes customizable property fields (such as customer, purchase order number, job number etc.) on scanned drawings and indexes the full text. File information is then automatically entered into a single, networked echive Organizer database. This database is built on industry standards and supports hundreds of file formats. Then echive Explorer is used at any desktop to search for documents or drawings based on any text or property fields. Users can view, zoom, add bannering, print and redline the selected file without launching its native application. Redlines or mark ups are created as a separate layer and stored as part of the original file, simplifying the revision process. As a result of the marriage of technologies, Tobin Tools now enjoys using a superior drawing management business tool.

As depicted by the Tobin Tools case study, many companies can benefit from upgrading any existing wide-format systems to take advantage of the echive/Kyocera Mita solution.

About Open Archive Systems, Inc.

Open Archive Systems, Inc. is a leading drawing and document management software developer and integrator. Solutions include document and drawing management, distribution, enterprise viewing, raster and hybrid editing, raster to vector conversion, and full conversion to CAD. Products include echive, GTX, Spicer, Myriad, Cyco, Context, and Vidar.



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