



MPI Corporation is a global leader in the semiconductor industry with a focus on probe card technology, photonics automation, advanced semiconductor testing, and thermal air systems. With multiple stamping and heat-treating operations sites, the company has numerous moving parts and processes that all need to communicate with each other.



THE CHALLENGE

MPI Corporation first updated its legacy ERP system to a Plex platform in 2013. The Plex system worked great, but also required a significant number of customizations due to the complexities and uniqueness of the business. The company was looking for ways to customize its cloud ERP without adding in locally installed solutions, thin clients, bolt-ons and apps.

MPI worked to build custom order entry, part creation/ process routing/control plans, planning and scheduling,

pricing and contracts, and shipping and certification modules on top of the Plex data schema. MPI has an excellent IT team with deep development capabilities. They were achieving their objectives with Visual Studio but believed there was a better toolset. When they discovered Fuuz[®], they saw a product that could truly meet their needs at a level beyond their expectations. “If we’d had Fuuz initially, we would have built our solution in Fuuz,” commented McDonald.



THE SOLUTION

Because Fuuz is integrated into its cloud ERP, the MPI team has found it's now easier to use and easier for the IT experts to manage and maintain. Since implementing Fuuz, MPI has seen an improvement in productivity in developing custom applications and solutions, compared

to .NET and Visual Studio. Fuuz has allowed an already efficient team to operate at an even higher level and drastically reduce the time it takes to build the specific applications needed for their organization.

“The team at MFGx/Fuuz has been one of those rare groups that does not just talk about being dedicated to our success, they demonstrate it consistently in their actions. And in solving our issues and needs, they keep in mind the bigger picture of how to evolve Fuuz in a fashion which improves the usability and functionality for the market and not just an individual client.”

Mark McDonald, VP, Information Technology, MPI Corporation

THE RESULT

Fuuz has given the MPI team the toolset to integrate data into and out of Plex while maintaining the full Plex data schema. Solutions are easily mapped out with Fuuz.

“Fuuz is like an on-ramp – our team doesn't have to code or create something from scratch because the Fuuz platform has those options already available,” commented McDonald.

Now MPI's timelines to make changes to the UI and meet specific user requests are more efficient. With increased performance and reliability, the team has found the cloud-based/multi-tenant platform to be easily scalable,

even across different platforms. While the team is well along on their IIoT transformation, they see further potential for replacing or augmenting several components of their IIoT architecture stack with Fuuz. Having the ability to consider these options is key to their future success in innovating and responding to their strategic objectives in a highly agile fashion.

“I have great respect for Craig Scott and what he's doing with Fuuz from MFGx. It's a fantastic product that gave us a fully integrated solution. Craig and his group really helped us. Fuuz has the functionality we needed.”

Fuuz[®] powered by MFGx is a next-generation Manufacturing Execution System (MES) with supportive processes that help companies of all sizes gain full visibility into their global operations, automate manual processes and accelerate their digital transformation – without the expense of new enterprise software. Fuuz MES can be extended with Warehouse Management, Transportation Management and other pre-built industrial SaaS apps, as well as platform tools for rapid application development and integrations for all major ERPs, homegrown apps, payroll and other software solutions manufacturers use every day. MFGx is a Michigan-based software integration company with more than 20 years of hands-on experience in diagnosing and solving software integration problems for discrete and process manufacturers in multiple industries. For more, visit fuuz.com.