



# 3D Glass Solutions, Inc.

## 3DGS Unlocks Significant Improvement with the Implementation of TME® MES Software Solution



### Improved

yield, output, & production control

### 90 Day

implementation from spreadsheets to MES

### Reduction

in errors, downtime & scrap rates

### 350+

readily available reports for real-time visibility

## OVERVIEW

3D Glass Solutions, Inc. (3DGS), a manufacturer in high-performance 3D radio-frequency technology, amplified their production capabilities with TME® Manufacturing Execution System (MES). This strategic partnership has catalyzed a substantial advancement in operational performance, production process optimization, and digital transformation.

## CHALLENGE

3D Glass Solutions encountered several operational challenges, which included fragmented workflows from spreadsheet use, limited operational visibility, manual and error-prone data processes, and frequent equipment downtime leading to sub-optimal yields.

## SOLUTION

The strategic combination of MASS Group's expert training methodology paired with the dynamic capabilities of TME® MES delivered a seamless digital transition for 3DGS.

With no need for complex scripting, TME®'s user-friendly configuration and fast integration allowed 3DGS to quickly adapt to a fully digital environment. The platform's agility and ease of use immediately aligned with 3DGS's manufacturing workflows, delivering an unprecedented level of process control, asset tracking, and operational transparency.

## RESULTS

TME® facilitated a seamless shift from 3DGS's manual Google Docs system to a fully automated MES in just three months, significantly enhancing equipment maintenance and production reliability. This leap forward has led to heightened batch quality and increased operational yields.

Through MASS Group's comprehensive training and the robust capabilities of TME®, 3DGS has gained empowered process oversight, bolstering batch quality, and maximizing operational efficiency. These advancements have not only surged yield rates but also elevated customer satisfaction, exemplifying the dynamic success achieved through this partnership.



*The level of customer service and expertise in providing solutions for any questions or problems had has been exceptional.*

*By and large, it has been very impactful for us. TME® has been very responsive, solutions-oriented, and helpful in getting us up to speed. It has been a huge improvement from Google Docs.*

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