

Operational Benefits & Results

Impact of Excel-Based KPI Automation

This solution delivers measurable operational improvements by reducing reporting effort, improving data accuracy, and providing real-time performance visibility. It enables management to make faster, more informed decisions and maintain better control over production planning and efficiency.

Before Automation

- Manual and time-consuming report preparation
- High dependency on multiple Excel files
- Frequent data mismatch between departments
- Limited real-time visibility into production performance
- Delayed management review and decision-making

Manual processes increase effort and reduce operational control.

After Automation

- Automated data consolidation and KPI calculation
- Single, reliable source of production data
- Real-time visibility of key performance indicators
- Faster daily and monthly reporting cycles
- Improved coordination between production, QA, and planning

Automation enables faster insights and better operational control.

Business Impact

- Reporting time reduced from hours to minutes
- Improved data accuracy and consistency
- Faster management decision-making
- Better control over production planning and efficiency
- Scalable across multiple products and departments

Designed based on real pharmaceutical manufacturing workflows.