



MES – How to Make More and Waste Less with a Manufacturing Execution System

Give Your Plant Management Team Real-Time Intelligence and Alerts with MES

We hate to break it to you, but there is a lot that your plant isn't telling you. And even if it could talk, it's unlikely that the technology you're using today would be able to completely answer your most important questions.

However, with MES, food and beverage manufacturers use the data in their existing systems to identify ways to reduce waste, improve output, meet sustainability goals, and more. Comprised of one-of-a-kind OPS applications, MES will help you address your most pressing issues – allowing your operations to make more and waste less every day.

Our Customers

MES has developed dairy-industry-specific manufacturing analytics through collaboration with several international dairy processors. The solution helps industry leaders pursue the highest level of operational excellence and product quality by enabling full traceability from milk intake to finished product while accounting for energy and yield losses.



“Creating that ‘single source of truth’ will allow us to send a constant message out to our team. Even better – we didn’t have to go back and build this from the ground up.”

Nathan Bass, Senior Manager of Manufacturing, Valley Queen Cheese

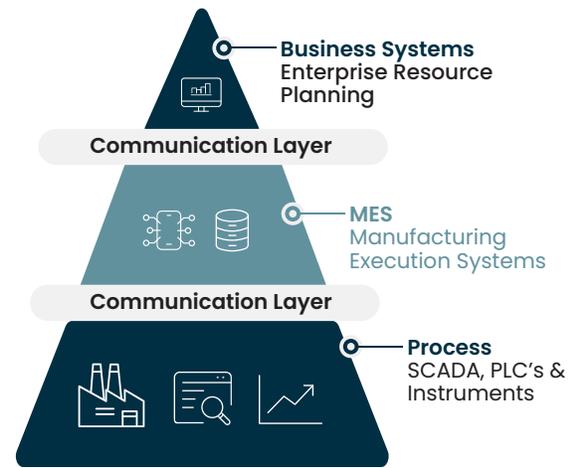
Key Benefits

- 5% increase in OEE and yield, potentially gaining MILLIONS
- 6% reduction in waste and costly losses
- 10% increase in productivity
- 3% boost in quality, getting it right the first time

How It Works

MES is a data hub that provides information for action within your plant; its real-time data intelligence capabilities have enabled food and beverage companies to make more and waste less for over 20 years.

The solution creates a communication layer between the systems you use to execute your processes and the ERP that reports your results. After its implementation, you'll have the operational visibility and insights you need to improve your operations before it's too late.



OPS Applications

MES OPS Applications suite enables you to use your data to overcome hundreds of common manufacturing challenges, such as identifying sources of waste and improving performance. And the best part? You'll be able to quickly access the insights you need without having to source and organize all the relevant information yourself.

Visual Factory - Identify historical trends by generating graphics and other visuals of plant KPIs.

Track & Trace - Improve your manufacturing process by tracking everything from raw ingredients to finished products.

KPIs - Stay ahead of potential problems by identifying your most impactful KPIs and activating auto alerts.

Analytics - Gain additional visibility to your performance with dashboards and periodic reports.

Paperless Factory - Create paperless forms from existing Excel sheets for fast alerts to potential issues.

Mass Balance, Yield & Loss - Identify sources of waste with clear visibility to factors that impact yield.

OEE - Improve operational efficiency by assessing the performance and efficiency of your critical assets.

Implementation

To make it easy to start, we've designed MES to be modular and scalable to meet your specific requirements and quickly address any immediate needs. Our experts have experience working with operations of all sizes and are ready to help you transform your operations.

Managed Services

Is your staff too consumed by their day-to-day activities to take your plant to the next level? The MES Managed Services Team can help. Our experts are fully equipped to augment your manufacturing team – fast-tracking MES adoption, accelerating time to value, and ultimately improving production outcomes by effectively applying MES best practices.