



distilling

# Orbis MES by Ever.Ag

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







distilling



DISTILLING BROCHURE

# Orbis MES

by Ever.Ag

## Make More. Waste Less.

Distillery operations require more than a one-size-fits-all solution when it comes to Manufacturing Execution Systems (MES). Orbis MES creates a single source of truth, and trust, to address pressing operational issues within your distillery, to consistently make more and waste less.



### HOW IT WORKS

Orbis establishes a communication layer between your Process Control System (PCS), Enterprise Resource Planning (ERP), and Laboratory Information Management System (LIMS). This communication layer enables you to gather the multiple data sets needed to take the appropriate and decisive action to improve your manufacturing performance

### A MES Built for Distilleries

When choosing a MES, it is essential the solution understands the intricacies of distilling. Orbis for distilling was created to model every step of the manufacturing process within the distillery. The data model includes process parameters, such as temperature, pressure, valve status, as well as raw material inputs and key quality measures, along each step of the distillation process. Orbis also gathers data on utility consumption, uptime vs downtime for each process, and allows the manual input of data to provide a comprehensive record of each distillation period.



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## Orbis MES DISTILLING BROCHURE

### Digitize Your Plant for Increased Efficiency and Visibility

Orbis digitizes production within your distillery. **Paperless Factory** eliminates the time-consuming process of logging data manually.

Within the solution, **Visual Factory** enables remote-viewing of real-time process status, as well as real-time trending, and replay, of key production parameters.

**Overall Equipment Effectiveness (OEE)** enables performance analysis of your key equipment to provide insight into uptime and downtime over specific time intervals.

The **Yield Management** module tracks raw material input and litres of alcohol produced per production period.

**Track and Trace** provides end to end genealogy of raw materials and finished product.

### Track Your Performance for Continued Success

Key Performance Indicators are essential for measuring positive progress at your distillery; Orbis will allow you to track those KPI's digitally.

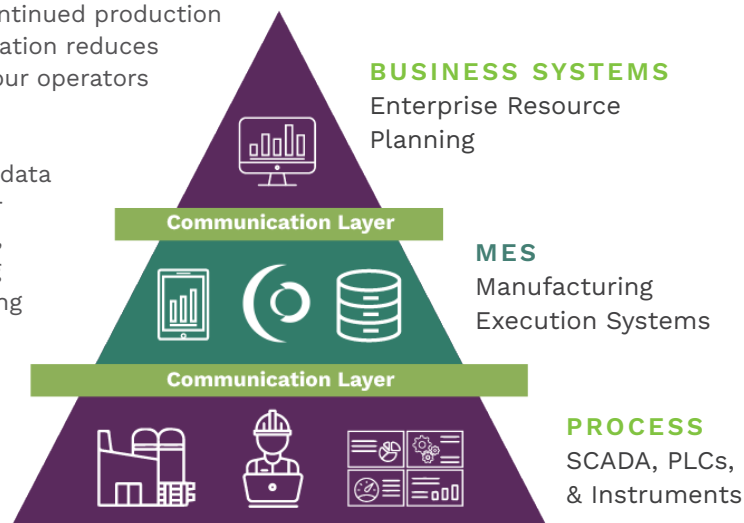
Utility Management within Orbis supports your sustainability goals through the conservation of water, steam, and electricity throughout each production period. All reports for mandatory purposes, such as Compare and Period Reports, are generated automatically. Furthermore, Business Intelligence Dashboards provide Management with unique insights into production performance.



### RESULTS

Upon implementation, you will notice that full visibility into your plant process leads to continued production performance improvements. Digitization reduces manual recording and empowers your operators to make timely interventions.

By reducing the amount of manual data entry and manipulation, the risk for entry error is mitigated. In addition, the time operators spend gathering data for reports is lessened, enabling operators to make impactful decisions to meet operational performance KPI's. Tracking KPI's also results in a reduction of inconsistent product quality.





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### KEY BENEFITS

#### CONTROL



costs with  
systemized planning

#### OPTIMIZE



equipment  
capacity for  
improved yield

#### TRACE



production,  
process, and quality  
parameters for  
consistent output

#### REDUCE



waste through  
actionable insights



### FACTS AND FIGURES

**5%**

increase in yield

**10%**

increase in  
productivity

**6%**

reduction in  
waste

**3%**

boost in quality



### OUR CUSTOMERS



**IT'S TIME TO MAKE YOUR PLANT TALK TO YOU.**

**CONTACT US**



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