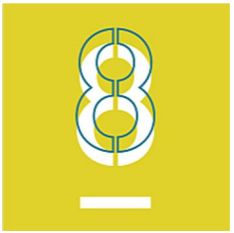
Sepasoft Fundamentals

Ignition-built MES

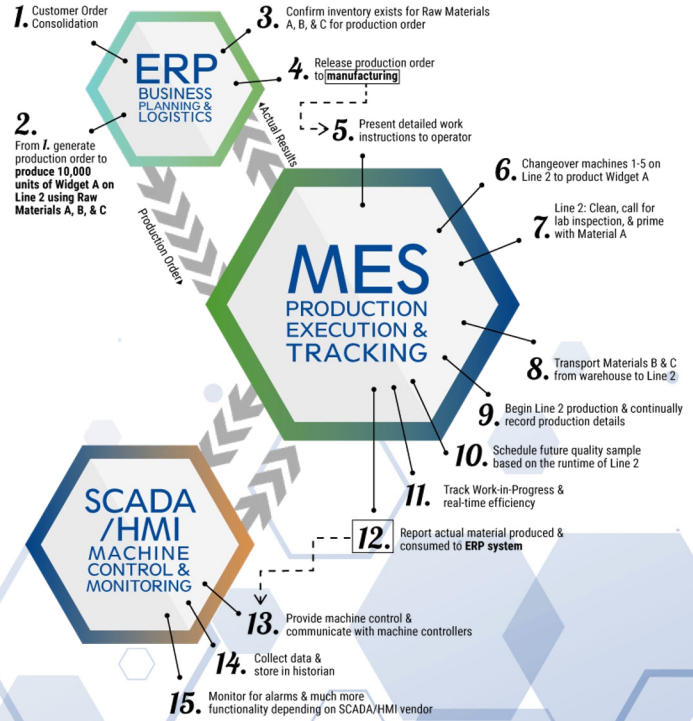


About Sepasoft, Inc

- Built from in the field based needs
- Started MES in 2010
- Inductive Automation Strategic Partner
- 1,000+ implementations worldwide
- More than 170+ MES-Certified System Integrators globally
- 8 Distributors in foreign countries
- 100% MES Focus
- Pre and Post sales dedicated support
- Dedicated growing sales team focused on MES

What we do

Sepasoft provides MES solutions used to control, track, and document the transformation of raw materials to finished goods in real-time.



Licensing Model

- Perpetual Licensing
- No nonsense licensing
  - Unlimited Machines per site/server
  - Unlimited Lines per site/server
- All costs revealed up front

Support

PriorityCare

PriorityCare is our new premium support offering, providing unlimited phone, and web support at our highest priority level during business hours, as well as free software upgrades and member discounts.

+ 24% Annually | Support plan price is based on the retail price of software at the time of purchase.

PriorityCare includes:

- Unlimited phone, web portal support at our highest priority level (Includes phone support during business hours; priority level may be affected by the severity of the issue.)
- Upgrade Protection: Unlimited free upgrades to any modules purchased
- 15% discounts on training courses, excluding onsite training
- Free certification tests

TotalCare

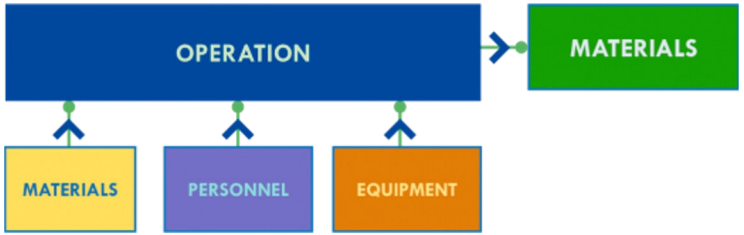
Get peace of mind for the entire year with unlimited phone, and web portal access to our technical support reps, free software upgrades, and member discounts.

+ 20% Annually | Support plan price is based on the retail price of software at the time of purchase.

Total Care includes:

- Unlimited phone (during business hours), and web portal support
- Upgrade Protection: Unlimited free upgrades to any modules purchased
- 10% off training courses, excluding onsite training
- Half-price certification tests

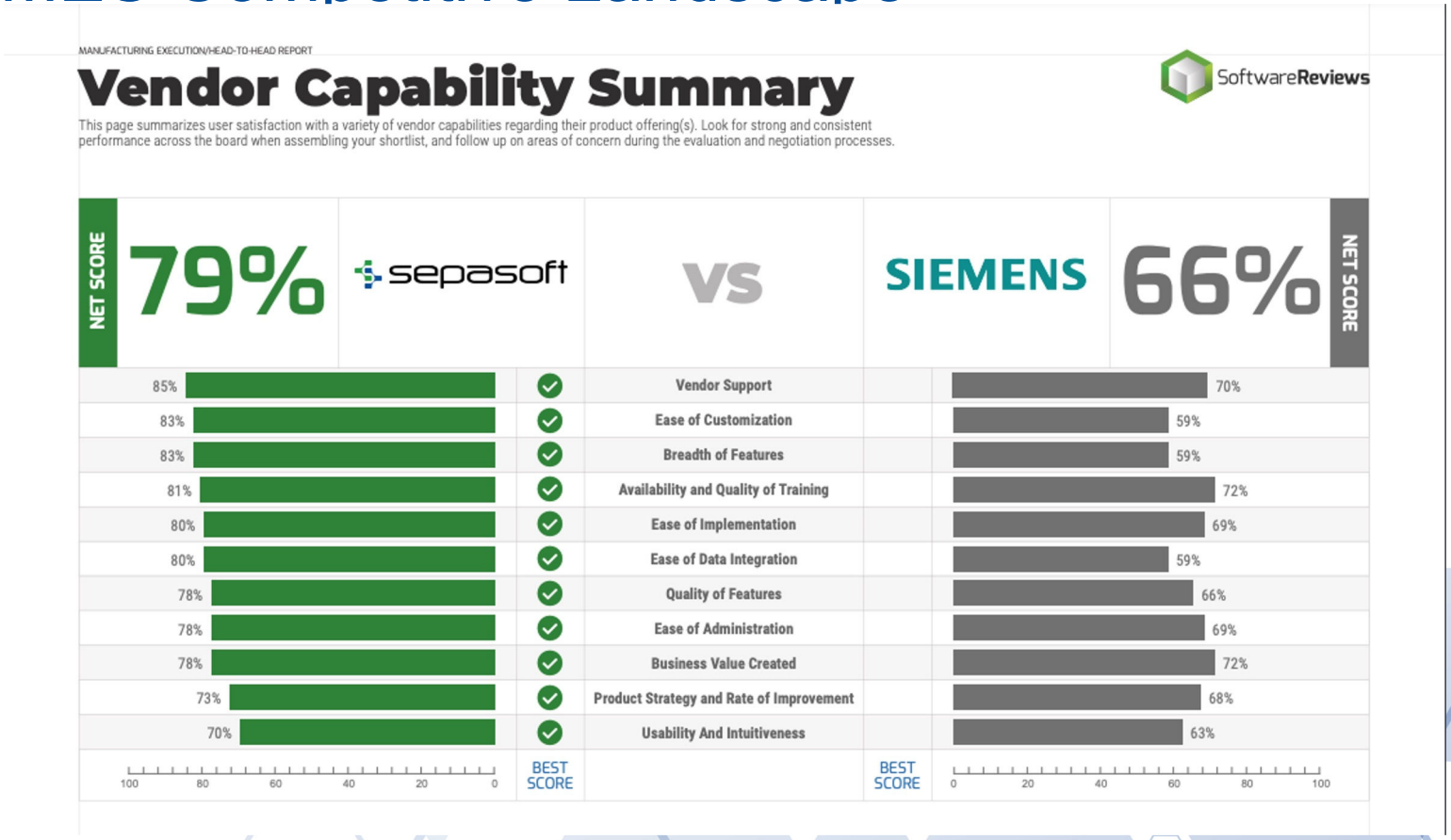
Quick Start Program



Overview

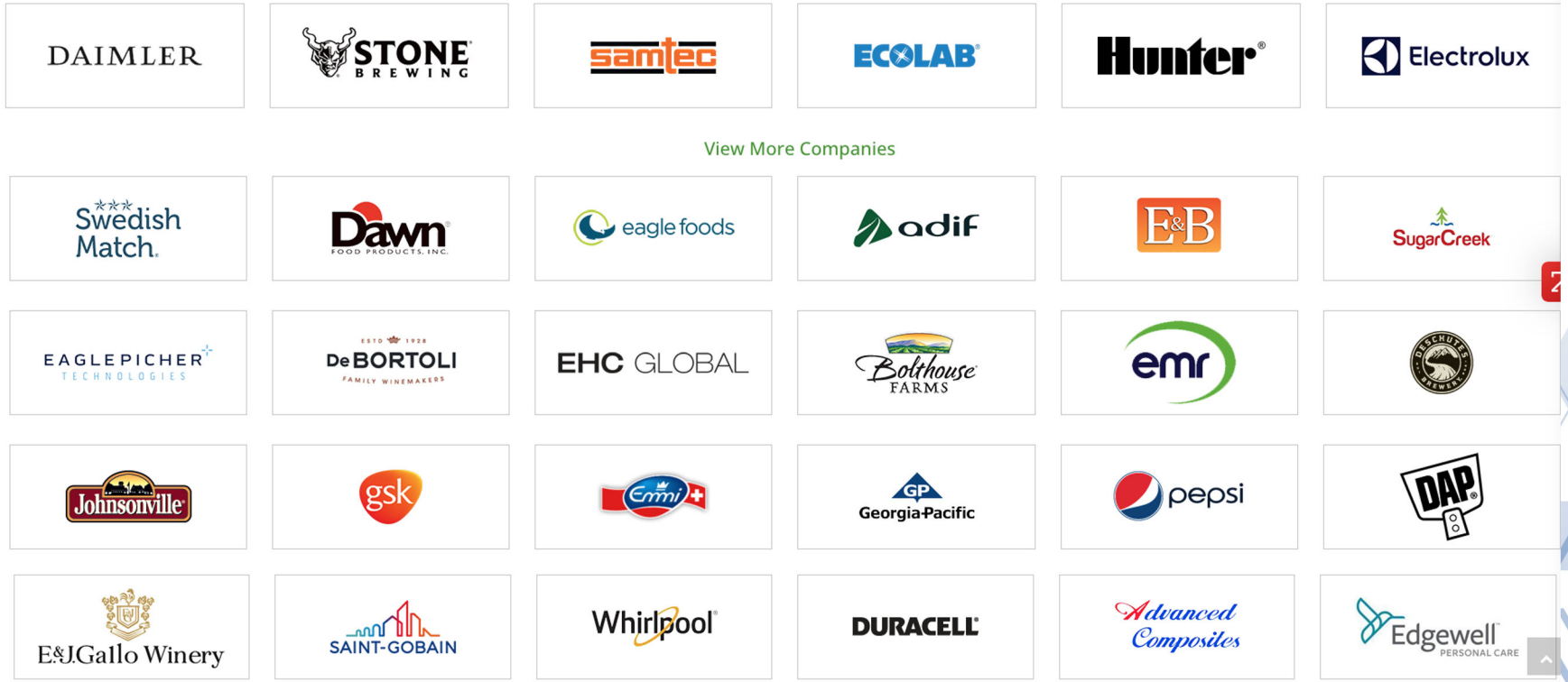
Manufacturing Execution System (MES) implementations bridge higher-level planning systems with plant floor control systems. Typically, this system will involve many departments and personas, in addition to accommodating existing processes. The end result makes MES one of the most challenging systems to successfully implement. The Sepasoft Quick Start Program (QSP) helps our end users identify and mitigate common risk factors associated with MES implementation.

MES Competitive Landscape

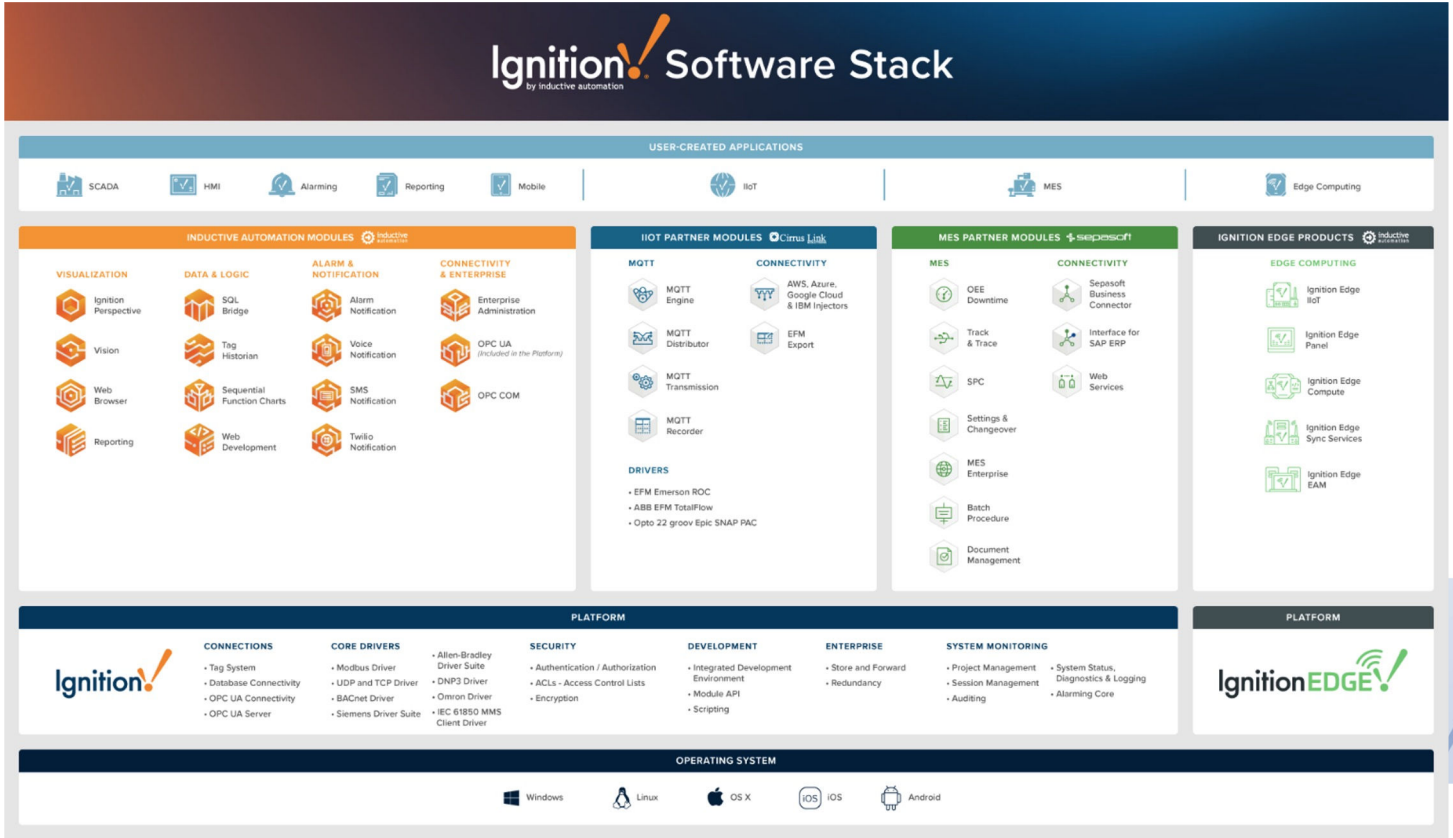


MES Competitive Landscape

Customer References



Ignition Software Stack



Sepasoft Module Stack

MES PARTNER MODULES sepasoft

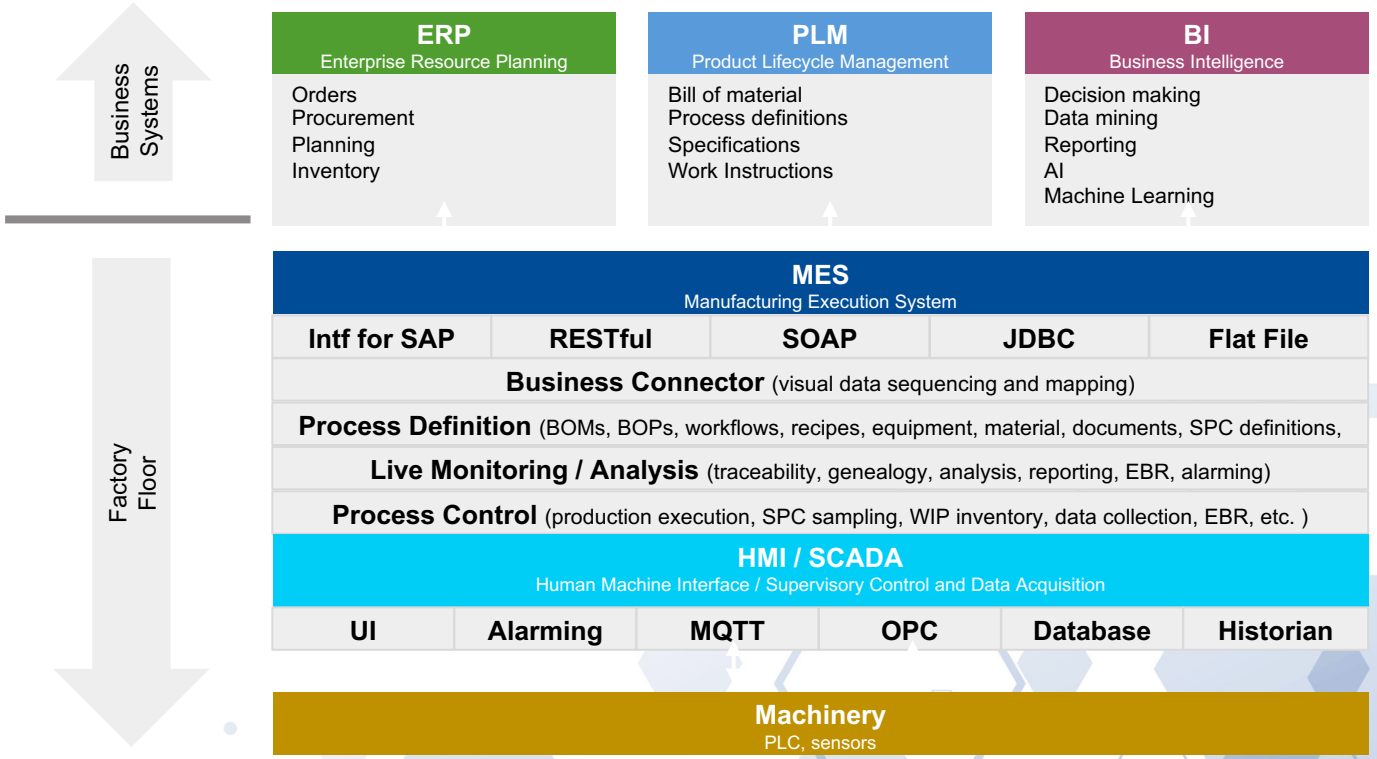
MES

- OEE Downtime
- Track & Trace
- SPC
- Settings & Changeover
- MES Enterprise
- Batch Procedure
- Document Management

CONNECTIVITY

- Sepasoft Business Connector
- Interface for SAP ERP
- Web Services

Scalable MES Platform

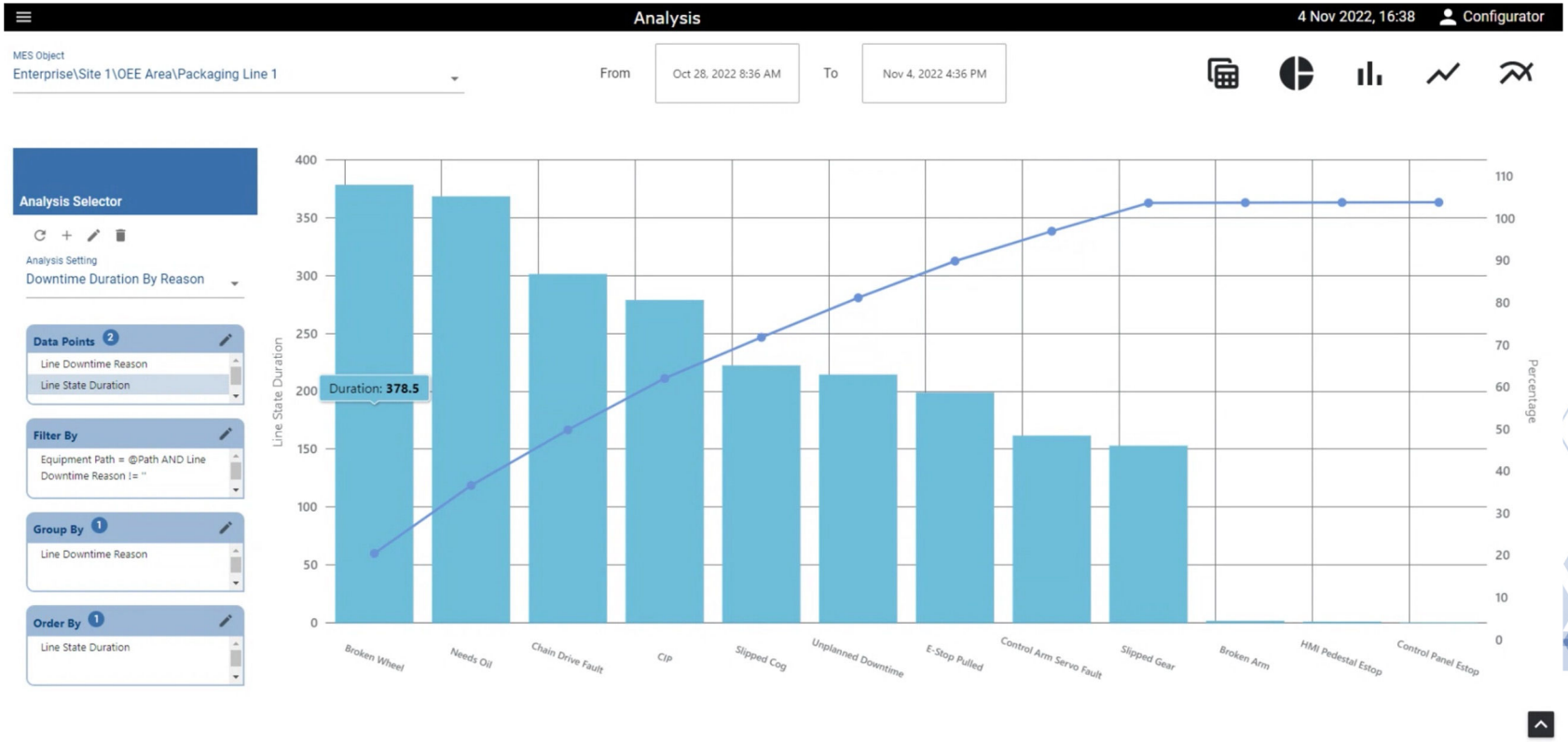


Scalable MES

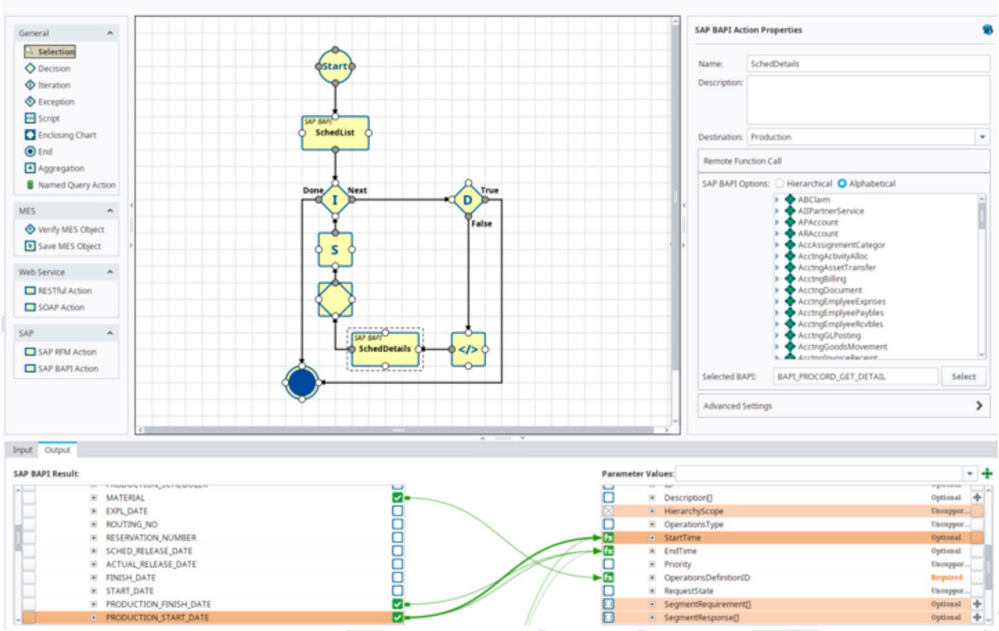
- Synchronization of MES data
  - On Premise Servers
  - Private Cloud
- Scalable
  - Accommodates Companies with Mixed Facility Sizes
  - Seamless Scale Up Path (no need for rip and replace)
- Central Management
  - MES Server Health Monitoring
  - Central Configuration
  - Quicker Disaster Recovery

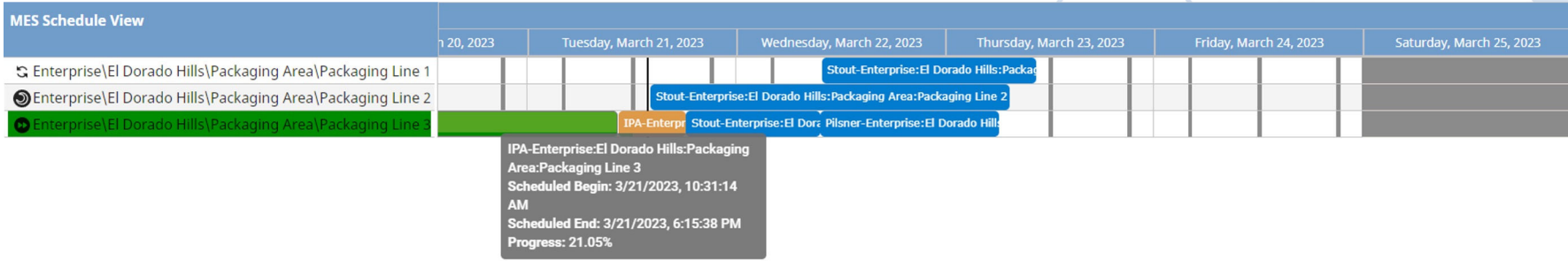
OEE - Dashboard

OEE - Detailed Analysis

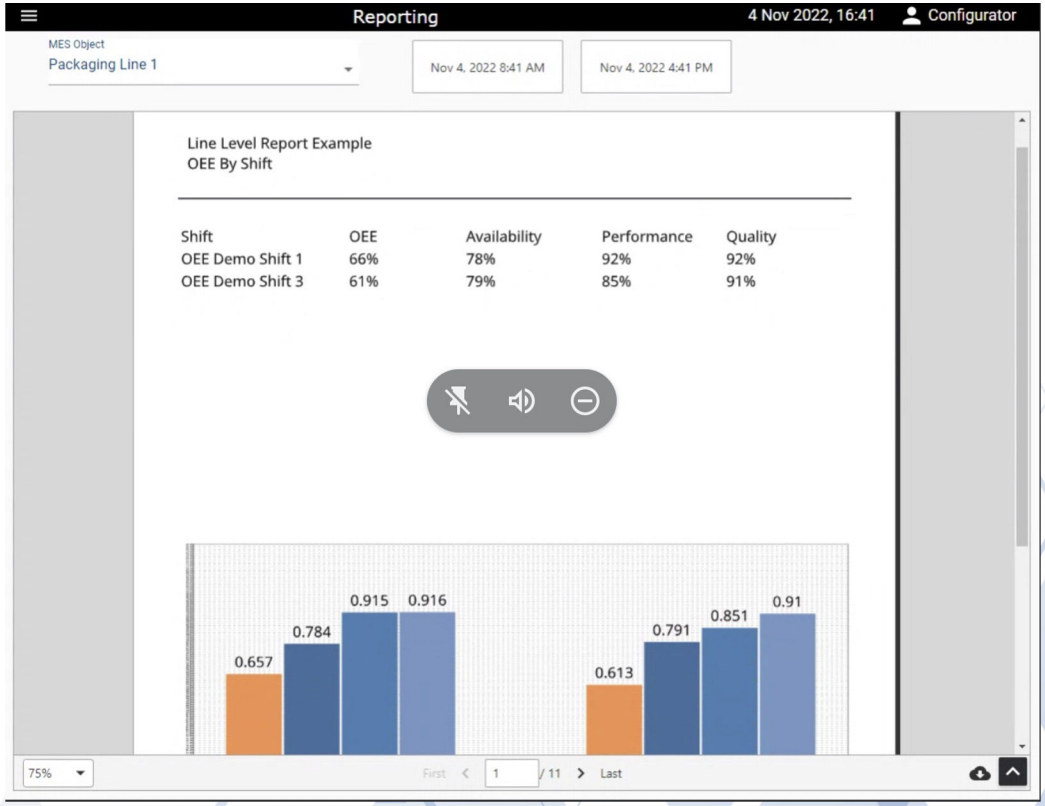


OEE - Scheduling





OEE - Reporting



SugarCreek™
Brandworthy Food Solutions™
Since 1966

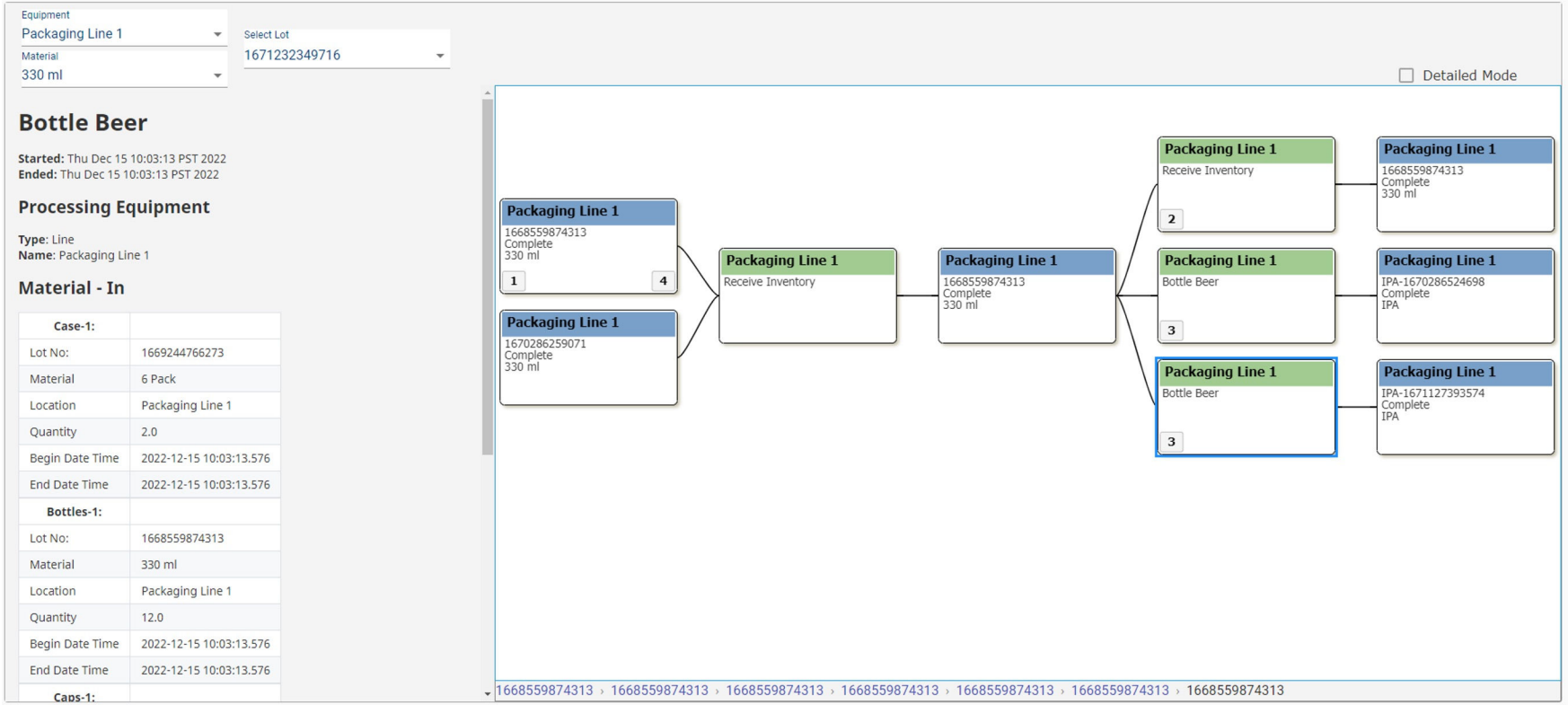
Challenge	Solution	Impact
● Day old data ● No information on downtime occurrences ● No MES ● No alarm notification ● Need improvement controls on equipment and operations	● OEE downtime ● SPC ● Web Services ● Settings & Changeover	**● Real time data available** **● Unlimited licensing lowered TCO** **● More control and visibility on all operations**

DAIMLER TRUCK

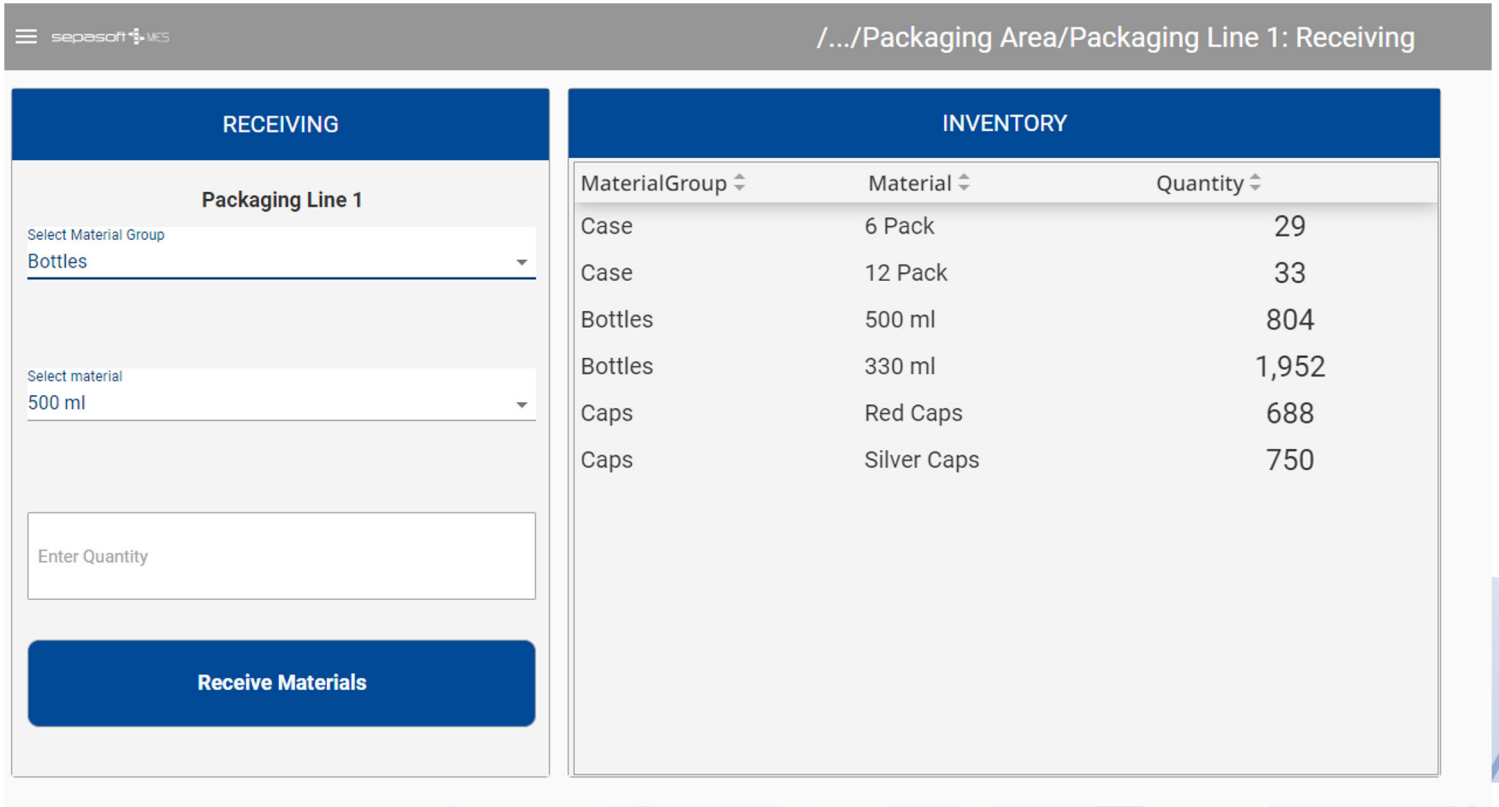
North America

Challenge	Solution	Impact
● No monitoring ● No control ● No feedback on status ● No visibility on maintenance	● OEE downtime	**● Operators gained access to call for help** **● Visible Real-time data shared with other sites** **● Equipment interlocks can now be detected** **● Minimized downtime** **● Access to reports about operations, personnel, equipment**

Track & Trace - Genealogy

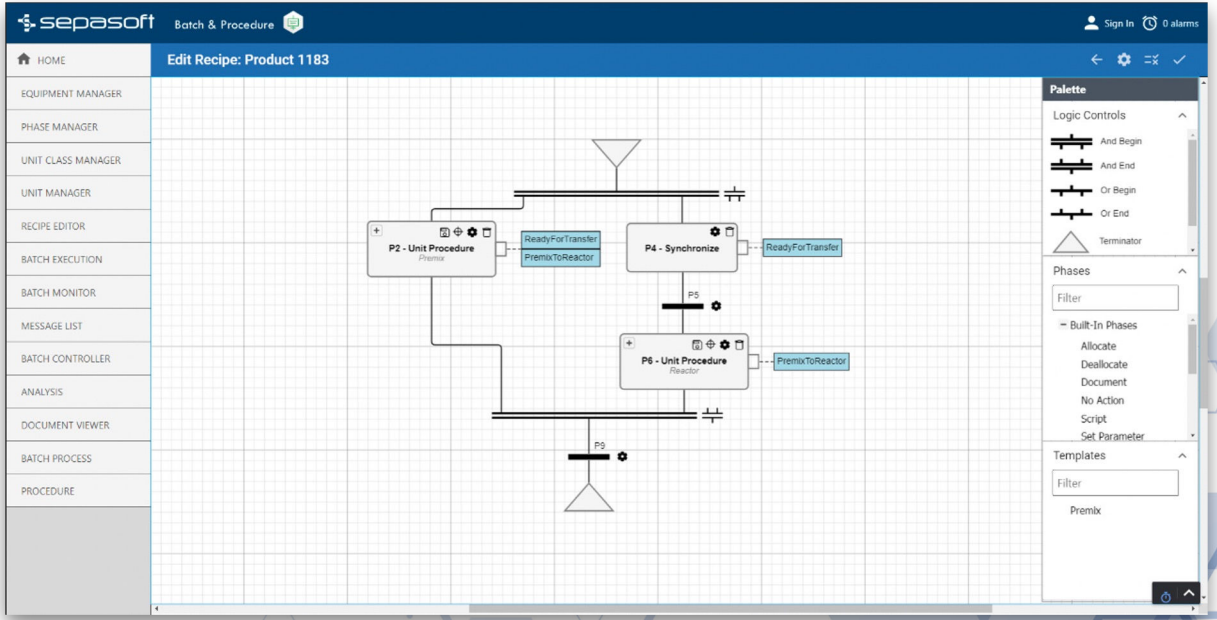


Track & Trace - Inventory



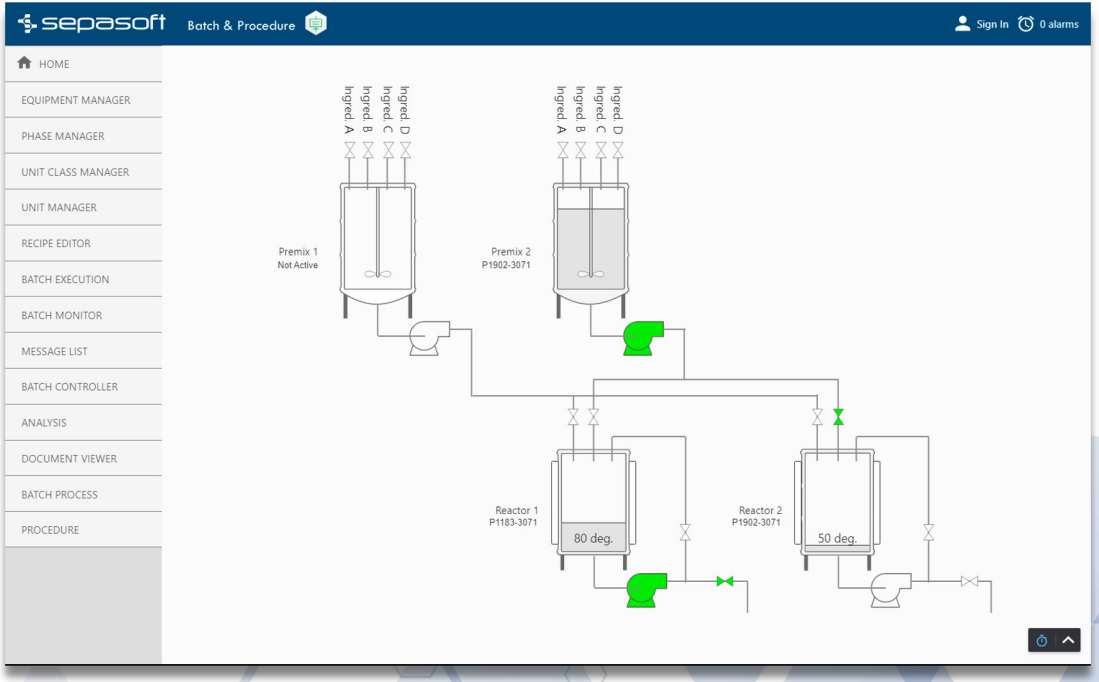
Batch & Manufacturing Procedure

- Graphical Recipe Editor
- Separation of Recipes and Equipment Control
- Golden Batch Comparison
- Real-Time Batch Status Visibility
- Electronic Batch Records
- Electronic Signature verification



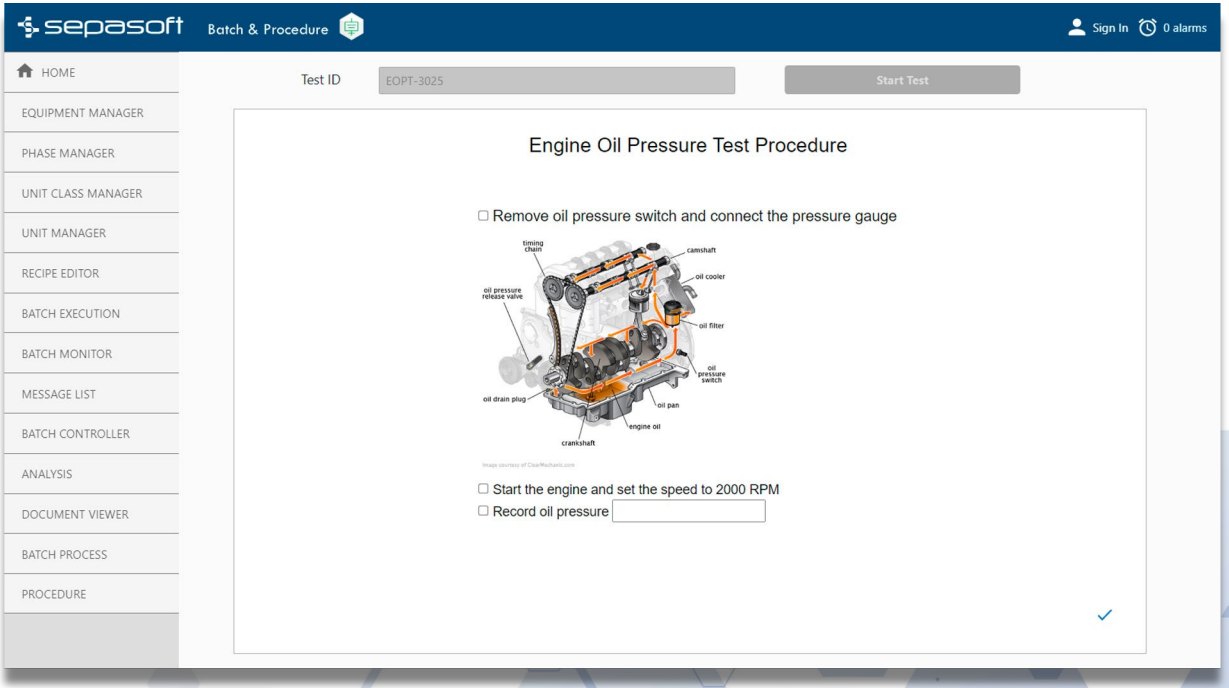
Batch & Procedure

Real-Time Batch Status



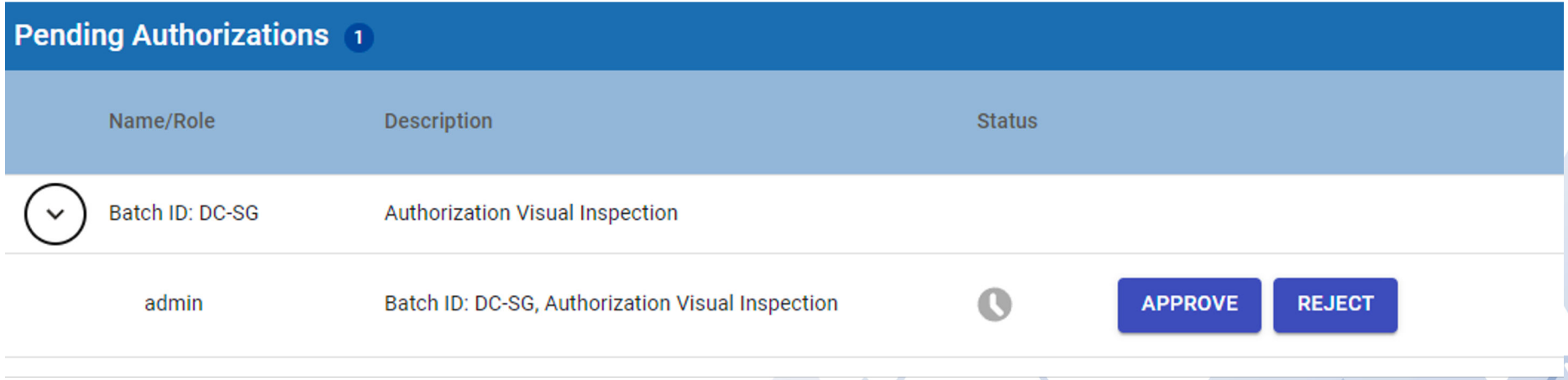
Batch & Procedure

Document Management



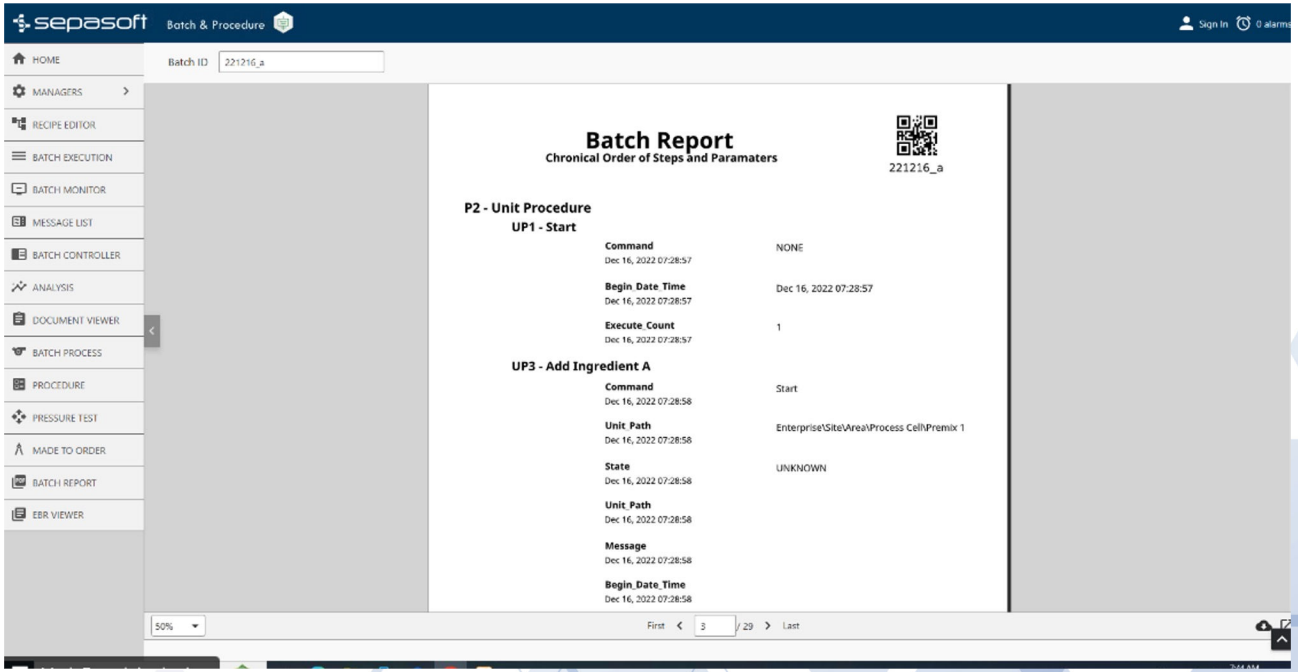
Batch & Procedure

Electronic Signatures



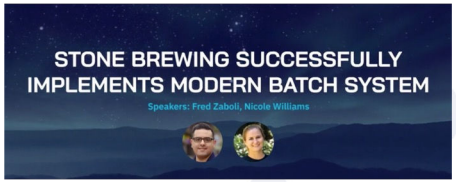
Batch & Procedure

Reporting (EBR)

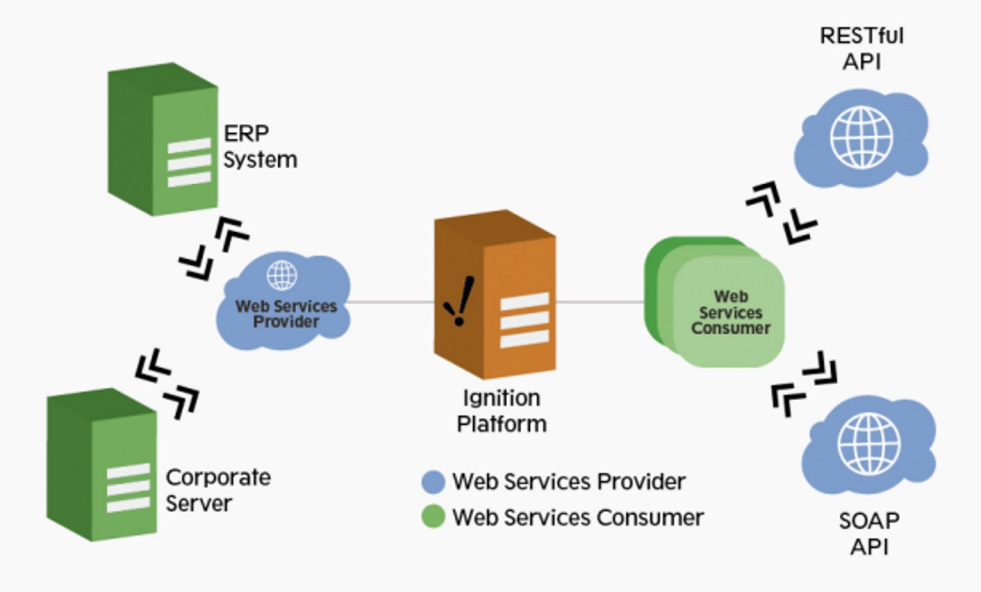


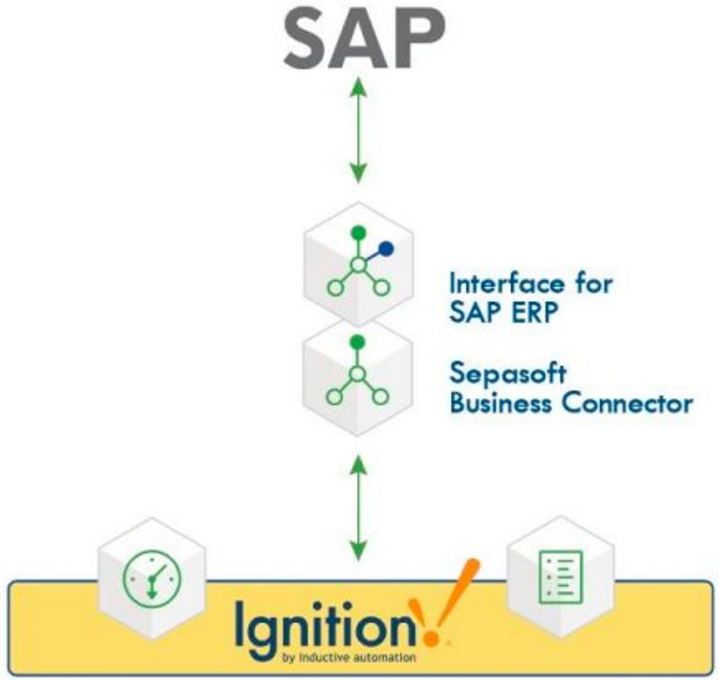
STONE BREWING

Challenge	Solution	Impact
● Recipe Management ● No control ● No feedback on status ● No verification on completion ● E-Signatures	● Batch & Procedure	**● Operator recipe creation (fast)** **● Visible Real-time data shared with other sites** **● Procedure & document management** **● More efficient workflows & reporting (EBR)** **● Electronic Signatures**



ERP Connectivity

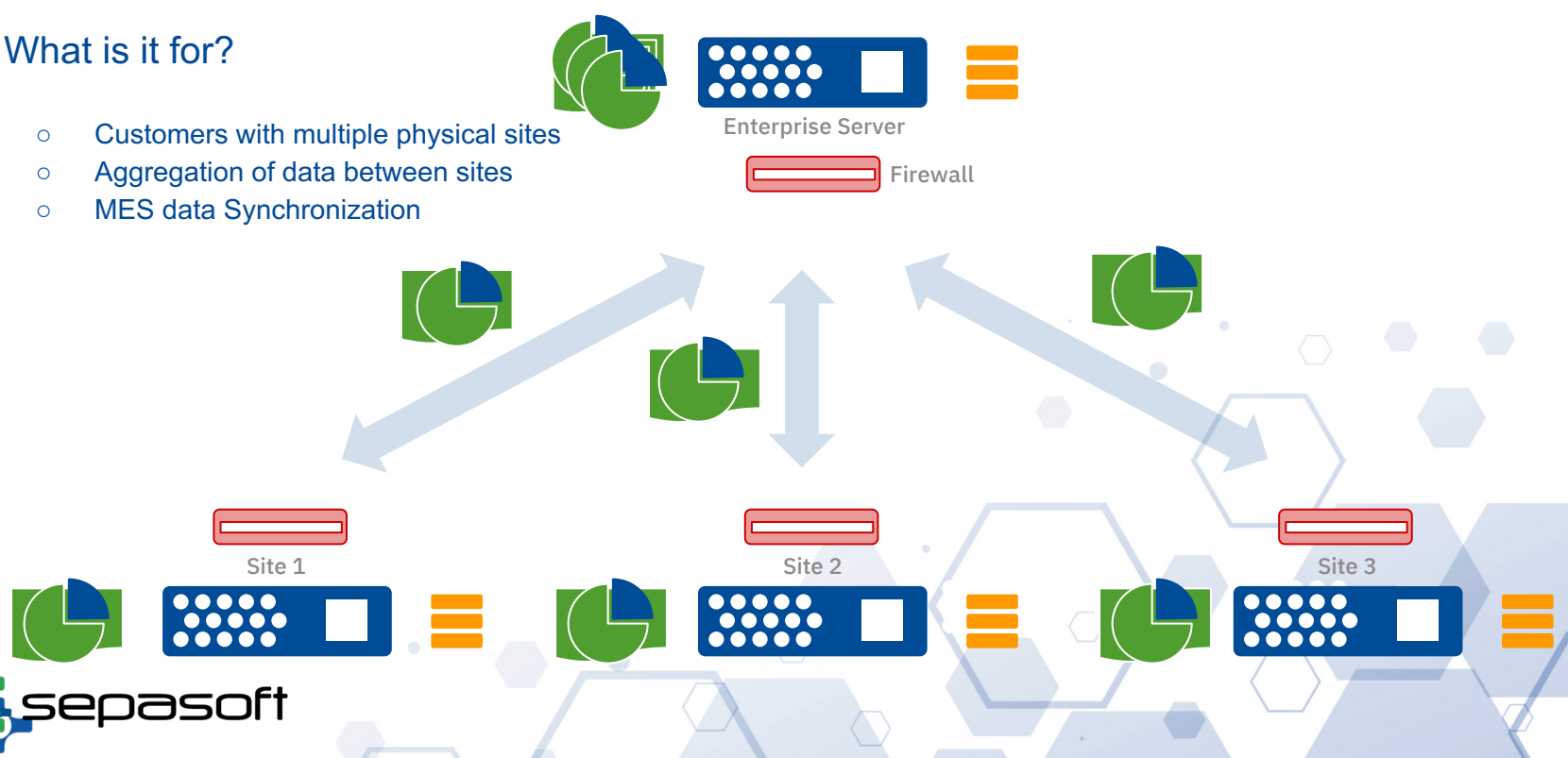




Enterprise Architecture

What is it for?

- Customers with multiple physical sites
- Aggregation of data between sites
- MES data Synchronization



sepasoft

Customer Testimonials

MES Testimonial

“Before we put Ignition in, getting real-time data was quite often a struggle. Typically, we were looking at information that was a day old. Now with Ignition / Sepasoft, the data is immediately available and highly actionable. It’s a world of difference.”

Ed Rodden, Chief Information Officer for SugarCreek

MES Testimonial

“The best experience is how intuitively the operators have adapted to using computers on the lines and the ownership they have shown using this new system. They are very aware of the dashboards and have preferred using the new system checks over the old paper forms.”

Brad Logsdon, Business Analyst at Swedish Match

Questions?