

AcuSYS Software Solutions

Product Overview



AcuSYS ^{SW}

Business Model



- Software Distribution

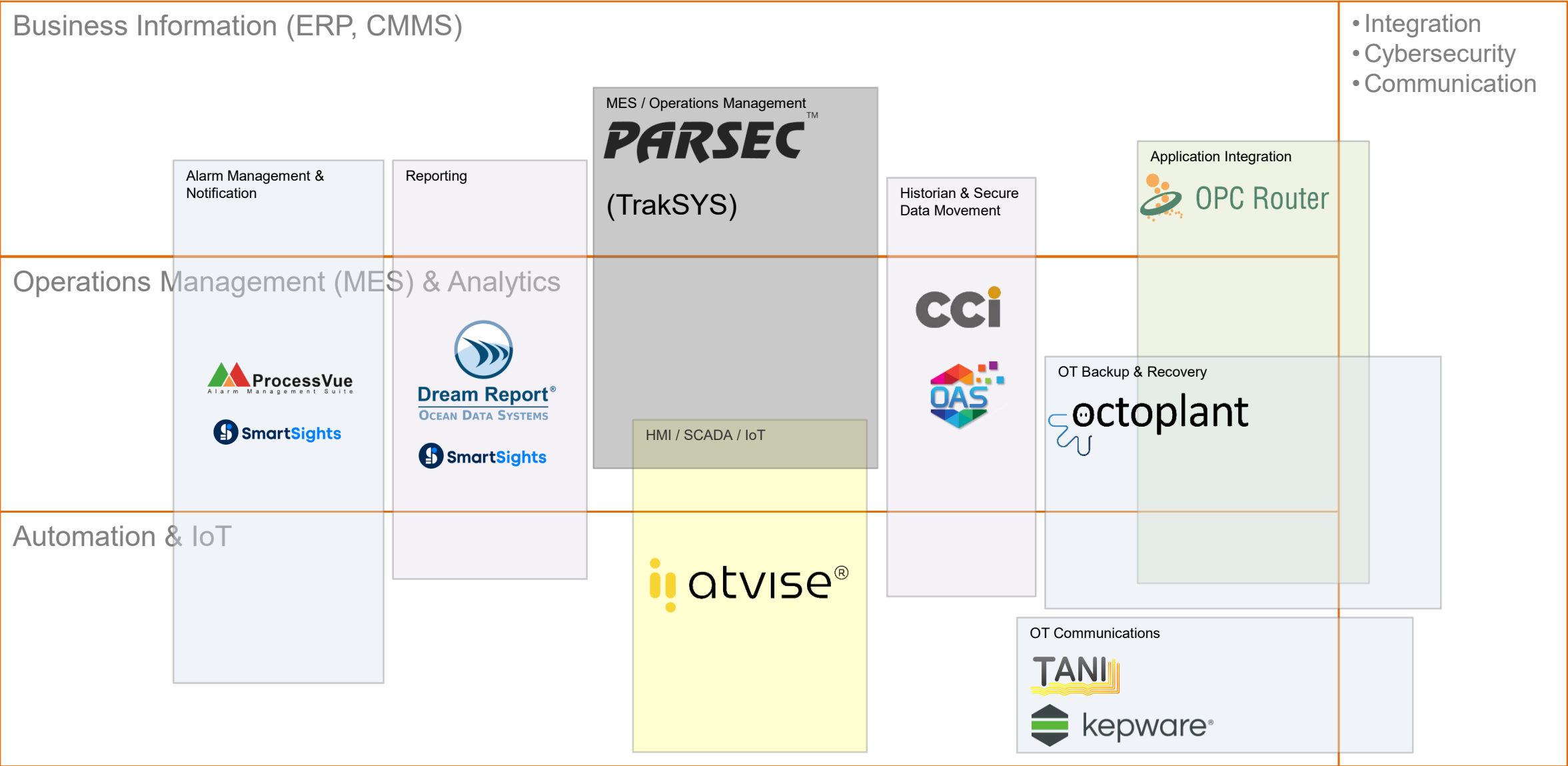
- In operation and profitable since 2009
- Large Southern Africa install base in mining & manufacturing
- Global leading products Parsec (TrakSYS) & Octoplant
- Competitive edge – current standards and technology

- Integration partners across Southern Africa

- Provide sales assistance, product training and first level support
- Help grow new service opportunities with enabling technology

www.acusys.net

Leading Industrial Software Applications



Automation Cyber Security, Backup & Version Control

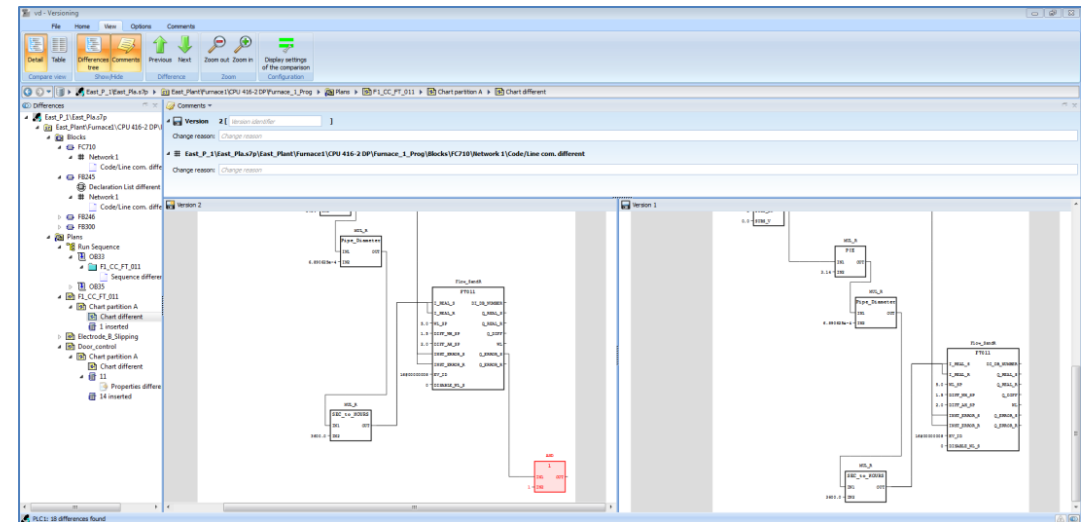
www.octoplant.com



Octoplant is a **OT Cybersecurity and Governance** solution for OT devices and software applications. Octoplant reduces the risk associated with managing the regular changes to control devices software and provides;



- Scheduled monitoring of PLC code
- Versioning with reasons for changes
- Standards Library management
- Graphical compares
- Supports all major PLC & HMI brands
- Helps protect staff and equipment
- Cybersecurity powered by asset details
- Helps customer meet audit requirements



RAND WATER

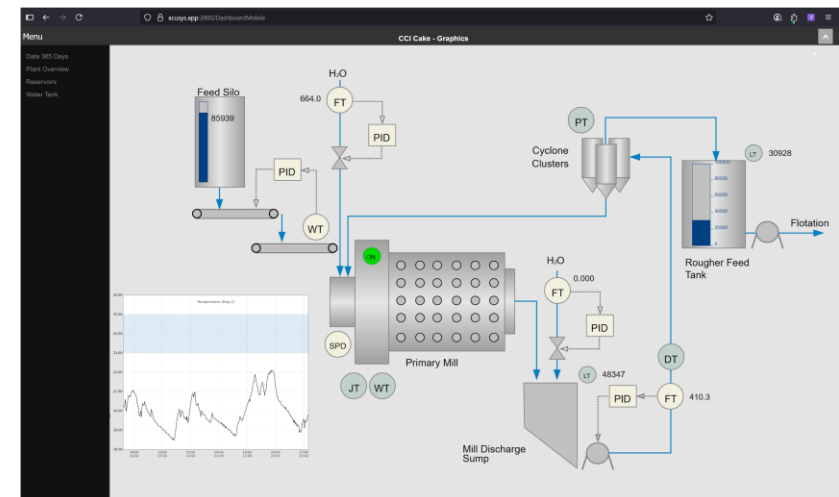
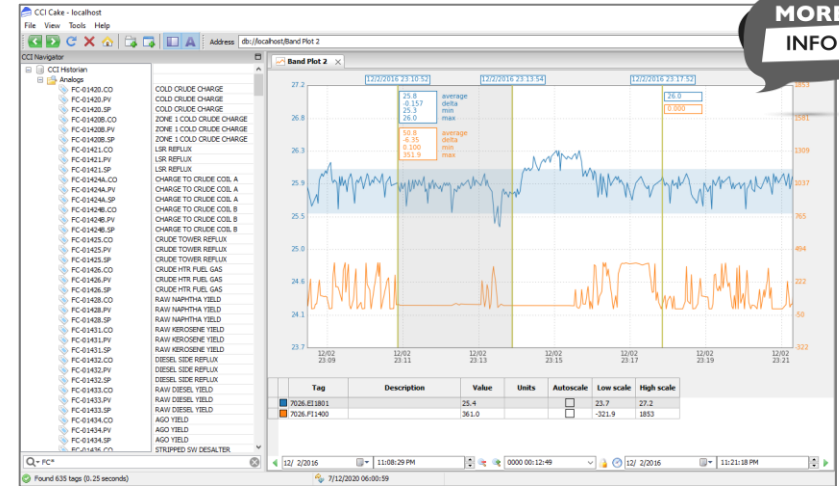
CCI Historian - High performance Process Historian

<https://www.controlconsulting.com/products/data-historian/>

CCI innovation in real-time

Real-time data historian and visualization for the process, industrial, and energy industries.

- 80 million values per second
- **Unlimited** tags, unlimited clients and all features enabled.
- Trend plots, histograms, XY scatter plots, Batch plots (compare different time frames to the "golden batch")
- Real-time graphics
- Calculated tags (**Python** (NumPy) scripting)
- Support for **Grafana** dashboards.
- OPC UA Client, Server and Historical
- Asset Model and Templates
- Microsoft Excel Integration
- Matplotlib — Python Visualization
- Notification and Reporting



Modern HTML5 SCADA , HMI or IoT

www.atvise.com/en/



Modern IoT, SCADA, HMI and Data portal in a web browser.
Secure, Real-time, HTML5 (Smartphone, iPad or Desktop)
Ideal for large monitoring (small to millions of I/O)

- Large European install base.
- Reduced engineering time, easy to maintain.
- All unlimited tags, alarms, history, development.
- Excellent on existing OT systems for plantwide visibility.
- Built on OPC UA software framework (Industry 4.0).
- Built with standard, modern technologies;
 - HTML5, SVG, JavaScript V8
 - **No** Plugins (JAVA, ActiveX, Silverlight)
- Reporting included
- Self-hosted / Cloud

Technology Leader

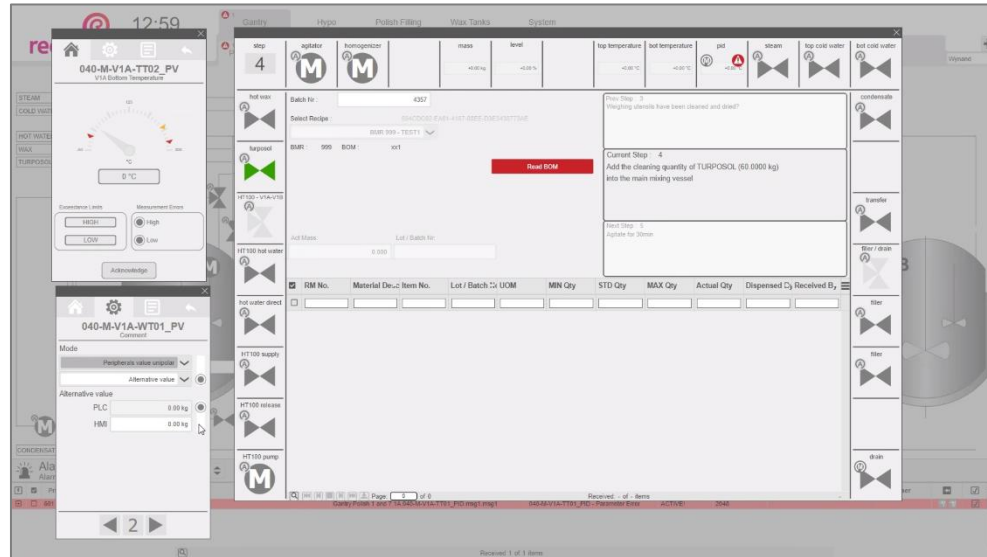
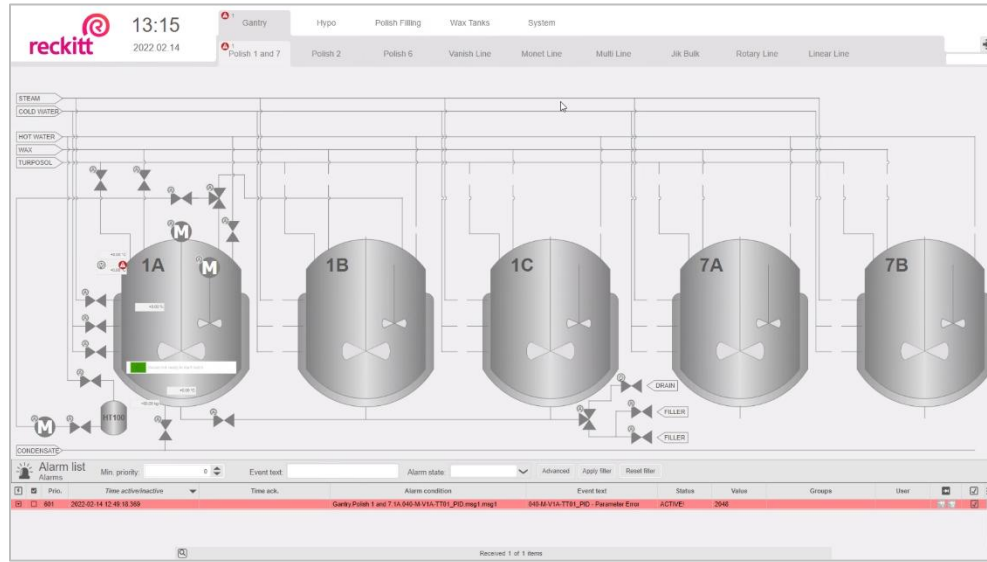
Demos: acusys.app
<https://demo.atvise.com/>

The diagram illustrates the connectivity of various devices to the atvise system. A central blue circle is labeled '2G/3G Smartphones'. Surrounding it are icons for 'Tablet', 'Laptop', 'Smart TV', and '4G Smartphones'. A 'MORE INFO' speech bubble is also present.

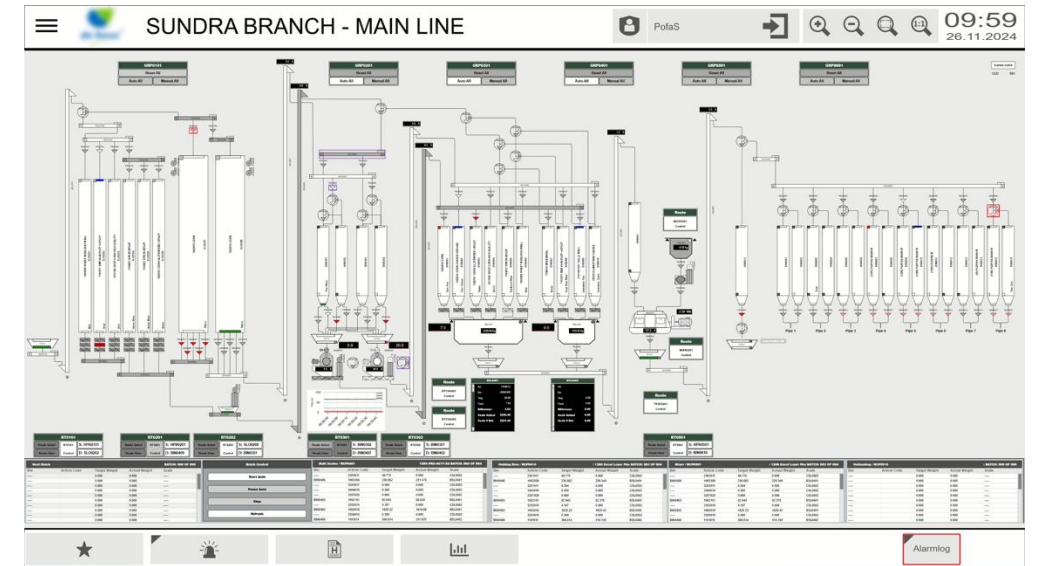
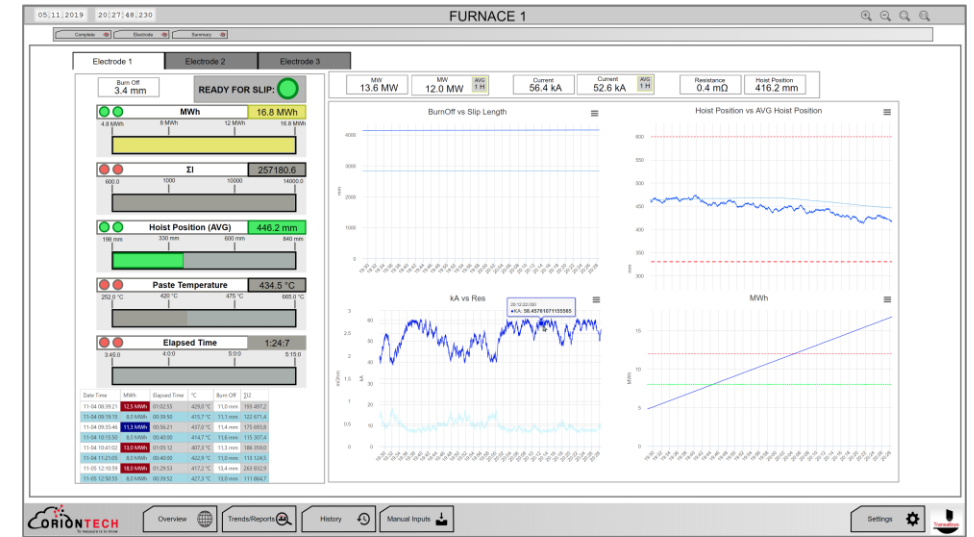
The screenshot shows the atvise SCADA/HMI interface. The top navigation bar includes the atvise logo, a search icon, and a settings icon. The main content area displays a process flow diagram with various components like 'Feeder', 'Conditioner', 'Screw Conveyor', 'Lump Breaker', 'Sieve Pin', 'Cooler Level', and 'Product'. A 'Performance Metrics' section on the right shows a radar chart and a line graph. The bottom right corner has a 'Classic' button.



Mine wide visibility – mobile & desktops



Electrode Management



Industrial Middleware for rapid, maintainable integration.

www.opc-router.com



OPC Router is the central communication platform for your industrial integration projects. It provides standard interfaces for automated data exchange across all levels.



Example OPC Router Plugins

- SAP, SAP Hana, ERP (SOAP, WSDL)
- REST, MQTT, JSON, XML
- OPC UA (data & methods)
- SQL, OLE, OLDB, MongoDB, Influx, SQLite
- AutoID, Barcode Readers
- .NET Script, Printers
- MQTT Sparkplug
- Apache Kafka

Benefits

- Rapid prototyping & fast delivery
- Redundancy
- Diagnostics

SAP® Certified
Powered by SAP NetWeaver®

The screenshot shows the OPC Router software interface. At the top, it displays "SAP® Certified" and "Powered by SAP NetWeaver®". The main window is titled "Run-time" and shows a graph of data flow over time, with a vertical axis labeled "3000 ms" and a horizontal axis showing dates from 12:00:00 to 12:02:00. Below the graph is a data flow diagram with three main components: "OPC UA/DA" (left), "SAP RFC" (center), and another "OPC UA/DA" (right). The "SAP RFC" component is connected to the left "OPC UA/DA" via a line labeled "6". The "SAP RFC" component has an "Import" section with "I_PRODUCTID" and an "Export" section with "E_PARA_COLORNO", "E_PARA_ERRORCODE", "E_PARA_LENGTH", "E_PARA_TREATING", and "E_PARA_WIDTH". The right "OPC UA/DA" component has an "Items" section with "Length", "Treating", "Width", "ErrorCode", and "ColorNo". A "Bit trigger" component is shown at the bottom, with a "Trigger item" of "ns=2;s=Simulation Examples.ProductionData.Machine1.Handshaking.TriggerBit" and an "Answer item" of "ns=2;s=Simulation Examples.ProductionData.Machine1.Handshaking.AnswerBit". The interface also includes a "Transfer Objects" panel on the right with a search bar and a list of data sources and destinations, and a "Triggers" panel at the bottom right with a list of triggers.

Open Automation Software

Unparalleled connectivity between PLCs, Devices, Databases, and Custom Apps

openautomationsoftware.com



Data Logging

High-speed, fault-tolerant logging to databases. Log IIoT data to multiple destinations at once with Store and Forward functionality to local and remote databases in an open format.

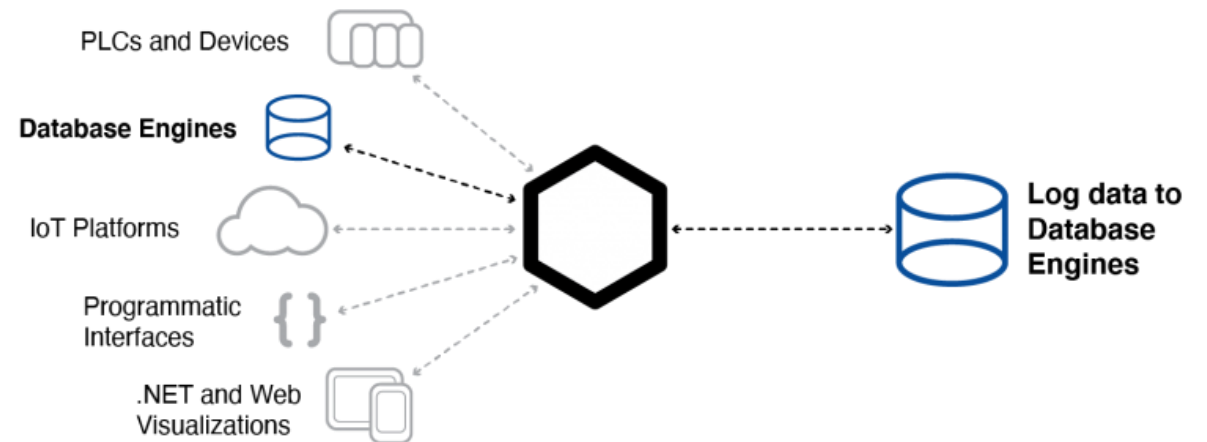


Reporting

Automate the generation of reports in multiple Formats (PDF, HTML, Excel, etc.)

IoT Connectors

Connect to cloud-base IoT gateways such as AWS, Azure IoT, and MQTT Brokers to move device data into the cloud. Secure tunnelling of real-time data.



Device and Data Connectors

The OAS Platform includes direct communications to Allen Bradley, Siemens PLCs, Modbus devices, MTConnect data streams, MQTT, Classic OPC and OPC UA data sources, open database, and more.



Automated reporting and Data analysis for Automation Engineers

dreamreport.net

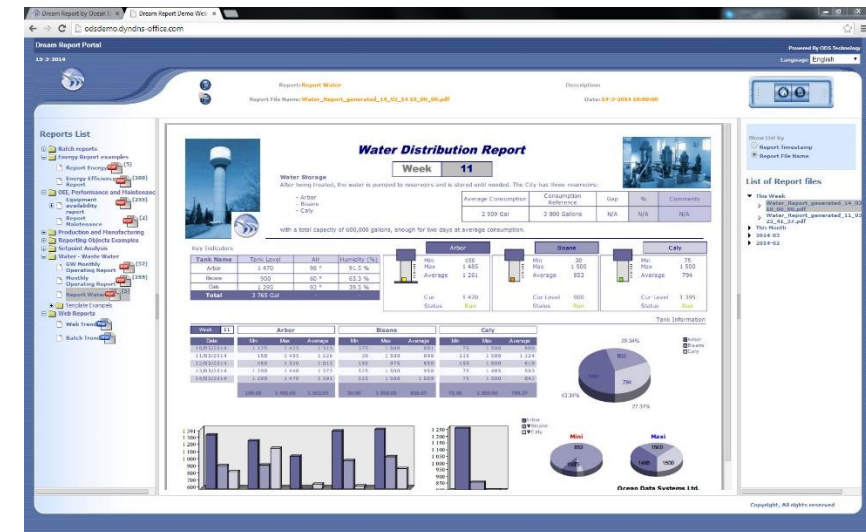


Dream Report[®]
OCEAN DATA SYSTEMS



Dream Report™ is a programming free, reporting and data analysis software designed specifically for industrial automation applications. It is designed to simplify the extraction of data from virtually any data source and Dream Report will provide automated reports via email, printer or Dream Report Web portal.

- Build reports like a HMI (graphical)
- Scheduled delivery of reports
- Provides PDF and Excel formats
- Support for Mobile devices
- Reads OPC UA HA (Atvise Historian)



Web Portal demo for mobile or desktop

https://demo.dreamreport.net/DRweb_Demo/webreport.aspx?Repld=1-Welcome-Demo



Win911 - Alarm Notification



smartsights.com



SmartSights Win911 is an alarm notification solution that reduces response time to critical process or production events by using real-time data and messaging users on multiple platforms.

Alarms are delivered via SMS, Smartphone Application, email or Printer based on escalation requirement and selected calendar period.



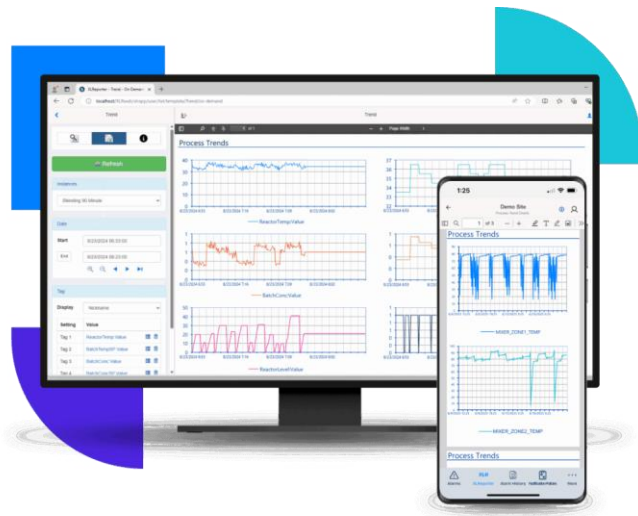
XLReporter



smartsights.com



SmartSights XLReporter 2025 takes reporting capabilities to unprecedented levels, offering secure, efficient reporting by harnessing the power of Microsoft Excel® without the need for Excel itself!



- Alarm Management ISA-18.2 & IEC 6282
- Equipment Effectiveness (OEE)
- Clean in Place (CIP)
- Batch and Machine Cycle

- Ignition Transaction Groups, Ignition Real-time, Ignition History
- Aveva System Platform
- PCS7 Real-time & History
- OPC UA data and history

[Connectivity Library - SmartSights](#)



ProcessVue Alarm Management Suite

www.processvue.com



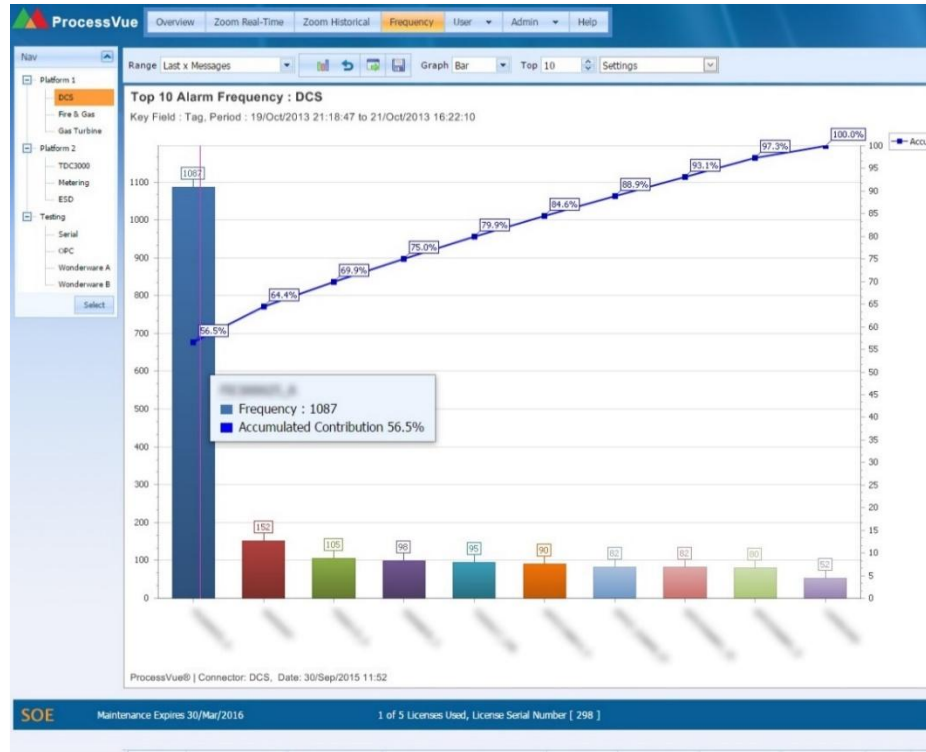
- 20 years experience and expertise in managing alarms.
- Increase operational efficiency using advanced alarm rationalisation tools.
- Increased effectiveness during critical incidents and peak loading.
- EEMUA 191 and ISA 18.2 KPI reporting.
- Operational intelligence for the control room - KPI's for the board room.
- Connect all your control assets and get a plant-wide view of alarm performance.

Vendor	Model	TCP/IP	Serial	File	OPC
ABB	800XA	•			
ABB	PGP	•			
ABB	MOD300		•		
Schneider	CitectSCADA		•		
Chronos			•		
Sysica / NP	APMS		•		
Emerson	DeltaV	•			•
Emerson	ProVox	•	•		
Emerson	RS3	•		•	
Emerson	Ovation				•
Hima					•
Honeywell	TDC3000		•		•
Honeywell	Experion	•			
Schneider	Foxboro I/A		•	•	
Schneider	Wonderware	•		•	
Johnson Controls	BMS	•	•		
Satchwell		•	•		
Siemens	PCS7	•			•
Siemens	Teleperm(TXP)		•		
Siemens	T3000	•			•
Transmitton			•		
Yokogawa	CS3000, XL		•		•



ProcessVue Alarm Management Suite

www.processvue.com



TrakSYS – Operation Management / MES

<https://parsec-corp.com/>

PARSECTM

Trusted by Manufacturers Worldwide

Founded in 1987, Parsec has more than 11,000 TrakSYS deployments in over 140 countries and in a variety of industries, including pharmaceutical, food and beverage, feeds, packaged goods, automotive, mining and more.

ABInBev

 **SUMITOMO**
RUBBER INDUSTRIES

 **HEINEKEN**

 **Hormel**
Foods

MARS
WRIGLEY

Coca-Cola

Bayer 

Chemtura

bp



Johnson & Johnson

 **MERCK**

 **JOHN DEERE**

JACK DANIEL'S


RAND REFINERY

Cummins

TrakSYS – Operation Management / MES

<https://parsec-corp.com/>



TrakSYS is a flexible, Manufacturing Operations Management (MOM / MES) platform that supports tailored delivery that perfectly match's the customer's specification.



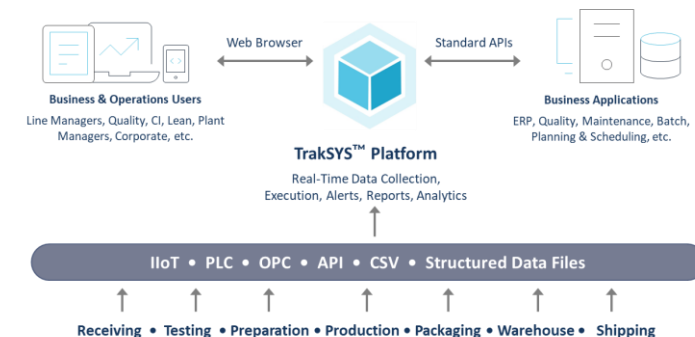
- Platform that allows rapid deployment of a customer specification
- Builds on Microsoft technologies (.NET core, SQL Server, Open AI)
- Allows projects to be implemented in bite size, manageable pieces

TrakSYS IQ uses AI technologies to streamline data access and reporting, allowing users to interact with production intelligence via text for voice requests.

Discover how utilizing TrakSYS enabled leading manufacturers to achieve a 454% three-year ROI, reduce errors by 28%, and gain over \$3M in annual revenue.



Download the IDC Value Study

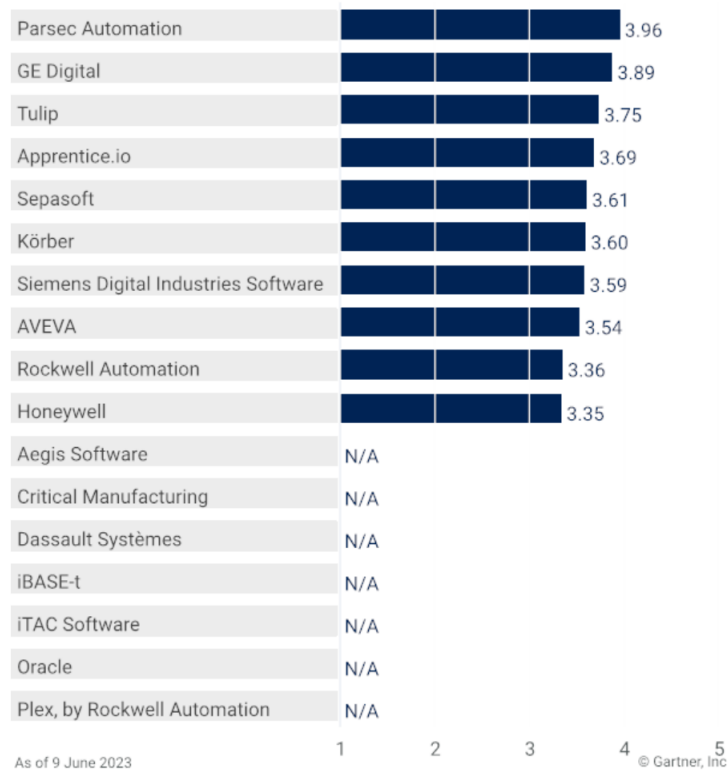


Parsec in MES

Parsec Scores Highest in 3 out of 4 Use Cases in 2023 Gartner® Critical Capabilities for MES

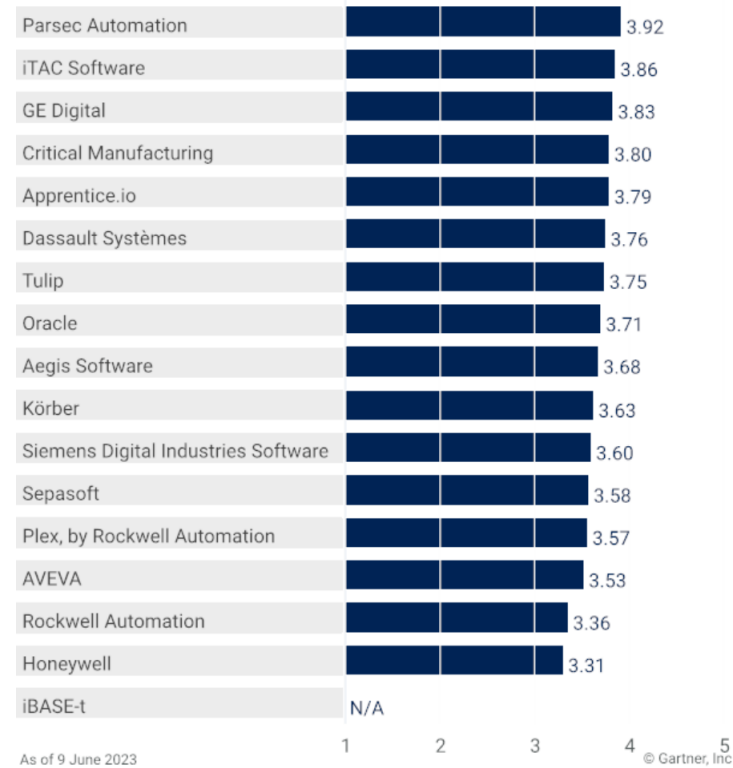
Vendors' Product Scores for Continuous Process Manufacturing Use Case

Product or Service Scores for Continuous Process Manufacturing



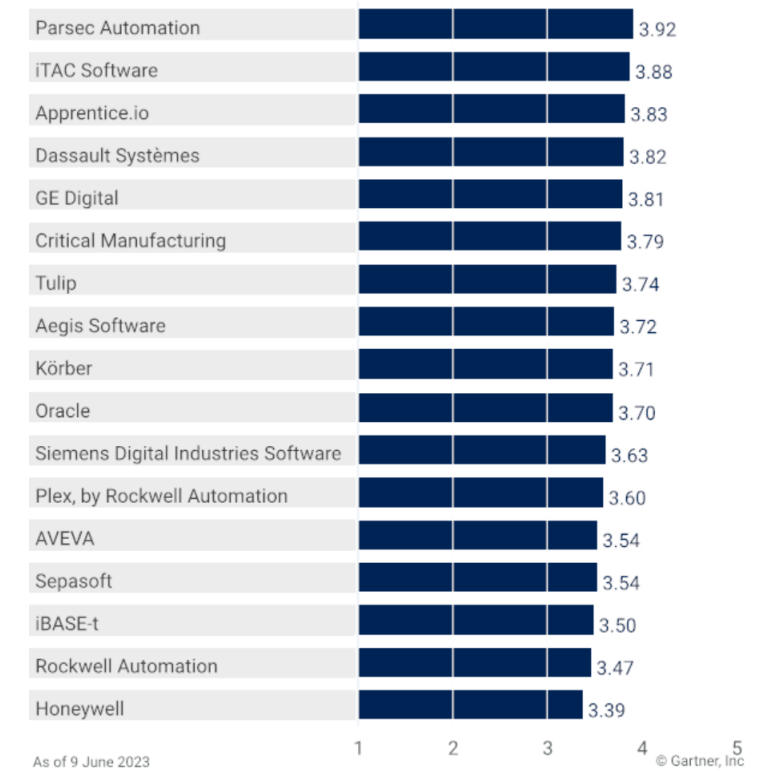
Vendors' Product Scores for Batch/Repetitive Flow Manufacturing Use Case

Product or Service Scores for Batch/Repetitive Flow Manufacturing



Vendors' Product Scores for Highly Regulated Industries Use Case

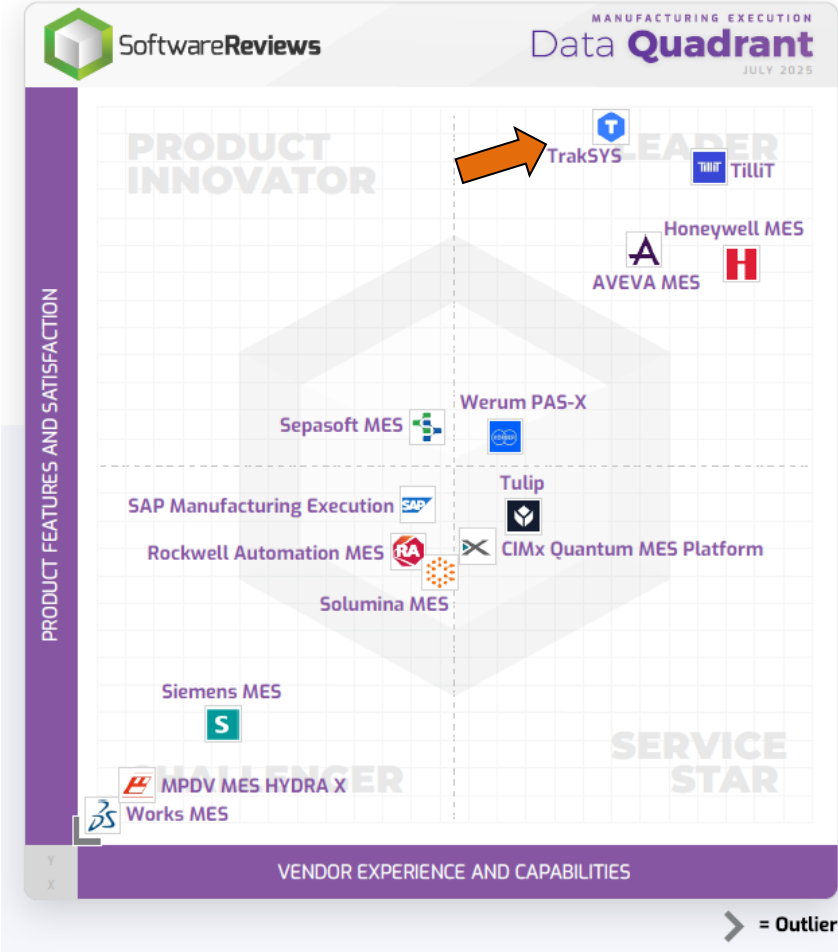
Product or Service Scores for Highly Regulated Industries



Industry Analysts positioning (2025)



[Manufacturing Execution System Technology Value Matrix 2025](#)



Category-Leading User Popularity

TrakSYS users provide overwhelmingly positive reviews, rating an...

8.2
 COMPOSITE SCORE

[Report-InfoTech-Manufacturers-Value-Their-TrakSYS-Deployments](#)

Typical operational applications for TrakSYS (not limited to)



Batch

Batch Management for more repeatable product quality and process efficiency.

[VIEW](#)



Compliance

Automate record keeping to streamline compliance and improve quality.

[VIEW](#)



Energy

Manage energy and your bottom line.

[VIEW](#)



Quality

Create and enforce quality by design culture.

[VIEW](#)



Inventory

Manage inventory more effectively using real-time production and ERP data.

[VIEW](#)



Lean

Manage continuous improvement initiatives more efficiently with digitalization.

[VIEW](#)



Maintenance

Manage maintenance more effectively using real-time equipment data.

[VIEW](#)



Performance

Optimize your manufacturing operations using real-time production data.

[VIEW](#)



Production

Optimize operations using real-time production data and synchronized planning and scheduling.

[VIEW](#)

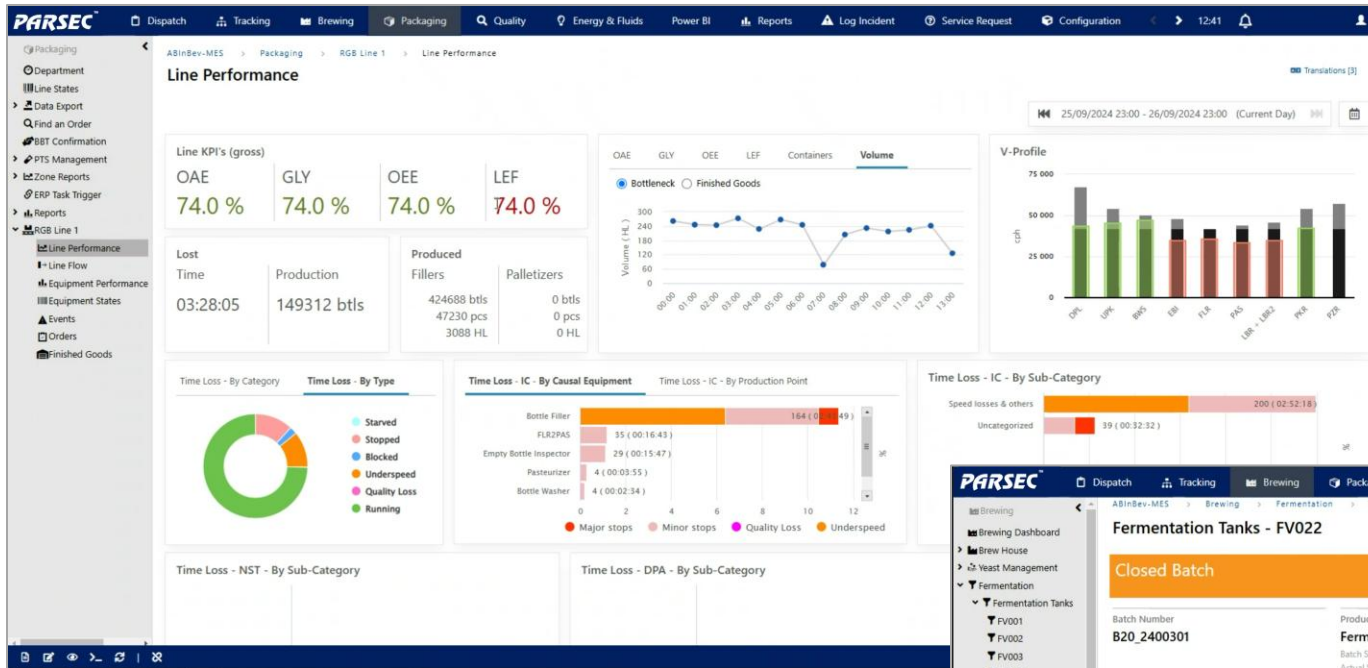


Traceability

Protect consumers, your brand, and your bottom line with enterprise-wide traceability.

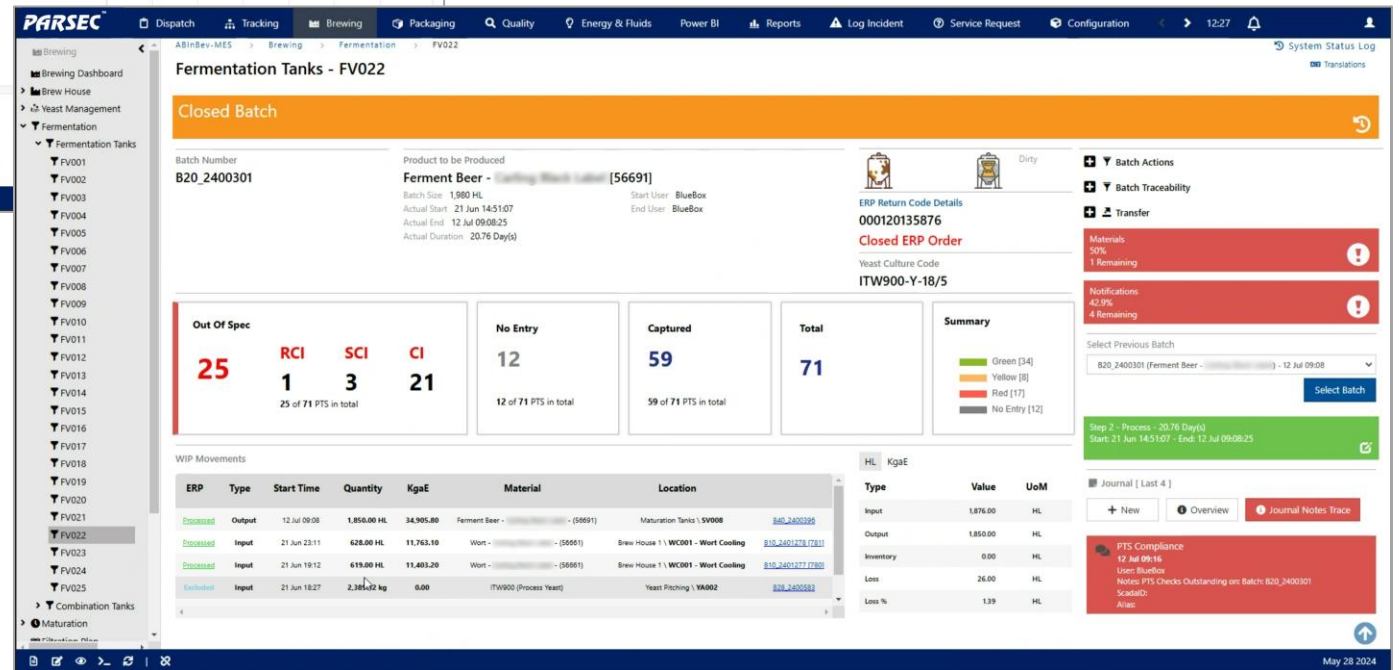
[VIEW](#)

Run your business with tailored, real-time dashboards



Performance, Batching, Track & Trace, Materials Management, Real-time feedback and management of Production operations.

Flexible dashboards designed to meet your business needs.



OPC UA / DA Communications Drivers

www.tanindustrie.de/en/



TANI



TANI OPC-Server provides a price competitive solution that connects visualization or SCADA software with controllers of various manufacturers.

The TANI OPC-Server Ethernet allows accessing to the controller from Siemens, Rockwell Automation, Wago, Modicon, Schneider Electric and others.

Communications is very fast, easy to configure and provides extensive diagnostics and overviews.

- Demo license run's for three days (after each start).
- Requires no annual software maintenance for updates
- Provides a fully redundant option
- Supports Symbolic browsing for Siemens and "Optimized Data Blocks" for 1200 & 1500
- MQTT (client & broker), SQL access, secure Tunnelling
- Provides a OPC DA & OPC UA server for client software

SIEMENS

**Rockwell
Automation**

**Schneider
Electric**

Modbus

MQTT

OPC UA

Device Interface Software (OPC Server)

www.kepware.com



Kepware's KEPServerEX Communications for Automation is the industry's leading communications platform that provides a single source of industrial automation data to all of your applications. The platform design allows users to connect, manage, monitor, and control diverse automation devices and software applications through one intuitive user interface.

KEPServerEX leverages **OPC** (the automation industry's standard for interoperability) and IT-centric communication protocols (such as SNMP, ODBC, and web services) to provide users with a single source for industrial data.

With many South African installations running with Siemens, Rockwell and Schneider PLC's Kepware is widely regarded as a safe, reliable communication solution.

SIEMENS

**Rockwell
Automation**

**Schneider
Electric**

Modbus

MQTT

OPC UA

AcuSYS



Justin Tweedie



+27 (82) 814-9431



justin.tweedie@acusys.co.za

Karin Fouche



+27 (83) 259 1936



karin.fouche@acusys.co.za