




PARSECTM

 **PREMIER**TM
SYSTEM INTEGRATORS
an ENTEGRASYSTM Company

SEE THE FUTURE OF DIGITAL TRANSFORMATION UNFOLD

Using TrakSYSTM,
the World-Class Manufacturing
Operations Management Platform



“As an integrator and a manufacturing company, we welcomed the opportunity to leverage TrakSYS in our discrete assembly operation. We continue to realize new benefits from our TrakSYS implementation and invite you to come see our Digital Transformation unfold.”

Andy Ask – Operations Manager, PREMIER

16 17 18 19 20
11 12 13 14 15

TURCK

Pwr

1 2 3 4

1	NO	NC
2	off	LM
3	NO	NC
4	off	LM

Zone 2: Do not dis-
connect when live!

interface
IM1-451Ex-T

6 7 8 9 10
1 2 3 4 5

16 17 18 19 20
11 12 13 14 15

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PREMIER System Integrators provides turnkey integration services for manufacturing facilities in North America. Since its inception, PREMIER has also offered panel fabrication and installation services. Its manufacturing division is a UL-listed, full-service panel manufacturing facility that constructs control panels for any industrial or commercial application and provides design assistance.

Summary

To become truly world-class, manufacturing entities must be laser-focused on one goal – running their operation as productively as possible. The complex world of manufacturing needs smart and agile solutions to work effectively. With its TrakSYS manufacturing operations management platform, Parsec Automation Corp. devises creative and innovative answers for some of the most challenging issues manufacturers face on a daily basis.

TrakSYS is a next-generation MOM platform that goes beyond traditional OEE solutions with out-of-the-box functionality that utilizes real-time data to provide the monitoring, measuring, reporting, and analytics that companies need to run their operations more efficiently. Here is the story of how PREMIER System Integrators, a Parsec-Certified Gold Partner, incorporated TrakSYS to achieve peak performance in its panel manufacturing division.



Real-Time
Performance Metrics



Quality
Control



ERP
Integration



Inventory
Management

Goals

PREMIER's Goals with TrakSYS Included:

As both an integrator and a manufacturer, PREMIER welcomed the opportunity to leverage TrakSYS in its discrete assembly operation. After partnering with Parsec, the opportunity for more-efficient processes in the panel manufacturing shop became apparent, and the PREMIER-Parsec Center of Excellence for Discrete Manufacturing was formed. General goals the panel shop sought to achieve from this partnership were to:

- Reduce customer complaints by 30%
- Reduce labor costs by 5% through enhanced operator engagement
- Reduce administrative workload by 50%
- Generate real-time KPIs

“TrakSYS has given us the tools we need to satisfy our customers who ask for verification of an in-house quality control system. With TrakSYS, we have implemented new quality control check procedures and have the proper documentation to verify that quality control checks are being performed and accountability measures are in place.”

Tony Freeman – MFG Supervisor, PREMIER

Solution Overview

The TrakSYS comprehensive manufacturing management and operator interface is integrated with PREMIER's ERP and payroll system. All of PREMIER's panels go through extensive quality tests and require order management which entails creating and printing setup sheets, labels, and quality documentation, groupings for assembly efficiency, and other administrative tasks. Every panel order is tracked through the shop, including labor for each assembly step, all inspections, and any UL serialization required by PREMIER's customers. Functions performed by TrakSYS include:

- TrakSYS has become the system of record for quality data used in auditing and customer compliance reports.
- TrakSYS connects to multiple systems including PREMIER's Project Management Application, Microsoft Dynamics and their payroll system.
- Operators have accountability to their production goals with TrakSYS providing visibility of their progress in real time.
- With an expanded toolset, leadership has similar views that aid in root cause problem-solving.

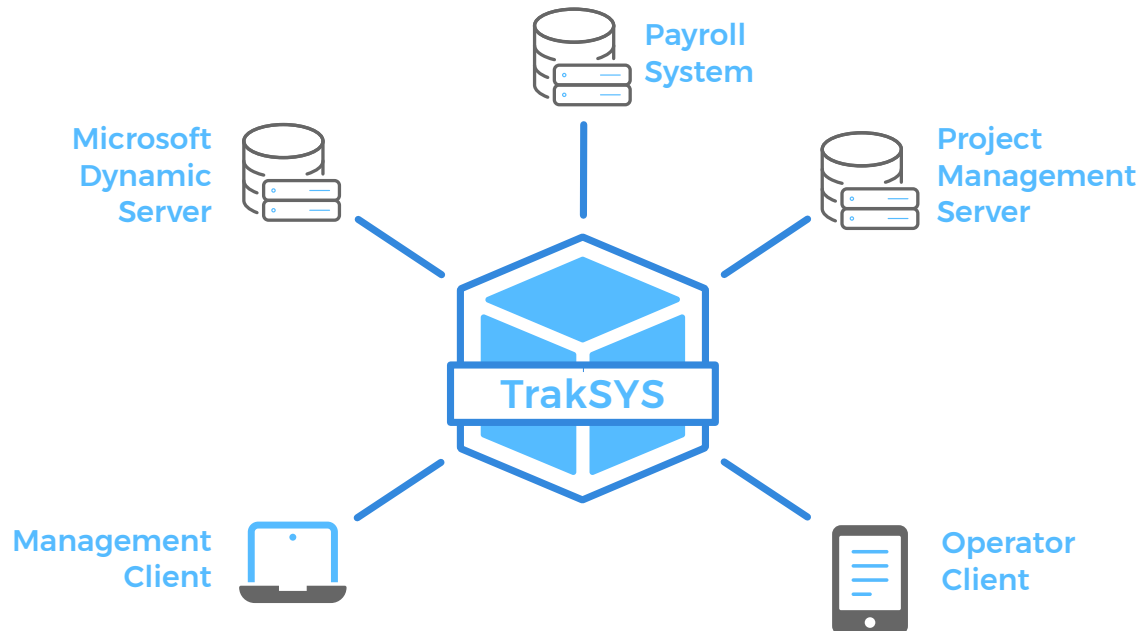
"With the implementation of TrakSYS, our technicians spend less time keeping track of paperwork, and more time pushing orders out the door."

Chandler Odom – Manufacturing Operations Coordinator, PREMIER

Solution Architecture

TrakSYS interfaces with several internal systems to gather critical data and manage production.

TrakSYS is used to enhance scheduling, material management, quality, performance factors, ERP integration, and serialization. Solution architecture surrounding the TrakSYS platform includes a payroll system, project management server, Microsoft Dynamic Server, management client access, and operator client access. Floor tablets have limited access for cybersecurity purposes.



Results

TrakSYS has bridged the gap between data and real-time results with live screens providing feedback to both technicians and leadership.

PREMIER has realized:



Substantial labor savings for administrative tasks



Reduced customer complaints



Increased visibility of real-time metrics



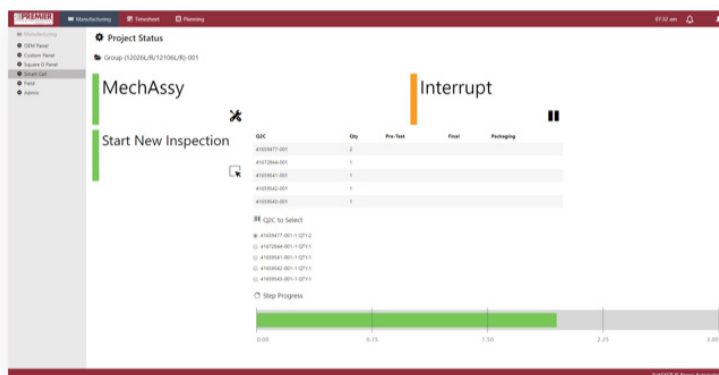
Increased labor productivity



Improved order management



Increased product quality



Project	QIC	Description	Pre-Test	Final	Packaging
11611L-000	41627169-001	ICWL220SERMS	11/15/2018 8:25:54 AM	11/15/2018 11:07:08 AM	11/15/2018 12:08:19 PM
11611L-005	41682771-001	ICWL2222M01	11/27/2018 12:38:13 PM	11/27/2018 12:14:36 PM	11/27/2018 12:34:47 PM
11614L-004	41611324-001	ICWL2422M01	11/6/2018 1:19:32 PM	11/6/2018 1:19:20 PM	
11614R-007	41633305-001	ICWR2422M01	11/15/2018 3:24:42 PM	11/19/2018 1:28:00 PM	11/19/2018 1:20:44 PM
11614R-007	41633305-001	ICWR2422M01	11/19/2018 1:24:26 PM	11/19/2018 1:28:00 PM	11/19/2018 1:20:44 PM
11614R-008	41655615-001	ICWR2422M01			
11614R-009	41705492-001	ICWR2422M01			
11615L-004	41655108-001	ICWL263K355			
11615L-005	41659478-001	ICWL263K355			
11615L-006	41672843-001	ICWL263K355			
11615L-007	41685565-001	ICWL263K355			



Parsec is the developer of TrakSYS™, a real-time manufacturing operations management software platform deployed at thousands of factories in over 100 countries. TrakSYS aggregates data from multiple sources to deliver real-time, actionable intelligence that helps manufacturers to reduce production costs, decrease lead time, and improve profitability. To learn more about Parsec and TrakSYS, please visit www.parsec-corp.com.

Address: Parsec Automation Corp.
180 N Riverview Dr., Ste. 300
Anaheim CA 92808 USA

Web: www.parsec-corp.com
Phone: +1 (714) 996 - 5302
Email: info@parsec-corp.com



Founded in 1991 to provide turnkey system integration services for manufacturing facilities in the Southeast, PREMIER System Integrators, Inc.™ has grown to be a multifaceted organization providing a wide range of services to manufacturers across the US. From its headquarters in Smyrna, TN, about 20 miles southeast of Nashville, PREMIER offers panel fabrication and installation, as well as ICS cybersecurity and network architecture services in addition to its core business of industrial controls and manufacturing information systems integration. Visit the website at www.premier-system.com to learn more about panel manufacturing and TrakSYS integration.

Address: PREMIER System Integrators, Inc.™
140 Weakley Lane
Smyrna, TN 37167

Web: www.premier-system.com
Phone: +1 (615) 355 - 7200
Email: sales@premier-system.com