



SMARTMOVES-WX®



TREW® TO YOU

At our core, Trew is an automated material handling solutions provider for integrators and end-users. Our capabilities are built on the 20-year foundation of two innovative and respected companies: Hilmot and Tech King Operations.

We leverage this wealth of experience every day to bring you more than just subject matter experts but teams who serve as consultants, software-, hardware-, service- and support-partners who listen to you, share our know-how, tell you what we can and cannot do, and work with you to deliver uncommonly smart solutions.

Successful business gets done when trusted partners work together to win together.

WE DELIVER AUTOMATED FULFILLMENT SOLUTIONS TAILORED TO YOUR BUSINESS:

Apparel & Fashion > Ecommerce > Food Supply Chain > General Merchandise > Health & Pharmaceutical Manufacturing > Postal & Parcel > Retail Fulfillment > Third-Party Logistics > Wholesale/B2B







Omnichannel



Direct to Consumer



Hyperlocal



Micro



Returns







Today's warehousing environments require smart systems. Trew® is on the leading edge with software solutions that organize and manage work to influence outcomes, from storage and picking through sortation and shipping.

Our SmartMoves-WX WES organizes workflow and assignments, coordinating people, process, and automation equipment to influence operational outcomes.

We build from standard modules to create client-specific, tailored solutions that deliver automatic, efficient execution of user tasks and fulfillment operations.

It's all designed to get work done quickly and correctly.

WE OFFER:

Continuous Order Management > Fulfillment Operations > Automation Systems

Warehouse Execution Software (WES) > Warehouse Control Software (WCS)

PLC Conveyor Controls > Project Management > Installation Services > 24x7 Technical Support

SmartMoves-WX® modular design delivers solutions for split case, full case, mixed load and full pallet fulfillment operations.











SMARTMOVES-WX

ORCHESTRATES YOUR WAREHOUSE

Comprehensive systems architecture, organization, and management to optimize how work gets done.





CHAMP™ WCS

CONTROLS THE FLOW IN YOUR WAREHOUSE

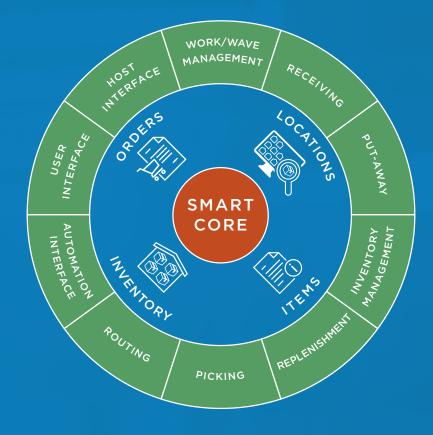
Tools that manage automated flow through a facility, providing managers with real-time visibility, data analytics, and control.



CHAMP™ PLC

CONTROLS THE EQUIPMENT IN YOUR WAREHOUSE

Industry standard automation control and electrical system design backed by 24x7 technical support.



The SmartMoves-WX extensible architecture changes how projects are delivered.

- **SMART CORE** manages locations, inventory, and item and order tables; it also provides framework and common services.
- **SMART MODULES** can be standard plugins and/or tailored to your operations.



WHAT MAKES SMARTMOVES-WX® UNIQUE AS A WAREHOUSE EXECUTION SYSTEM?

It's not hard to make a complex system. It's difficult to make a system that manages complex processing simple to use and reliable in performance. We do that.

We have listened and learned from meeting companies that have been unable to realize expected output and systems that fail to perform. Why? Because building complex systems is easy. It's building systems that are simple to manage, scale, measure, adjust, and train that causes the disruptions. That's where we shine.

We don't over-promise. We assess each situation as unique and deliver our analysis up front. If we're a great fit, we will outline options to optimize every phase of your WES. And we'll show you how you can scale to match your growing needs. Perhaps even more importantly, we will tell you what will not work—even if that means we're not the best fit.







Unfortunately, too many businesses have been impacted by system promises that failed to deliver. But how do you determine the difference between promises and solutions you can count on? For Trew[®], it starts with our Blueprinting process and how SmartMoves-WX continuous fulfillment engine works to deliver efficient outcomes. Combined, they create uncommonly smart solutions to help you thrive.



WORK PLAN FOR SUCCESS AND EFFICIENCY

We start with the end in mind, and figure out what work can successfully get completed, and what needs to take priority.



CONTINUOUS PUSH-PULL PRIORITIZED WORK RELEASE

Working backwards can deliver more results.
Our work release methods pull work to fill operational capability and pushes work when it needs to.



SCALED ARCHITECTURE TRANSACTIONAL AWARENESS

Execution decisions are based on transactional awareness that influences how tasks are performed.



MULTI-LEVEL LOAD BALANCING

We increase output by assessing volumes and balancing loads across the system.



UoM AND RESOURCE COORDINATION

Ongoing coordination is based on Units of Measure and resources to make the most efficient move.



THE TREW® BLUEPRINTING PROJECT SUCCESS

Like you, we do not like project surprises. Our collaborative Blueprinting process eliminates surprises and creates a plan for success. We work with your team to collect, validate, and map requirements to product, organizational and operational goals.



PHASE 1:

DISCOVERY

We collaborate with your stakeholders in a series of activities to identify and create a plan for success.



PHASE 2:

RESULTS

We help align your IT, Operations, and Trew® on implementation that creates business value while applying more standard product.

WE DEFINE THE PROJECT:

- > Align operations, IT, and Trew with the requirements
- > Create a plan to connect automation with business value
- > Identify gaps and their resolution
- > Create clarity and define strategies to lower risk

WE DEFINE THE FLOW & **INTERFACES:**

- > Process Flow
- > Software Flow
- > Integration Interfaces
- > User Interface

THE TREW BLUEPRINT:

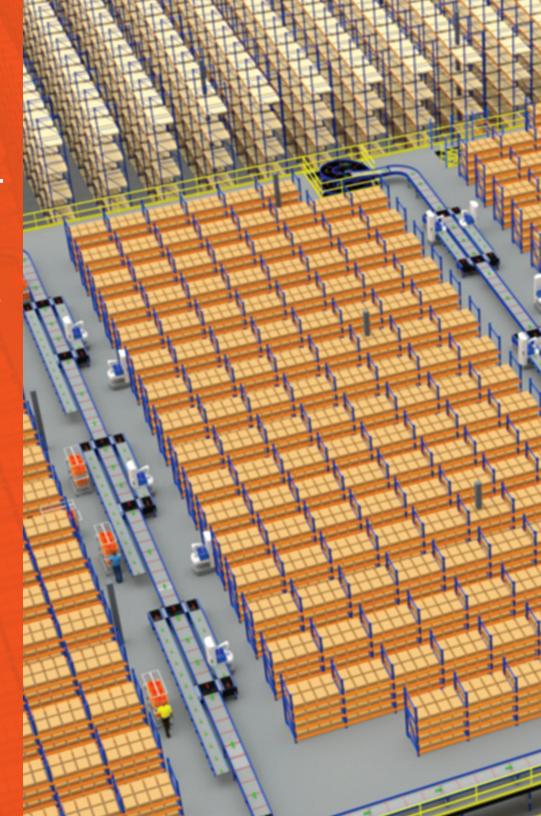
- > Functional Specification Document Describes the software application and process flows
- > Interface Specifications Document Defines protocols and interactions with WMS, MHE, etc.
- > User Interface Specification Documents Maps out navigation and wire-frames, plus provides samples screens and reports
- > Test Plan and Test Cases Creates a measuring stick for your system
- > The Plan Aligns implementation scope and schedule

IS IT TIME TO IMPLEMENT SMARTMOVES-WX®?

We're successful when your products have made it as efficiently as possible on to your dock ready for delivery.

Not every company is ready for SmartMoves-WX implementation, and that's fine with us! Key to our approach is making sure the time is right for each organization we work with. If that's you, let's talk.

Our proven track record of successful and scalable systems simply means that organizations that trust Trew® to deliver tend to thrive with our solutions. Helping you thrive is our goal. If the time is right for you to consider SmartMoves-WX, we want to be the automation company to deliver for you.



Trew® WCS / WES / WMS feature alignment

What is the right fit for you? Use this checklist to break down the elements critical for your success, desires for future needs, and goals for long-term progress.

KEY MODULES		PLC	wcs	WES	WMS	KEY MODULES		PLC	wcs	WES	WMS
Ecosystem Management	External (Store) Replenishment					Planning	Slotting Optimization				
	Global View of Inventory						Dynamic Slotting				
	Multi-channel Fulfillment						Mixed Item Slotting				
	External (Store) Replenishment						Cartonization Optimization				
Receiving	Advanced Shipping Notification						Order Waving				
	Receiving						Hot task prioritization				
	Cross-Docking						Waveless Picking Workflow Management				
	Inspection/Quality Control						Order Routing				
	Value-Added Services (Receipt)						Inventory Management				
	Put-away						Labor Tracking				
Receiving & Put-away	Multi-location Inventory Control					Automation Integration & Control	Pick-to-light				
	Location Replenishments						Carousel Picking				
	Cycle Counting						Robotic depalletization/palletization				
	Location Management						Automated Material Storage/Retrieval				
Shipping & Dock Management	Yard Management						Goods to Worker Stations				
	Dock/Appointment Scheduling						Machine Control Systems				
	Document Management/Manifesting						Conveyor Sortation Control				
	Order Staging						Automatic Label Print and Apply PANDA				
	Shipment Preparation & Execution						Peripheral Control				
Order Fulfillment	Bulk/Case Picking					Miscellaneous	Value-Added Services (Order)				
	Forward-Picking Replenishment						Task Interleaving				
	Order Picking (Case, Pallet)						Labeling				
	Each Picking						Third Party Billing				
	Pick & Pass						Cartonization				
User Interface	Mobile/RF Solutions						Packing & Palletization				
	Voice Solutions						Parcel Integration				
	Mobile Tablet Supervisory Use						Shipping & Manifesting				
	Back-Office Desktop					BI and Visibility	Reporting, Monitoring and Analysis				

FEATURE ALIGNMENT:







> Support

We know choosing a material handling partner with robust support capabilities is critical to the success of your operation. Uptime and productivity allow you to deliver on your customer promises. Our in-house parts specialist and 24x7 technical support team are ready to help.

Technical Support or Field Service:

CALL:

+1-800-571-TREW (8739)

EMAIL:

support@trewautomation.com

Parts:

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