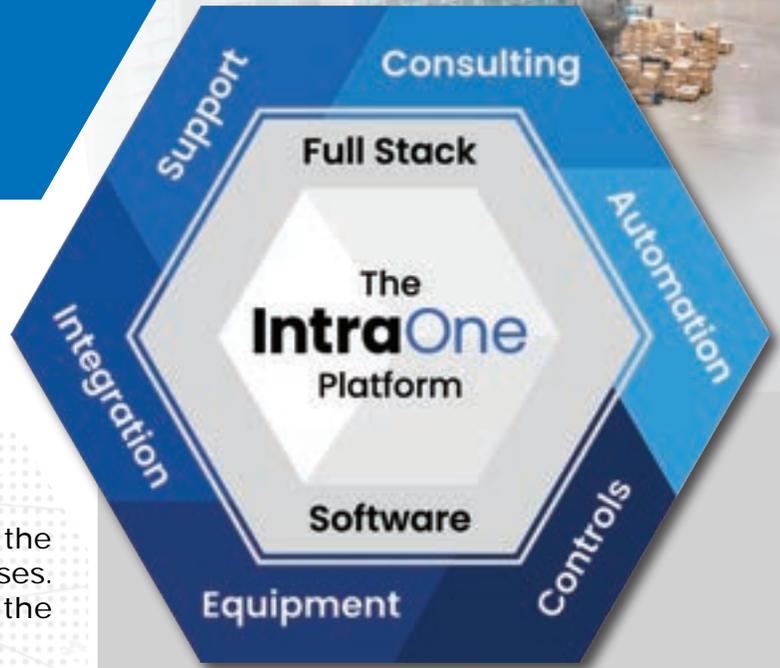


SERVICE OFFERING GUIDE

IntraOne™

Enterprise Logistics Platform

One Partner.
One Platform.
One Result.



The Platform

The **IntraOne** Platform is an interconnected collection of warehouse and distribution services and technologies that provide a solid foundation upon which businesses can reach new levels of performance and impact their bottom lines.

IntraOne will help you change and adapt to the never ending demands placed on businesses. With **IntraOne**, your business can realize the benefits of tomorrow's technology, today.



Software

- Full Stack suite (WCS, WES, WMS, TMS)
- Advanced BI & Dashboards
- PLC Controls & HMI



Consulting

- Facility Planning
- Technology Selection
- Network strategy
- Process Planning



Automation

- Mobile Robotics
- Goods-to-Person
- Collaborative Robotics
- Automated Systems



Controls

- Graphic HMI
- PLC Controls
- Automatic ID
- Panel Fabrication



Systems Integration

- Conveyor Systems
- Unit Sortation
- Picking Solutions



Equipment

- Lift trucks
- Lift Platforms
- Burden Carriers
- Parts, Rental & Service



Support

- 24/7 Support
- Service Agreements
- Training & Onboarding
- Replacement Parts

The IntraOne Advantage

We are the one provider you can depend on by committing to the following:

- **Embracing the current status** of an organization's unique journey.
- Enabling a **cohesive long-range strategy**
- Streamlining engagements using **in-house expertise**.
- Using data to support **technology selections**.
- Empowering organizations with **actionable data**.
- Facilitating outcomes with **operational support**.
- Leveraging R&D to identify **best-of-breed technologies**.
- Maintaining a **neutral** position & focusing on the best solution.
- Optimizing Performance with leading-edge **Full Stack Software Solutions** to connect technologies and empower better outcomes.

Hy-Tek
INTRALOGISTICS

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IntraOne™ Consulting

One Partner.
One Platform.
One Result.



Building Your Project Team

When engaging a supply chain consultant, close collaboration, dedication, and a broad range of experience are as critical as the data.

Our consulting engagements allow your project team to benefit from the wisdom of seasoned executives, data analysts, project managers, engagement leaders, and design specialists.

We have integrated our teams into a single connected platform to streamline the process and align you with One Partner, One Platform, to Optimize Results.



Network Optimization

- Supply Chain Network Optimization
- Facility Site Selection
- Incentives Assessment & Negotiation
- Transportation Analysis and Management
- 3PL Selection



Facility Planning & Design

- Material Handling Systems Design
- Space Planning
- Equipment
- Specifications
- Implementation Management
- Program Management
- Operational Readiness



Facility Technology

- Technology Stack Requirements
- WMS Scoping & Implementation
- Labor Management
- Transportation Management Systems
- System Integration



Process Optimization

- Process Improvements
- LEAN Distribution
- Standard Operating Procedures
- Engineered Productivity Standards



IntraOne™

Automation

One Partner.
One Platform.
One Result.



Advanced Automation & Robotics

We understand the challenges with labor retention and the desire to improve working conditions. That is why we partner with leading automation and robotic vendors that challenge the status quo to deliver innovative solutions.

As part of the **IntraOne** Platform, we are able to recommend the best solution based on actual data and seamlessly integrate the solution into your existing operation.

20,000 sq ft Innovation Lab

Our Innovation Lab is the proving ground for the technologies we recommend. Additionally, our R&D team streamlines platform integration, provides training, simulates your application, and lets you witness the latest software and equipment technologies.

Robotic Sortation

Flexible automation that can pick items from numerous locations and deliver them to a wide variety of destinations using:

- Autonomous Mobile Robots with active top surfaces, such as tilt trays and bi-directional transfer systems
- Automated put walls with manual or robotic induction
- Multi-axis robots sorting individual orders
- Pick and place robots

Mobile Robots

Autonomous Mobile Robots (AMR) and Automated Guided Vehicles (AGV) benefit from Simultaneous Localization And Mapping (SLAM) to safely navigate from point to point within an everchanging facility.

- Floor-to-floor transport
- Floor-to-stand transport
- Stand-to-stand transport

Goods-to-Person

Order-picking technology to bring inventory and order lines to a static picker at a station.

- High cube
- Tote level
- Shelf level
- Pouch sorters
- Vertical lift modules

Automated Storage & Retrieval

Utilizes high-density racking systems with automated storage and retrieval to produce a high level of unit selectivity.

- Tote mini loads
- Tote shuttles
- Pallet crane
- Pallet shuttle

Robotic Palletizing

Multi-axis robot for sorting, transferring, and stacking cases onto a pallet.

- In-line palletizing
- Layer picking (gantry robots)
- Mixed case palletizing



IntraOne™ Controls

One Partner.
One Platform.
One Result.



Integrated Automation Controls

Industrial Controls

We strive to exceed customer expectations by designing and implementing quality solutions and providing exceptional customer service.

Our goal is to design cost-effective solutions to meet today's needs as well as allow for ease of expansion for tomorrow's requirements. In-house Control System Solutions provides automation controls for integrated systems, which include:



Integration with our IntraOne Software Solution

- Full stack software
- Stand-alone applications
- WCS - WES - WMS



PLC Controls

- Real-time device level control
- Simultaneously integrate with multiple platforms



Robotics

- Mobile robots
- Storage and retrieval systems
- 6-axis robots
- Picking systems



Color Graphic HMI Systems

- Diagnostics
- System control
- Activity monitoring



Communication Interfaces

- Host communications
- Robotic systems
- Goods to person
- Packing systems



Automatic Identification

- Bar code readers
- Cameras
- RFID
- Vision systems



Conveying Systems

- Routing and merge control
- Sortation control
- Print and apply system
- Weighing systems



In-house Services

- Panel fabrication
- Field wiring
- 24/7 support



IntraOne™ Equipment

One Partner.
One Platform.
One Result.



Industrial Equipment

Our Industrial Equipment Team serves customers in all industries by providing mobile equipment and operational solutions. Our teams are integrated into a single connected platform to streamline the execution process and align you with One Partner, One Platform, and One Result.

You can purchase, lease, or rent equipment from Yale, Taylor-Dunn, JLG, and other industry-leading brands in select markets. We offer 24/7 emergency road service and replacement parts for over 45 manufacturers in these markets.

Elevate your Performance with our
Industrial Equipment Solutions



Industrial Trucks

- New & used equipment
- Lift trucks
- Personnel carriers
- Elevated work platforms
- Rental equipment
- Robotic forklifts



Service

- Field service on Yale & other lift equipment
- Aerial lift & carrier service
- Mobile tire pressing
- Fleet management and telemetry
- In-shop service



Parts

- Large in-stock inventory
- Accessories
- Access to parts for most manufactures
- Online portal for Yale forklift parts & technical information



Storage & Handling

- Racking
- Shelving
- Mezzanines
- Modular offices
- Wire decking
- Shop equipment



Learn more >>>

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IntraOne™

Integration

One Partner.
One Platform.
One Result.



Integration Engineering

To ensure each of the elements of your system is optimized and properly integrated, our Solution Design team takes the lead with your team and platform disciplines on our team. The team includes business leaders, designers, engineers, and project managers. Their cross-functional responsibility ensures the transition from concept to commissioning stays connected with your team to deliver the desired outcome on time.

Integration Examples

- Mobile and stationary robots
- Goods-to-person
- Automation control systems
- Full-stack software solutions
- Sortation system
- Conveying systems
- Third-party machinery
- Picking technologies
- Mezzanines and structures
- Engineered storage solutions

Our Trusted Process

Step 1: **Assess**

Step 2: **Analyze**

Step 3: **Recommend**

Step 4: **Approve**

Step 5: **Implement**

Step 6: **Support**



Learn more >>>

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IntraOne™

Client Support

One Partner.
One Platform.
One Result.



We support Operations & Warehouse Equipment



Client Support



Automation Support



Spare Parts



System Enhancements

Lifecycle Support

Lifecycle Support minimize downtime and ensure your system runs at optimal performance levels by utilizing our Client Support Services team.

Our lifecycle support program provides ongoing maintenance, spare parts, repairs, upgrades, and 24/7/365 technical from a single dedicated team. This program maximizes your return on investment by keeping you operating at peak levels.

Early Engagement

- On-site for system commissioning
- Establish the aftercare process



Training

- Facilitate your team training
- Develop training documentation

Systems Enhancements

- Assist with modifications system tuning & reconditioning



Documentation Resource

- Finalize system documents
- Maintain off-site records

Support Agreements

- Customized support plans
- 24/7/365 support hotline



Warranty Support

- Facilitate issue resolution
- Connect all the necessary teams

Field Services

- Coordinate field services teams
- Technology specialists



Spare Parts

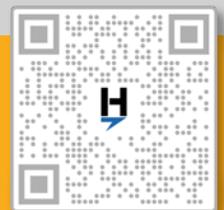
- Recommended critical spare part list
- Facilitate parts ordering



Learn more >>>

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IntraOne™

Full Stack Software

One Partner.
One Platform.
One Result.



EXECUTE | OPTIMIZE | EMPOWER

The Full Stack Software component of Hy-Tek's IntraOne Platform unifies the control, execution and management of all resources in warehouses and distribution centers whether human or mechanical while delivering a complete set of functionality.

Modular and adaptable, IntraOne's Software is configurable to deliver the functionality you need today, and the foundation for future needs as technology and business requirements change. IntraOne helps mitigate risk, complexity, and long-term cost of ownership.

Hybrid

IntraOne supports both Cloud and "Edge" deployment models to insure fast and scalable solutions. This includes support for multi-site deployment which delivers unified control of operations and data analytics.

Connect

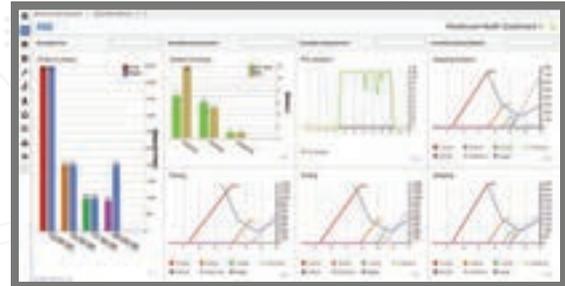
IntraOne delivers an extensive integration API (including JSON) which standardizes and simplifies integration to external systems such as ERP, automated systems, control systems and even other warehouse automation applications.

Secure

IntraOne delivers a secure platform for clients meeting SOC 2 standards. Built on Microsoft Identity, support for single sign-on is supported allowing for seamless integration with existing IT infrastructure.

Advanced BI

Embedded BI & Dashboard functionality gives users access to all their data with IntraOne. Dashboards can be enterprise, departmental, or user-specific and can incorporate company KPI's for advanced analytics as well as data from other systems.



Unified dashboards across all modules.

Roadmap

With a focus on developing standardized products, IntraOne offers clients a long-term roadmap that affords them the ability to benefit from future release and upgrades, avoid the cost and time associated with highly customized solutions, and avoid obsolescence often experienced in rapidly changing technologies.



EXECUTE
OPTIMIZE
EMPOWER



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IntraOne Core

- BI & Analytics
- Integration API Management
- User Management - SSO
- System Admin Tools

WCS

Warehouse Control

- Carton & Tote Routing
- Sort Management
- In-Motion Weighing
- Print & Apply
- MHE
- Equipment Diagnostics
- PLC Communications

TMS

Transportation Shipping

- Small Parcel & LTL
- Rating & Rate Shopping
- Future Ship
- Integrated with Cartonization

WES

Warehouse Execution

- Process Balancing
- Resource Move Logic
- Order Separation
- General Sort Management
- Pick & Put Light Management
- Labor Management
- Goods to Person
- Robotics
- AMR

WMS

Warehouse Management

- Receiving
- Location Management
- Picking
- Shipping
- Batch Allocation & Optimized Release
- Mobile Applications: Android & iOS
- Cartonization: Carton Optimization
- Cycle Counting / Inventory Control

- In-Transit Time Selection
- Carrier-Compliant Labeling
- International
- Haz Mat

Your **One Stop** partner for all your logistic technology and services.



Systems Integration



Supply Chain Consulting



Controls



Advanced Automation



Equipment



Installation & Support



