The Future of Supply Chain and How to Stay Relevant

"The digital transformation is now and our clients' needs are constantly changing, so we continually provide new and better ways to serve them"

Robert Steward
End2End, LLC
CEO

Integrating Technology

The benefits and capabilities of iot integration with your supply chain.

Technology and People Management

Importance of aligning your technology with your skills and appetite to adapt.

Maturity Transitions

Transitions of maturity in the technological integration.

END2END™

Improving Supply Chain Through IoT Implementation

Inventory Management

Gain real time inventory updates with great accuracy to eliminate overspending and excess.

Supply Chain Employee Communication

Create a more efficient and risk free way for supply chain employees to communicate with customers.

Shipment Tracking

Have the ability to leverage time down to the minute and provide an extended level of transparency to customers and receivers.

Cost Saving

Reduce number of damaged, lost, and delayed goods.

Integrating New Technologies

Get Connected
Get your supply chain connected

Maximum Productivity
Achieve maximum productivity

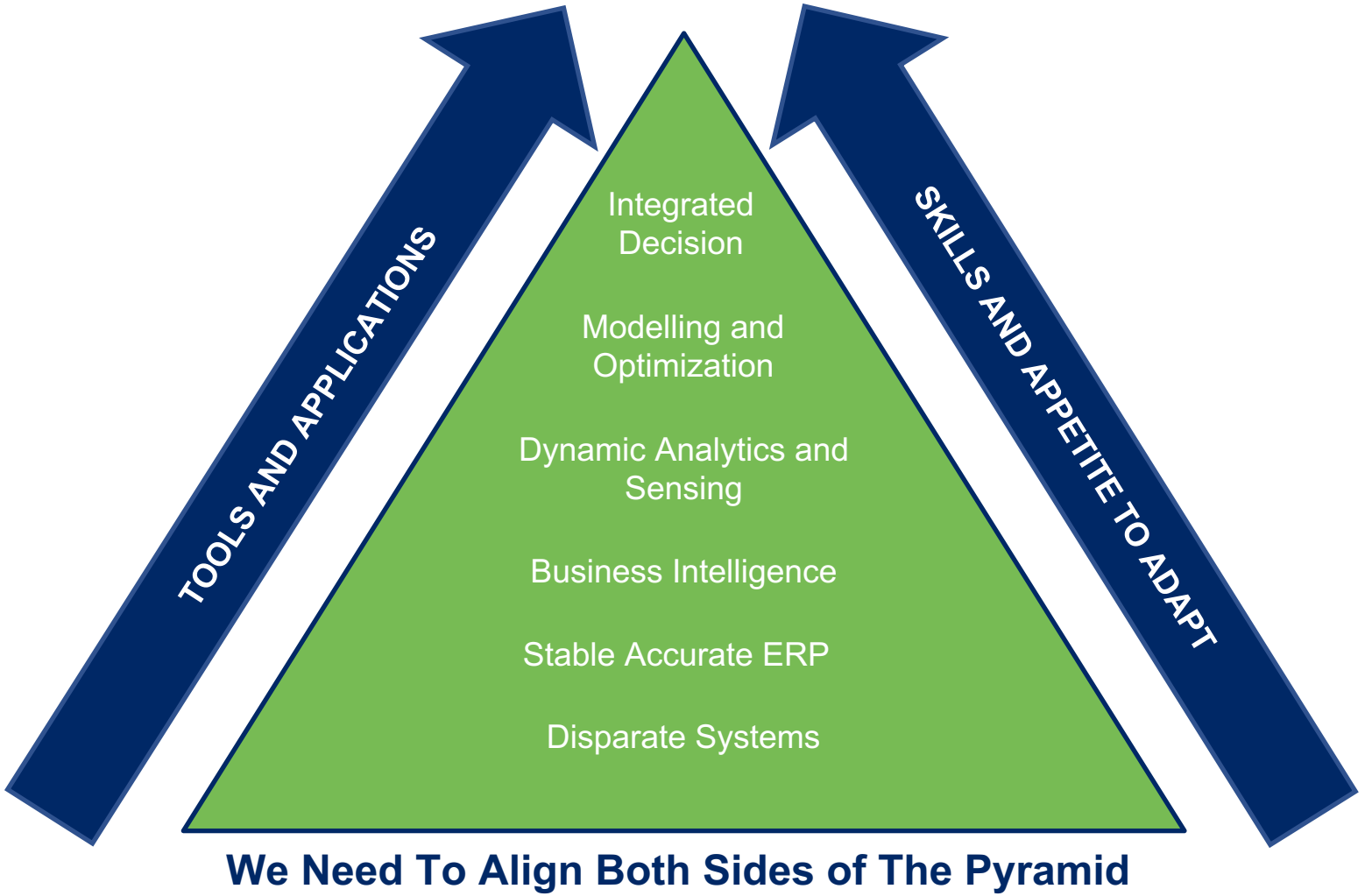
Supply Chain Innovator
Gain a reputation as a supply chain innovator

Smart Surveillance
Bring advanced IoT capabilities to your business

Optimization
Utilize the power of your data

It is hard to resist technology, even when you're a small or non-tech start-up, and especially when it can increase the bottom-line.

Technology and People Management



We Need To Align Both Sides of The Pyramid

Supply Chain – Maturity Transitions

Phase 1

1.

Disconnected Supply Chain

- Each node of the supply chain managed independently
- Inventory buffers between supply points enable internal performance
- Main focus is reducing impact of performance variability
- Planning system applications used at basic level

2.

Foundation Supply Chain

- Each node is planned through customer; supplier links; only partial integration
- Main focus is supply planning
- VMI and customer schedules being developed
- Master data, transaction integrity, and timeliness assured SRA 95%+
- ERP system used, and maybe supported by advanced planning system

3.

Capable Supply Chain

- Nodes in the supply chain linked; co-managed or with limited collaboration
- Service level agreements in place between partners driving towards collaboration
- Increasing integration with demand management
- Achieve 95%+ reliability across each node
- Integrated supply chain links with logistics, distribution, and internal supply
- ERP system application and end-to-end visibility
- Advanced planning, optimization and scheduling system used to manage supply chain

Supply Chain – Maturity Transitions

Phase 2

1.

Advanced Supply Chain

- Supply chain model designed to deliver defined customer value and business strategy
- Segmentation recognizes and optimizes the trade-offs between service, cost, and cash
- Master supply chain planning analyses and models performance to reset segmentation and synchronization
- Supply chain scenarios are modeled on integrated views
- Collaborative planning and forecast replenishment established with key supply chain partners
- Business performance, aligned to strategic business objectives, sustainably achieved

2.

Knowledge-Based Supply Chain

- Supply Chain managed by single process optimizing the nodes end-to-end
- Seamless data flow between supply chain partners
- Accelerated lean supply chain process end-to-end
- “Win-Win” partnership will focus on optimizing service and cost

Evolution of Technology and The Future of Supply Chain

Data Science
Scientific methods, processes, algorithms and systems to extract knowledge and insights from structured and unstructured data.

Data Analysis
Retrieve, gather, and organize data to reach meaningful conclusions.

Machine Learning
It is a branch of artificial intelligence based on the idea that systems can learn from data, identify patterns and make decisions with minimal human intervention.

Edge Computing
Edge computing is a solution that facilitates data processing at or near the source of data generation.

540 Maryville Centre Dr. Suite 340 St. Louis, MO 63141
O: 314-300-6646 | **Fax:** 314-312-0225
Email: dhartman@goend2end.com
Web: www.goend2end.com

End2End™ is a fully linked, integrated software solution. With real-time collaboration of **people, projects, assets,** and **technology**, we bring fingertip visibility to **supply chain management**. With the ability to view any project, anytime, anywhere, End2End streamlines communication, collaboration, and execution, turning complexity and chaos into consistency and control. As a trusted partner, End2End provides **consulting**, **software as a service**, and **seamless integrations** to clients. From the first mile, to the last mile, to the last three feet — we deliver on our promise, so that you can deliver on yours. That's ***Trust. Delivered.***

END2END™