

Domestic production – Circa 1950

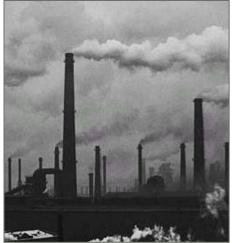




Domestic Production Regional Distribution







Domestic production – Circa 1970

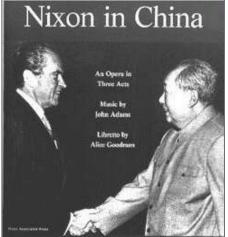




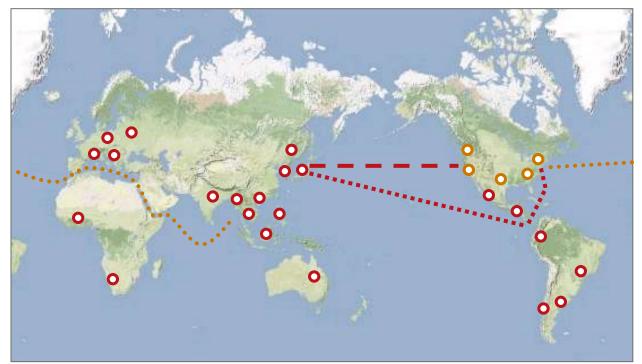
Containerization
New Markets
Domestic Labor







Global production – Circa 2011





Longer Supply Chains
Global Manufacturing
Integrated Supply Chain







Future Challenges

- Environmental
- Port Security
- Port and Rail Infrastructure
- Owner Operator Capacity





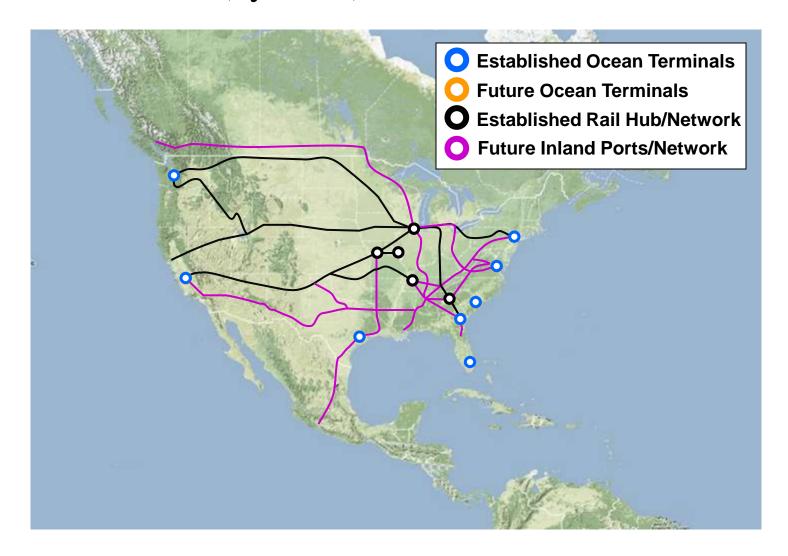
Future Considerations

- Lazero Cárdenas
- Prince Rupert
- Inland Ports
- Panama Canal Expansion





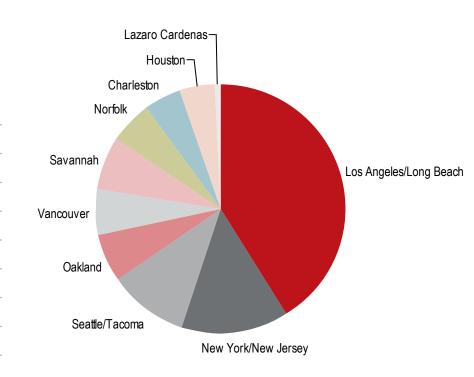
Future network (by 2015)



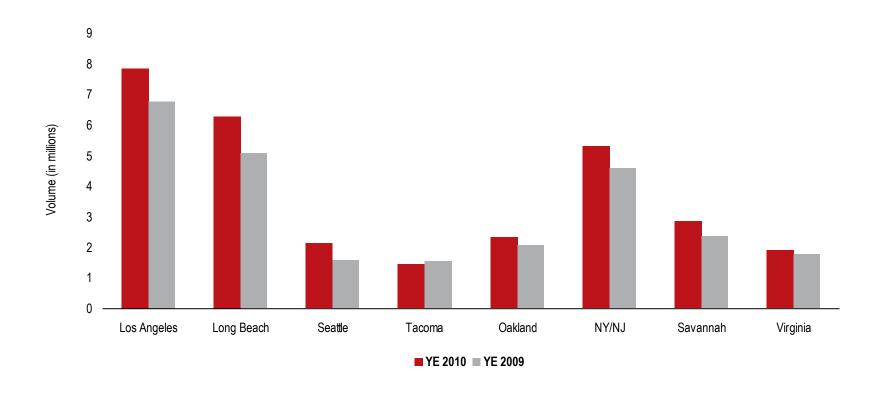
Major U.S. ports

Share of imports (in Millions of TEU's)

Containers Handled	2009	2010	2009-2010 Growth			
Los Angeles/Long Beach	11,820	12,780	8.10%			
New York/New Jersey	4,560	5,290	16.0%			
Seattle/Tacoma	3,129	3,588	14.6%			
Savannah	2,356	2,825	19.90%			
Vancouver	2,150	2,510	16.7%			
Oakland	2,050	2,330	13.6%			
Norfolk	1,745	1,895	8.59%			
Houston	1,797	1,812	0.83%			
Charleston	1,181	1,364	15.4%			
Lazaro Cardenas	600	800	33.3%			



2010 container volume at top U.S. ports



Current State Summary

- The economic recession has slowed freight volumes worldwide
- Although not currently an issue, congestion at LA/Long Beach, combined with the geographic constraints for growth, have made alternative ports and trade routes more attractive.
- Container ships are increasing in size to take advantage of cost savings provided by economies of scale.
- Panama Canal is opening up to accommodate larger ships
- The east and gulf coast ports are making infrastructure improvements in anticipation of long-term growth



Future Supply Chain Trends and Potential Impact

- Transportation represents one of the largest cost buckets important to have *efficient* and effective inbound and outbound transportation
- Intermodal / rail options increasingly more attractive
 - Sustainability/cost benefits
 - Resiliency risk mitigation
- Expansion of Panama Canal driving interest in east and gulf coast port locations
 - Closer proximity to U.S. population centers
 - Availability of less expensive land/facilities
 - Aggressive business and economic incentives
- Port diversification strategies more prevalent
- Trend to shorten supply chain "near sourcing" (e.g., Mexico vs. China)
- Inland ports expected to increase in importance Kansas City, Columbus, Chicago, etc.
- Availability of business & economic incentives, as well as labor issues, drive businesses to the southeast U.S.
- Increasing fuel costs will drive interest in "more/smaller" versus "fewer/larger"

The One Thing That Is Constant Is Change

- Supply chains are increasingly global and complex
- Historically focused on cost reduction, but leveraged as a competitive differentiator by companies such as Wal-Mart, P&G, Toyota
- Supply chain security and risk are rising sharply
- Supply chain management is increasingly viewed as a core competency (versus a "necessary evil")
- Supply chain "network" must be evaluated on a regular basis

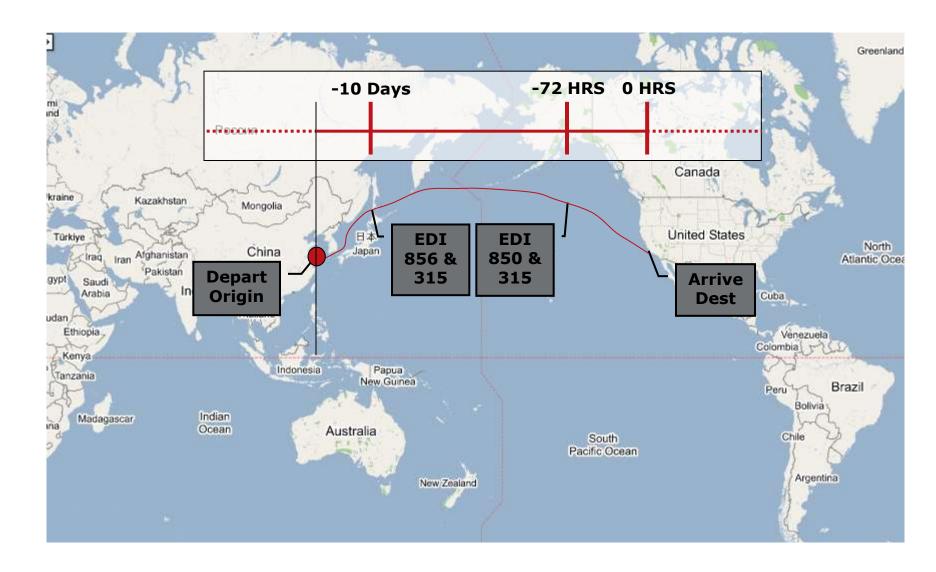


Case Study: Global Corporate Client

Original Supply Chain network



Post-Distribution Concept



Post-distribution objectives

- Improve On-Time Efficiency from 46%
- Provide Floor Ready Distribution
- Replace Manual Process with Automated Transload Facility
- Provide Post Distribution Capability
- Track Shipments by Containers vs. Purchase Orders
- Maintain Flexibility to Provide Pre-Pack Distribution
- Provide UCC 128 Labels to the Store Level with ASN Capability







Post-Distribution Results

- On-time performance improved from 46% to 99%
- Audit accuracy greater than 99.9%
- Reduced lead time by 14 days
- Eliminated a DC resulting in \$11M annual cost reductions
- Less obsolete stock
- Domestic time saving from store-ready products
- Ability to leverage cost savings of inter-modal versus over the road

Replenishment – Hybrid Concept

- Point of Sale Replenishment
- 3 Year Forecast, \$300M USD Sales Increase
- Capital Investment of \$300M USD
- Weekly Order Cycle
- Core Items Expansion of Program to 40 Vendors
- RF Environment
- EDI Capabilities
- Random Reserve Storage Locations
- Zone Picking Efficiency
- Transload Process Integration
- Full Shipment Audit Functionality



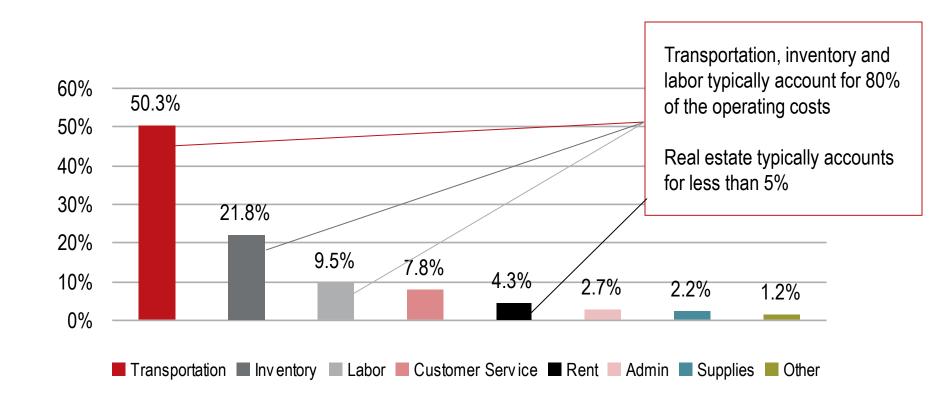


Transload Calculator

						T	ransl	oad (Cal	culato	r						
Assumed CBM per 53' van				Current			Future										
Cont DC Location Size	Contain		53' Volume	IPI Bate	PRESENT TOTAL COSTS	Dray from Port to NYK • CTF	Transloa d Rate	Port Rate	odal OTR Rate	Dray from Ramp/OTR to DC	Dray from Port to NYK + CTF	Transload	Ocean port	Intermodal <i>l</i> OTR	PROPOSE D TOTAL COSTS	SAVINGS	
Mt. Vernon, IL 20' Mt. Vernon, IL 40' Mt. Vernon, IL 40'HC Mt. Vernon, IL 45'	400 200	9,200 10,200 18,900 35,500	102 113 210 394	\$3,225, \$3,225 \$3,225 \$3,225	\$1,290,000 \$645,000 \$967,500	\$185 \$185 \$185	\$5.25 \$5.25 \$5.25 \$5.25	\$1,500 \$1,500 \$1,500 \$1,500	\$1,725 \$1,725 \$1,725	\$0 \$0	\$74,000 \$37,000 \$55,500 \$92,500	\$48,300 \$53,550 \$99,225 \$186,375	\$600,000 \$300,000 \$450,000		\$898,633 \$586,050 \$966,975	\$391,367 \$58,950 \$525 -\$96,792	
Mt. Vernon, IL Harrisburg, PA 20' Harrisburg, PA 40' Harrisburg, PA 40'HC Harrisburg, PA 45'	1,400 150 280 300 200	73,800 3,450 14,280 18,900 14,200	820 38 159 210 158	\$3,225 \$3,400 \$3,400 \$3,400 \$3,400	\$4,515,000 \$510,000 \$952,000 \$1,020,000	\$185 \$185 \$185 \$185	\$5.25 \$5.25 \$5.25 \$5.25 \$5.25 \$5.25		\$1,725 \$1,700 \$1,700 \$1,700	\$0 \$0 \$0	\$259,000 \$27,750 \$51,800 \$55,500 \$37,000	\$387,450 \$18,113 \$74,970 \$99,225 \$74,550	\$2,100,000 \$225,000 \$420,000		\$4,160,950 \$336,029 \$816,503 \$961,725	7	
Harrisburg, PA Memphis, TN 20' Memphis, TN 40' Memphis, TN 40'HO Memphis, TN 45'	930 450 600 900 200	50,830 10,350 30,600 56,700 14,200	565 115 340 630 158	\$3,400 \$3,300 \$3,300 \$3,300 \$3,300	\$3,162,000 \$1,485,000 \$1,980,000 \$2,970,000	\$185 \$185 \$185 \$185	\$5.25 \$5.25 \$5.25 \$5.25 \$5.25	\$1,500 \$1,500 \$1,500 \$1,500	\$1,700 \$1,600 \$1,600 \$1,600 \$1,600	\$0 \$0 \$0	\$172,050 \$83,250 \$111,000 \$166,500 \$37,000	\$266,858 \$54,338 \$160,650 \$297,675 \$74,550	\$1,395,000 \$675,000 \$900,000 \$1,350,000 \$300,000	\$960,122 \$184,000 \$544,000 \$1,008,000 \$252,444	\$2,794,030 \$996,588 \$1,715,650 \$2,822,175	\$367,970 \$488,413 \$264,350 \$147,825 -\$3,994	
Memphis, TN	2,150 4,480	111,850 236,480	1,243 2,628	\$3,300		\$185 \$14,772,000	\$ 5.25		\$1,600		\$397,750	\$587,213 828,800	\$3,225,000 1,241,520	\$1,988,444 6,720,000	\$6,198,407 4,363,067	\$896,593	\$ 1,618,61

More than real estate...

...Understanding the total operating cost picture is critical to maximizing value



Thank You