Collaborative Value Chains: The Next Competitive Advantage

ISM Presentation



- The Ideas behind Supply-Chain Collaboration?
- The levers for Supply-Chain Collaboration
- The Methodology for Creating Supply-Chain Collaboration
- The Organizational Transformation required to make Supply-Chain Collaboration work?



Building a collaborative supply chain may require a paradigm shift from past business practices



- Many direct suppliers with narrow value offerings
- Value is primarily added by Buyer
- Small supplier development efforts with many direct suppliers
- Cross supplier collaboration or strategies are limited or nonexistent

- Few direct suppliers with broad value offerings
- Value is now added by both Buyer and suppliers
- Large supplier development efforts with few direct suppliers
- Cross supplier collaboration or strategies are used to create the optimal supply chain structure



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- The <u>Supply Chain</u> is the connected series of organizations, resources, and activities involved in the creation and delivery of value to end customers.
- <u>Collaboration</u> is the formal process of coordinating the planning and execution of labor and materials flows among supply chain participants



 The <u>holistic intent of collaboration</u> is to provide the highest levels of reliability, safety and labor efficiency while making most effective use of the competencies of all organizations in the supply chain.



Collaboration looks for opportunities across the combined value chain



Collaboration leaders are usually created because of the characteristics of their industry

Industry Characteristics				Indust	ry Sectors		
		Asset Intensive Services	Project Industry	Mass Production	Non- Durable Consumer Products	Raw Material Processing	Retail
Asset Intensity	High level of investments required						
Market Driven	Frequent and major price fluctuations on materials & services				\		
Highly Supply Chain Dependent	High Purchase \$ as a % of Revenue \$						
Short Product Life	Excess products unable to be sold after end of demand						
Project Driven	One time product/service for clients						
Mass Production	High volume/repetitive production						
Infrastructure Maintenance Driven	Significant portion of revenue is from infrastructure maintenance						
Global Markets	Local activities required to penetrate emerging market						
Service Driven	Labor-intensive real time fulfillment of customer needs						

Creating a collaborative supply chain will require a significant effort in order to offset the existing paradigms and balance of market power

- Ultimate Spend Leveraging Across Strategic Commodities
 - Contracts will have to be structured very creatively using volume forecasting, demand aggregation, ongoing joint process improvement, cost modeling, etc in order to obtain maximum leveraging ability.
- Relationship Strategies Developed by Commodity
 - Past relationships will have to be carefully evaluated and strategies for new strategic alliances should be developed with only a select few partners that are willing to work closely in an intimate relationship like never before.
- Intimate Relationship with Strategic Alliance Partner(s)
 - Buyer and strategic alliance partners must be willing to completely open up books and share all information and ideas in order for effective collaborative relationships to develop. This will likely require a paradigm shift from all.



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Opportunities to build a more collaborative supply chain may be found by re-evaluating four *value levers*





Collaboration can be "Product or Service Design" focused

Value

Chain

Structures

Product &

Service

Designs

Value

Chain

Processes

Value

Chain

Systems







Collaborative opportunities can be "Structure" focused





Collaborative opportunities can be "Process" focused





Collaborative opportunities can be "System" focused



Example: Clients use the framework to identify levers and prioritize projects



5 = Very Favorable, 3 = Moderately Favorable, 1 = Unfavorable

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A holistic process was developed using new and existing methodology that provides guidance in the creation and refinement of a collaborative supply chain



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Define	Design	Assign	Align	Refine
the target	the supply	the supply	the supply	the supply
Value chain	chain	base	processes	chain

Define the target value chain



Define	Design	Assign	Align	Refine
the target Value chain	the supply chain	the supply base	the supply processes	the supply chain

Design the supply chain



Define	Design	Assign	Align	Refine
the target	the supply	the supply	the supply	the supply
Value chain	chain	base	processes	chain

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Assign the supply base through Strategic Sourcing



Define
the target
Value chainDesign
the supply
chainAssign
the supply
baseAlign
the supply
processesRefine
the supply
chain

Collaboration needs to reconsider traditional make vs. buy demarcations -Print Example





Define	Design	Assign	Align	Refine
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Value chain	chain	base	processes	chain

Advanced sourcing can create significant competitive advantage-Airline industry example



Define	Design	Assign	Align	Refine
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Value chain	chain	base	processes	chain

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Align the supply base using Supplier Development



Define	Design	Assign	Align	Refine
the target	the supply	the supply	the supply	the supply
Value chain	chain	base	processes	chain

Refine the supply chain using Value Discovery approaches



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A disciplined approach of managing the eight dimensions of supplychain management is required for companies to master collaboration

Eight Dimensions of Supply Chain Management





Gaps against leaders should be identified and addressed

Supply Chain Performance Versus Industry Leaders



Supply Chain Management Dimensions



Increased customer awareness, change management and informationtechnology literacy emerge among a variety of increasingly compelling skills requirements





The vehicle that supports collaboration is often the root cause of why organizations can't realize the advanced benefits





Thank you for providing us with the opportunity to present this afternoon!

PLEASE CONTACT US IF YOU WANT A CUSTOMIZED PRESENTATION TO THE SPECIFIC COLLABORATION ISSUES OF YOUR INDUSTRY

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