

Improve Contract Manufacturing Partnerships by Ensuring Consensus Through Globalized Change Processes

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Brocade Corporate Overview

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Brocade





Brocade Overview

- Brocade is a leading provider of data center networking solutions that help organizations connect, share, and manage their information. Organizations that use Brocade products and services are better able to optimize their IT infrastructures and ensure compliant data management.
 - Founded: 1995
 - Incorporated: 1999, Delaware
 - IPO: 1999 (NASDAQ: BRCD)
 - Headquarters: San Jose, Geneva, Singapore
 - Approximately 2400 employees worldwide
 - Revenues of \$1.24B in FY '07
 - Acquisitions: Strategic Business Systems, McDATA, Silverback Systems, NuView

Brocade Overview

Global Offices

- Americas: Brazil, Canada, Mexico, and the U.S.
- APAC: Australia, China, Taiwan, India, Japan, Korea, and Singapore
- EMEA: Austria, Belgium, Denmark, Dubai, France, Germany, Holland, Italy, Spain, Switzerland, and the U.K.

– R&D Centers

- Americas: Colorado, Minnesota and Oregon
- APAC: Bangalore, India and Shenzhen, China



Four Divisions Focused on Growth

Data Center Infrastructure Division:

This division focuses on the Brocade Data Center Fabric (DCF) architecture, a
framework for designing, building, and managing next-generation data centers. The
division's products help organizations simplify connectivity, optimize performance, and
reduce cost as part of a single, converged data center infrastructure.

Files Division:

 This division develops products for file-based applications, databases, documents, images, and multimedia—driving enterprise file consolidation, transparent file mobility, replication, and access security.

Server Division:

 This division develops products that provide new server connectivity options through unmatched hardware capabilities along with unique software configurability. As a result, IT organizations can implement end-to-end management across next-generation data centers based on the Brocade DCF architecture.

Services, Support, and Solutions Division:

 Brocade develops industry-leading services, support, and solutions for servers, storage, applications, and data—helping organizations scale effectively, improve performance, and connect applications throughout enterprise data centers.



The World's Most Demanding Customers Rely on Brocade Solutions



90+% of Automobile and Parts Manufacturers, including the Top 10



90+% of Commercial and Investment banks, including the Top 10



90+% of Chemical Companies, including the Top 10



90+% of Electronics and Electrical Manufacturers, including the Top 10



90+% of Healthcare and Pharmaceutical Companies, including the Top 10



90+% of Industrial and Farm Equipment Manufacturers, including the Top 10



90+% of Energy, Petroleum, and Mining Firms, including the Top 10



90+% of Telecom Providers and Suppliers, including the Top 10

Source - percentages estimated based on Global 2000 companies



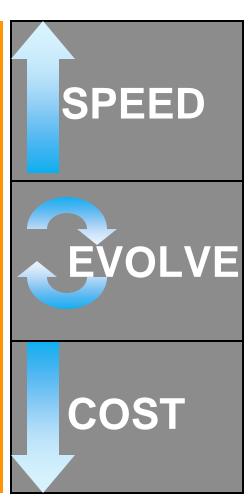
A Strong Partner Ecosystem and Growth

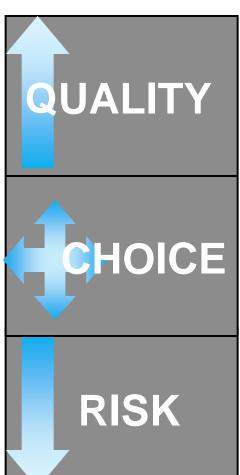
- Brocade continues to participate in high-growth market segments for data center environments
- The Brocade business strategy and initiatives are aligned to key customer requirements and business challenges
- Brocade has strategic partnerships with the industry's foremost IT companies



Brocade Is Committed to Customer Satisfaction

- Innovation and delivery
- Technology and performance leadership
- Future-built, interoperable
- No "rip-andreplace" approach
- Optimized capital resources
- Minimized operational costs





- Empirical evidencequantified
- Most extensive testing and qualification
- Services wherever and whenever needed
- Best-in-class solutions
- Investment protection and extension
- Expertise that minimizes cost, risk, and disruption



Brocade Partners with the World's Leading Technology Companies

OEM Partners



Solution Partners





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Implementing a global collaborative change process outside the four walls

Challenges outside the four Walls

- Security
- Proper notification by product impact
 - Limited visibility
- Understand implementation intent
 - Understanding of individual CM process requirements
- As designed vs. As built
 - Agile "as designed" -> CM at a different level

Challenges

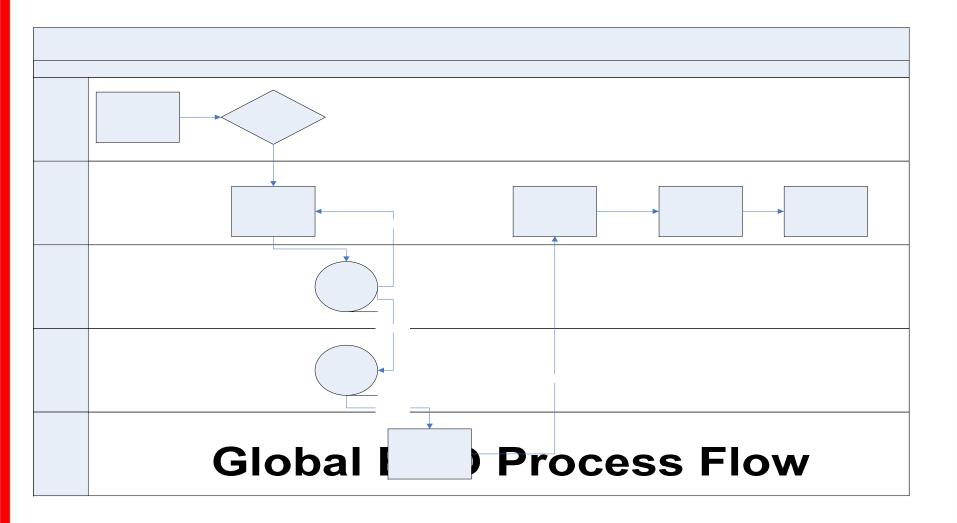
- OEM Partners had zero visibility on "change" implementation
- No way of identifying or tracking "Cost of Change"
 - At the mercy of your Contract Manufacturer
- CM expected to build to "As designed" drove Deviations
- Difficult to determine configuration of units

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Streamlining product record change processes while incurring substantial growth through Acquisition

Streamline the processes





Gaining visibility on cost containment that is beyond your control

Gaining visibility on cost

- Global understanding of Disposition terms
 - Rework, Scrap, Use 'as is'
- Impact to individual Bill of Material structures
 - Effectivity date planning
- Information sharing on MPS vs. Inventory and WIP
 - Lead time, Purchase Orders, Finished Goods Inv.
- External customer expectations
 - Customized implementation per customer

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🤏 CM Implementation Review

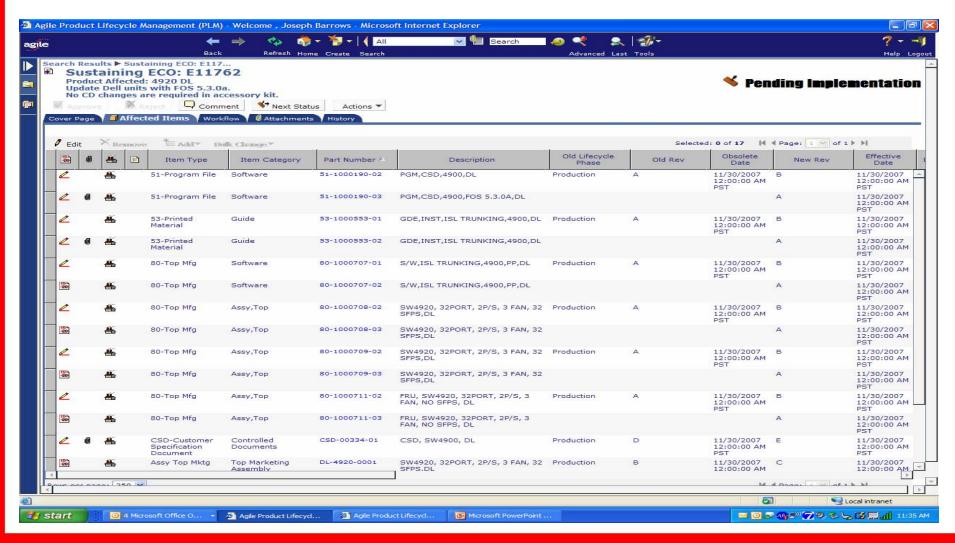
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The CM representative will have rights to edit the Cover Page tab Page Three section for Implementation Plan which is where the overall effectivity plan will be tracked and estimated cost of rework, scrap and new tooling based on change dispositons.

Page Three CHANGE IMPLEMENTATION Implementation Plan: Pre-Reg ECO(s): Concurrent ECOs: COST OF CHANGE Estimated Rework Cost: Estimated Scrap Cost: Estimated Tooling Cost: Estimated Cost of ECO: \$ Actual Rework Cost: Actual Scrap Cost: Actual Tooling Cost: Actual Cost of ECO: \$ Accounting # of ECO:

Affected items tab

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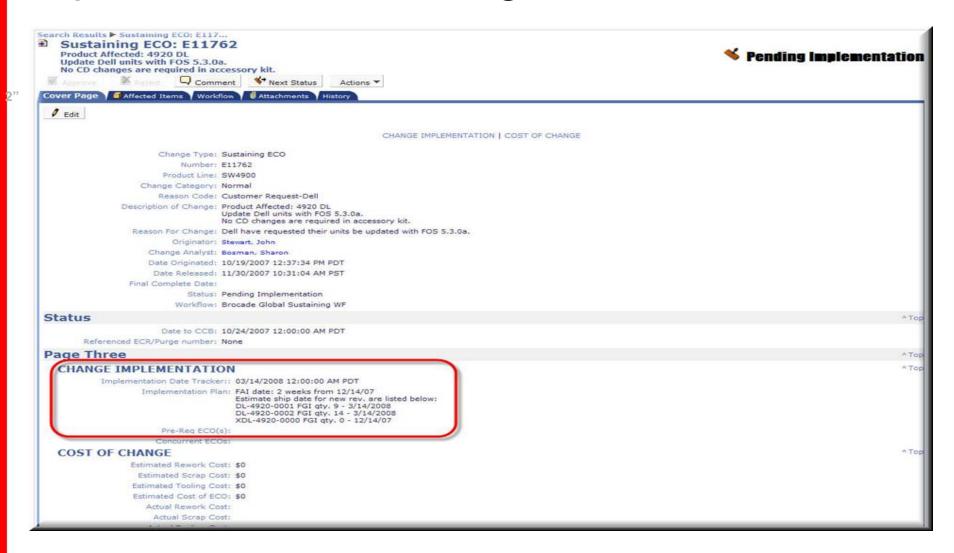


Affected items tab cont'

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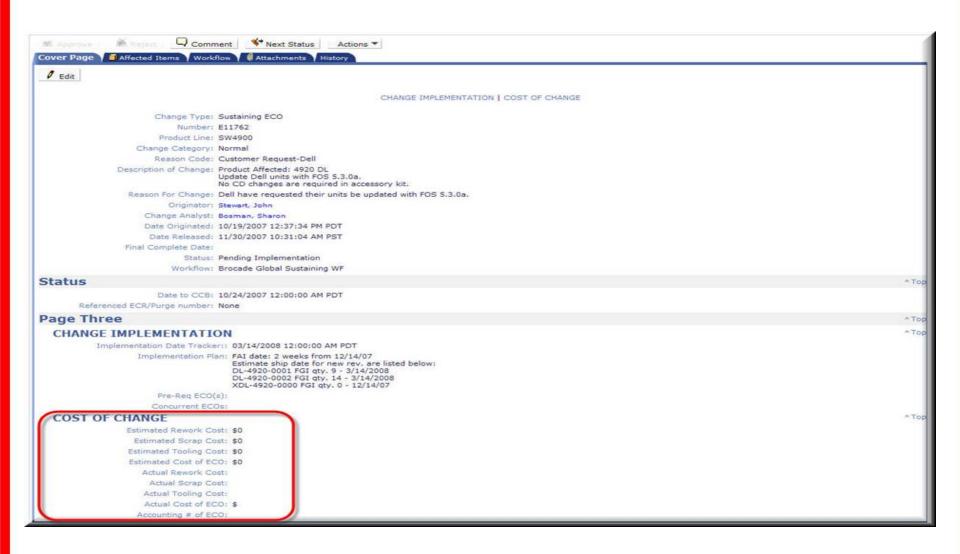


Implementation Planning





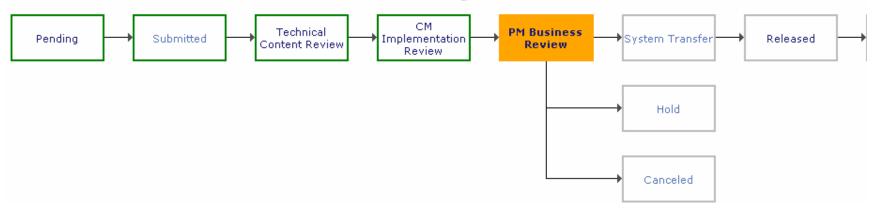
Cost of Change







Workflow Overview - Brocade Global Sustaining WF



- Once the ECO is approved by all of the CM Implementation Reviewers, the change will be promoted to the PM Business Review
- At this stage only the Product Program Manager will need to approve that based on the intent of the change, the affected items and the CM's implementation planning that it meets budget and design change intent to release
- Up to 3 business days can be used to complete review and update ECO





- Once Change Analyst has completed Business System set up for effectivity dates and item master changes, they will move the package to released
 - At this time all approvers and observers will be notified of the package release
- The ECO will stay at the Released Status until the final effectivity date has cut in on the ECO.
- The Change Analyst will continually monitor with the CM Partner to determine if dates need to be adjusted based on forecast/demand and inventory quantity



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- Once the effectivity date has occurred and the change has phased into the manufacturer at the highest assembly level, the ECO will be moved to the implemented status, closing out the change process.
- All approvers and observers will be notified upon implementation of the change.

Benefits

- OEM partners now help drive implementation planning
- CM shares inventory positions
- Opens options to implementation planning/dispositions
- Identifies Cost of Change
- Eliminates Deviations through Effectivity date control
- Configuration of units can be determined at any time



Questions?



THANK YOU