

BPSCM AUTOMATION SOFTWARE

Tietronix BPSCM (Bioastronautics Planning System Configuration Management) software automates Configuration Control Board (CCB) general functions commonly used in Engineering Programs. BPSCM simplifies and streamlines the management, operations, and administration of CCBs through process automation. The web interface allows users to create and work on Change Requests (CRs), access real-time dashboards and graphical process views, schedule meetings, track action items, etc., through a standard browser interface. BPSCM ensures process compliance of all users and board members, yet is highly configurable supporting a wide variety of operational profiles.

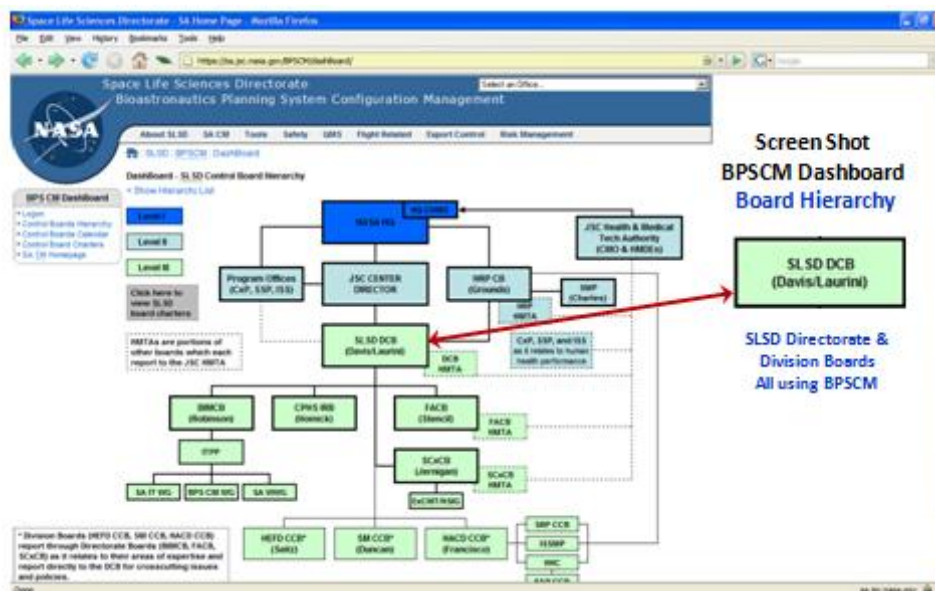
BPSCM Benefits:

- Increased efficiency
- Increased agility
- Increased quality
- Increased Participation of Board Members
- Enables process improvement and institutionalization
- Reduced Training requirements
- Increased Process awareness

BPSCM Features:

- Automates
 - Control Board Process Execution
 - Task handoffs between participants
 - Metrics Collection
 - Compliance Enforcement
 - Detection of events resulting in Alerts and Notifications
 - Audit trail maintenance
- Management and Process Dashboards
- Real time status and monitoring of Change request

Board Hierarchy Chart - Dashboard



BPSCM automates operations for CCBs at NASA Space and Life Sciences Directorate (SLSO) Light green boxes in this diagram are run by BPSCM – click on them for more details.

Board Calendar - Dashboard

Screen Shot Calendar Dashboard

Dashboard - Directorate Control Board

Chair: Jeffrey R. Davis
 Deputy Chair: Kathy Laurini
 Executive Secretary: Jerry L. Hornick
 NASA CM Lead: Martha P. Holleman
 Contractor Support: NASA SA CM Receipt Desk

Meeting Agendas and Minutes:

Meeting Date	Status	Location	Agenda	Minutes
03-31-2008 02:30 PM	Scheduled	JSC Building 1 Room 860	View	View
12-14-2007 11:00 AM	Completed	JSC Building 15 Room 267	View	View
12-10-2007 02:30 PM	Completed	JSC Building 1 Room 860	View	View
10-15-2007 02:30 PM	Completed	JSC Building 1 Room 860	View	View
09-17-2007 03:15 PM	Completed	JSC Building 1, Room 860	View	View

Change Requests: None, [Open], [Dispositioned]

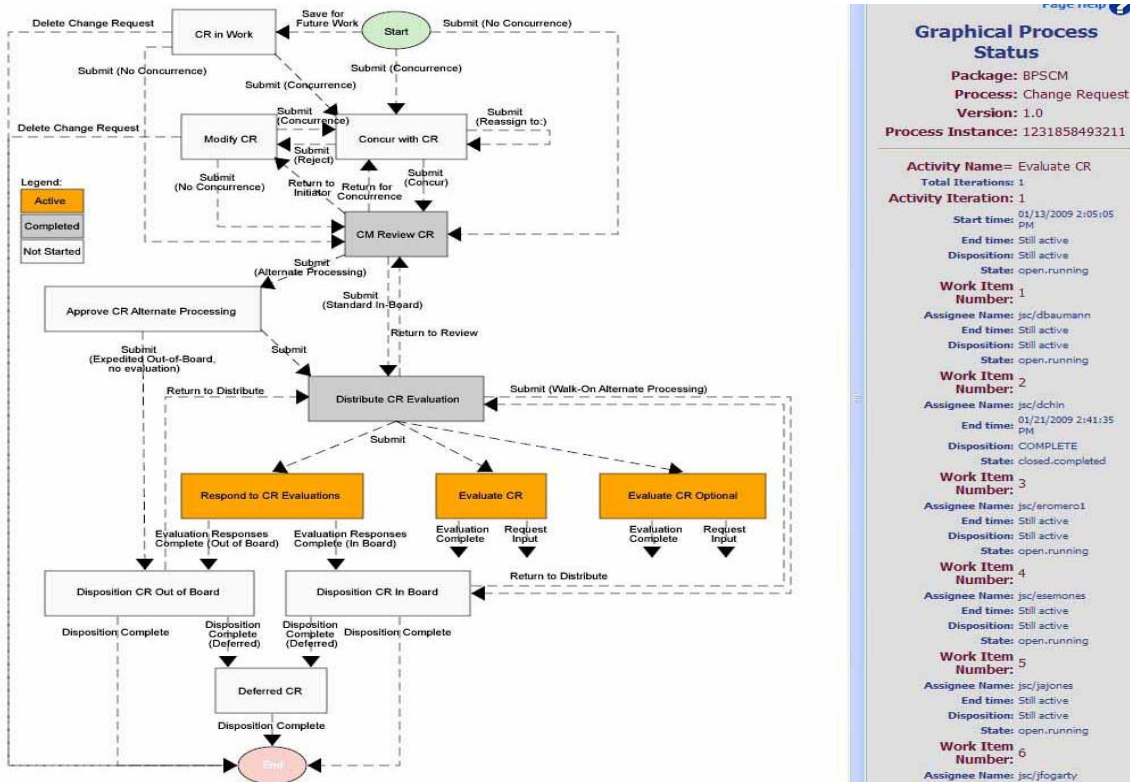
CR Number	Initiator	Status
SLSOCR-DCB-08-001	Fogarty, Jennifer	In Evaluation
DCB	Fri, Mar 21, 2008	None

Actions: None, In Work, [Completed], Closed, All

Action Item Number	Actionee	Date Completed
AI-DCB-07-013	Setz, William W	Thu, Jan 31, 2008
DCB	DCB	12/14/07

Dashboard Views provide easy access to all important CCB data.

Real Time Process Status – Screen Shot



Orange boxes reflect the current state of a CCB process – details in gray box on right.