



MultiBatch 10.1

What is MultiBatch?

MultiBatch
is a workload automation tool
built specifically
to make best use of
NonStop scalability
and fault tolerance.

What do you get with MultiBatch?

- 🎯 Tasks driven by time, dependency or manually
- 🎯 Guardian and OSS processes fully and equally supported
- 🎯 Built in disaster recovery
- 🎯 Facilitates task parallel processing
- 🎯 Central Deployment across network to your environments
- 🎯 Deeply parameterised to better manage very large schedules
- 🎯 One time definition of assigns, defines, params, FDs and environment variables
- 🎯 Optional user task to MultiBatch message protocol to give easy fault tolerance
- 🎯 Simple macro driven installation with easy-to-follow installation guide
- 🎯 On Demand Jobs, define Model Jobs and these can be cloned at the command line and then modified and run as many times as required

A comprehensive and detailed technical guide provided to explain all above concepts and usage

What more do you get with MultiBatch 10.1?

- ④ Two new GUIs that provide significant ease of use advantages over traditional command line or block mode screens

- ④ Admin GUI covers job set up and schedule preparation
 - ▶ User profile set-up
 - ▶ Configuring jobs
 - ▶ Set-up of calendars and timed processing
 - ▶ Preparation of schedules and dependencies

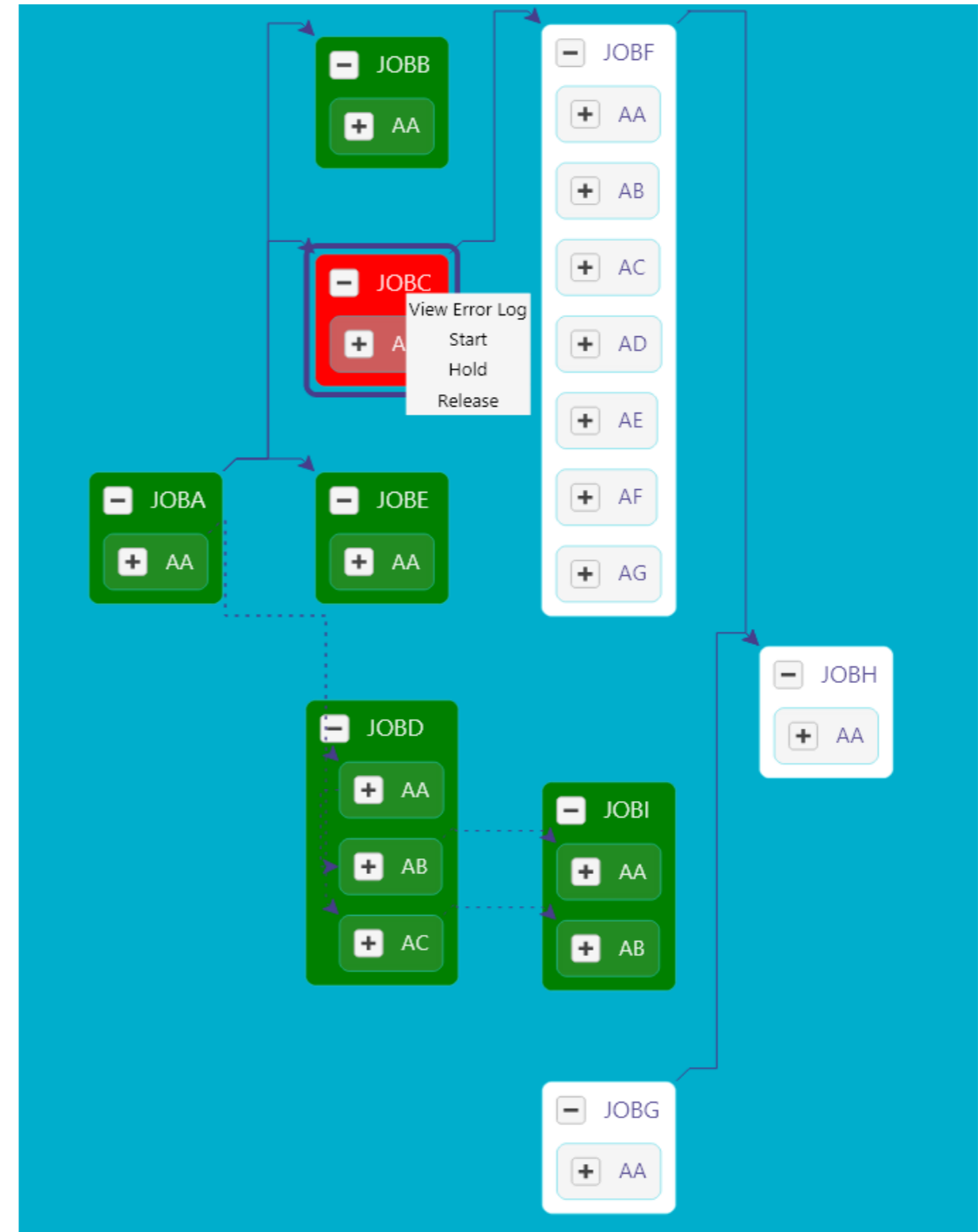
- ④ Ops GUI is a dynamic view of your running processesSupport for OSS processes has been reworked and improved
 - ▶ Dynamic real time monitoring showing progress and identifying issues
 - ▶ Processing status and overview
 - ▶ Stopping, starting/restarting processes
 - ▶ Error identification and interrogation

Administration and Operational GUIs

The screenshot displays the MultiBatch administration interface. At the top, a tree view shows the hierarchy: Administration, Configuration, ConditionalParams, Step Prompt Classes, Step Prompts, and BMONS. Under BMONS, there are three entries: \INSIDER.\$ABMB (R P-CREST BATCH-B), \INSIDER.\$BIG (BIG BMON), and \INSIDER.\$MBBMN (TEST FOR MBAT BMON). The Jobs folder is expanded, showing JOBA (HEAD OF STREAM), JOBB (ROLL OVER LOGS), JOBC (ARCHIVE AUDIT FILE), and JOBD (UPDATE CASH ACCOUNT). JOBA is further expanded to Segs, then AA (** No Alias), and then Steps, where step 01 (** No Alias) is selected.

The Step Configuration panel for step 01 includes:

- Step Name: 01
- Alias: (empty)
- Upshift Params:
- Description: (empty)
- Shell Settings: Delimiter: (empty), Explain Shell: (empty)
- Run Options: Cpu 1: 01, Cpu 2: (empty), Memory: 00, Priority: 000, Highpin:
- File Settings: IN File: (empty), OUT File: \$\$.#JOBAAA01, Home Terminal: SVHS, Library: (empty), SWAP: (empty), Run Params: 15



How does MultiBatch 10 compare vs NetBatch?

	MultiBatch	NetBatch and Netbatch+
Network Capable	Yes, centrally managed	Yes, centrally managed
Job Process Control	Direct, all under monitor control	Executor Scripts start multiple processes
Job Dependency Control	Monitor controlled dependency	Executor Scripts release dependent jobs
Job Parameters	Assigns, Defines, Params, FDs and Environment	Assigns, Defines, Params
Job Selection	Direct, run when scheduled	Class controls access to Executor and then CPU
Job Structure	JOB, SEGMENT, UNIT to facilitate parallel processing	Controlled by user written Executor script
Scheduling Options	Time, Interval, Calendar, Dependency, CRON	Time, Interval, Calendar, Dependency, Delay, CRON
Migration	Deep migration of complete schedule with translation	Simple migration with manual script updates
Parameterisation	Granular field level	Job Default Sets
Disaster Recovery	Inbuilt monitor recovery	No
OSS Support	Yes	No
Status Monitor	Comprehensive multi-level dynamic subsystem	Single Screen
Monitor to Process Protocol	Yes, to report progress and for restart	No
Start Time Monitor	Yes	No
Administration GUI	Comprehensive GUI to define your workload processing	No
Operational GUI	Dynamic and interactive overview of your processing	No

MultiBatch beats NetBatch across the board.

- 🎯 MultiBatch has sophisticated dynamic GUI interface for administration and operational control
- 🎯 MultiBatch provides significantly more sophisticated and integrated job definition. Not needing to write scripts external from the database job definition is a major benefit when managing a batch environment.
- 🎯 MultiBatch has deep support for OSS processes. Specific support is included in the user interface and scheduler equivalent to that for Guardian processes.
- 🎯 MultiBatch manages all job dependency logic centrally in the scheduler. There is no requirement to write specific job release logic. Job dependencies are automatically adjusted depending on the job set to be run.
- 🎯 MultiBatch provides a significantly more complete and comprehensive view of job schedule status.
- 🎯 MultiBatch has an active roadmap where new features are designed, planned and scheduled for release. The roadmap is determined by our customers.

