

Fully utilise your HPE NonStop investment. MultiBatch provides comprehensive, streamlined and effective management of your mission critical processing.

MultiBatch can schedule anything from a regular file transfer through automating a site swap to controlling a complex multi-node batch run.

### WHAT IS MULTIBATCH FROM INSIDER TECHNOLOGIES?

MultiBatch is a workload automation manager designed specifically for HPE NonStop, making best use of the fault tolerance and scalability features.

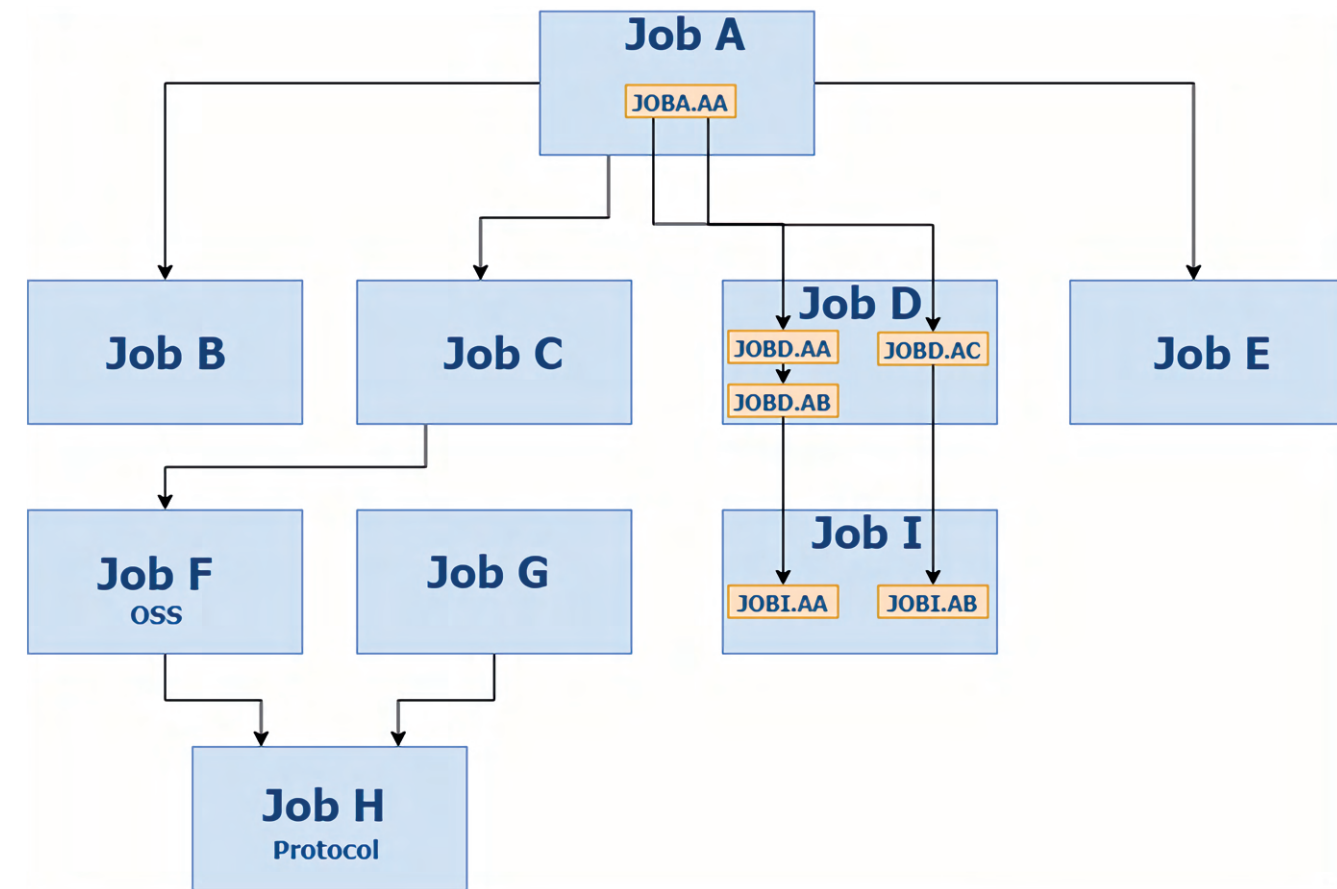
It delivers best-in-class functionality for the demanding workload requirements of mission-critical systems by combining high-performance and parallel processing with enhanced operational control across your HPE NonStop nodes from a single interface.

A single schedule can contain up to 2500 jobs and as many schedules as required can be configured and run. A unique job structure facilitates parallel processing and dependencies.

Model jobs and schedules can be pre-configured, cloned and then run on demand at the command line.

The key programs run as process pairs and the schedule status is written to a TMF audited file as it progresses. The audit file can be replicated to another site where disaster recovery (DR) can be achieved with just a few commands.

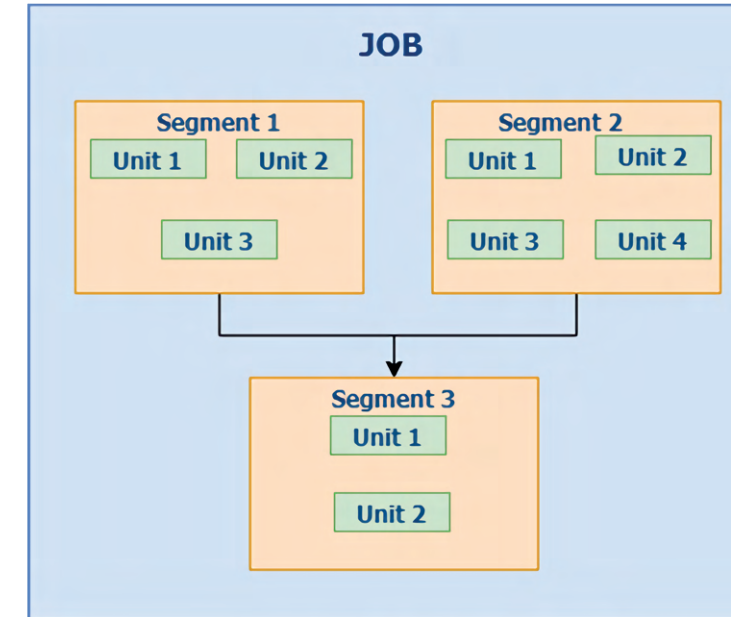
MultiBatch configures and controls both Guardian and OSS processes. The deep functionality is equally applicable to both, with specific job setup screens provided for input of the parameters that apply to either operating environment.



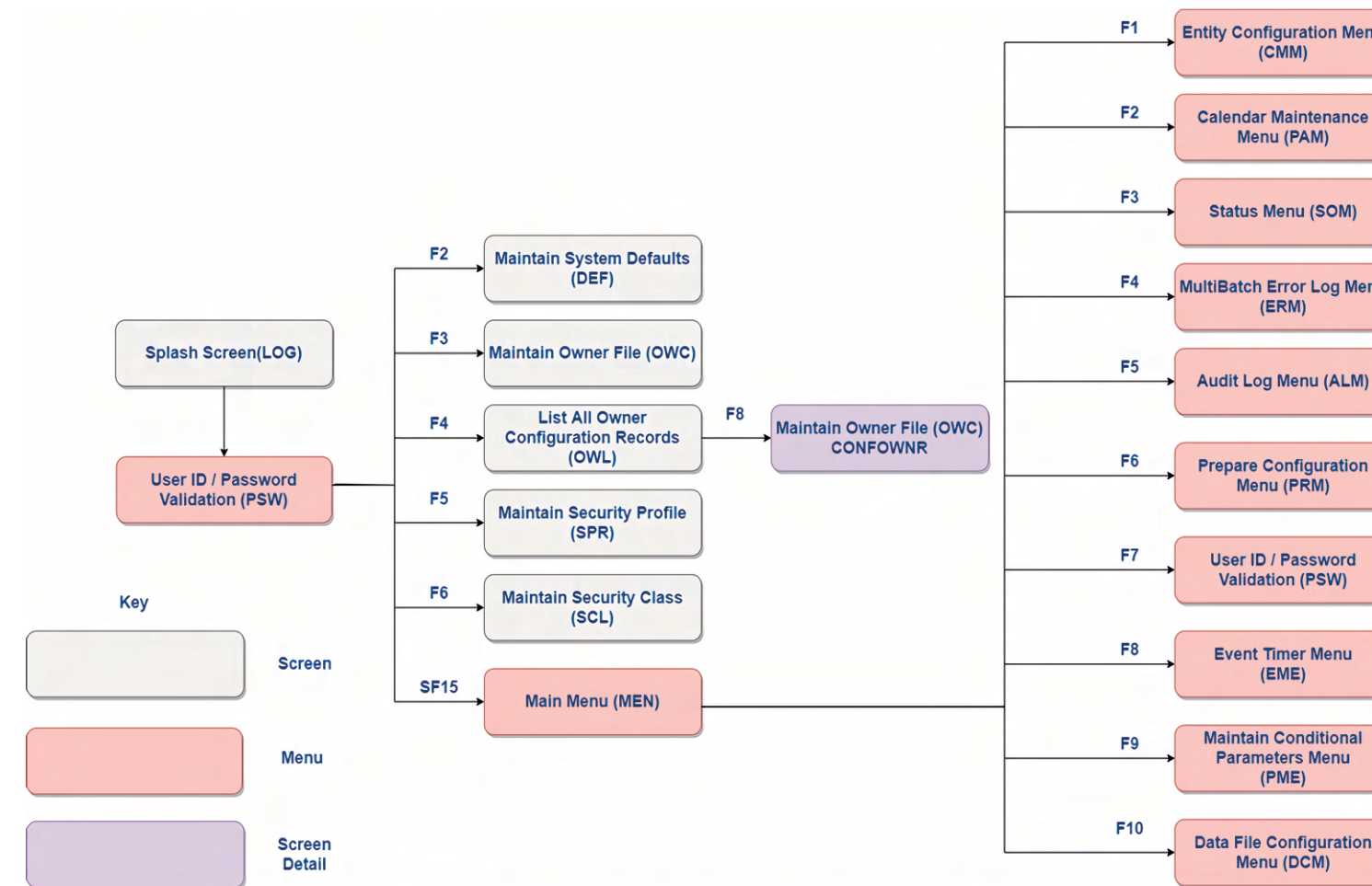
Scheduler Controlled Dependencies

### KEY BENEFITS

- ⌚ Sophisticated and integrated job definitions. Jobs are run directly as defined in the configuration database without the need to write separate control scripts.
- ⌚ A unique Job/Segment/Unit structure that facilitates both parallel processing and sophisticated process dependencies.
- ⌚ Deep support for OSS processes. Specific support is included in the user interface and scheduler equally to that provided for Guardian processes.
- ⌚ Job dependency logic managed centrally in the scheduler. There is no requirement to write specific job release logic. Job dependencies are automatically adjusted depending on the job set selected.
- ⌚ Support for on demand processing in addition to supporting your traditional regular daily schedules. Pre-defined job templates are used as the basis for ad-hoc job processing.
- ⌚ An active roadmap ensures continuous investment and innovation



Unique Job Structure



Comprehensive Screen Interface

### FEATURES

- ⌚ Easy menu driven installation process, simple step-by-step guide and defaults for all key fields.
- ⌚ Unique job structuring allows tasks to be broken out to facilitate grouping, parallel processing and dependencies.
- ⌚ Job dependencies are centrally controlled and automatically adjusted to consider daily scheduling.
- ⌚ Scheduling by job and within job by calendar, absolute dates and group logic.
- ⌚ Create model jobs, which users can clone, modify and run on demand.
- ⌚ Defines, assigns, parameters, file descriptors and environment variables can be grouped and re-used across jobs.
- ⌚ The migration process allows central configuration to be installed across environments, complete with the necessary node, volume and subvolume conversions.
- ⌚ Simple effective security with log on using Guardian user IDs and passwords; facilities are grouped into classes, which are allocated to users.
- ⌚ A comprehensive status database is maintained and displayed in real time. Failed processing is highlighted, take action by drilling down to individual failed processes.
- ⌚ Start time monitoring and alerts are raised if a job has not started by the prescribed time.
- ⌚ Built-in DR Facility, the full monitor context can be replicated; workloads can resume from the point of failure.
- ⌚ Optional tight integration with user jobs allows MultiBatch to monitor, maintain, and report job status and to facilitate restart after a failure.
- ⌚ Deep parameterisation for key configuration fields where tokens are substituted for values when a schedule is loaded.
- ⌚ Comprehensive time based scheduling with at, every and Unix-like CRON functionality.
- ⌚ A full audit trail of user actions and task runtime errors is maintained.

### SYSTEM REQUIREMENTS

HPE NonStop system running under L19.03, J06.22 or later versions.

### SOFTWARE REQUIREMENTS

MultiBatch requires the following products.

On L-series OS

SKU	Description
BE359AC	HPE NonStop TS/MP (ACS)
BE221AC	HPE NonStop COBOL85 Run Time Library

On J-series OS

SKU	Description
QSR78	HPE NonStop TS/MP (ACS)
QSB81	HPE NonStop COBOL85 Run Time Library



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