

BMC Control-M Workload Automation Batch Impact Manager

Complete batch processing on schedule with predictive analytics and statistics-based early warnings

Digital Enterprise Management



PRODUCT DESCRIPTION

BMC Control-M Batch Impact Manager detects potential delays and errors in batch workload processing, enabling IT staff to take corrective actions before business services are affected. It proactively determines how a delay or failure in batch workflow execution will affect systems and business users. With that insight, IT can prioritize incident responses to minimize disruption to the most important workflows.

BUSINESS CHALLENGE

When a batch process failure or latency occurs in the IT environment, **its impact to the business may not be readily obvious**. Is it a low-priority issue? Or will it have a direct impact on the bottom line? Can IT afford not to know?

BMC SOLUTION

Control-M Batch Impact Manager **brings a business perspective to batch workflow management**. It gives users insight into how changes or disruptions may affect operations and helps them plan corrective action. By extending workflow visibility to the business process level, **users gain both the insight and automated controls necessary to build safeguards into their enterprise batch processing systems**.

KEY FEATURES

Control-M Batch Impact Manager enables proactive workflow planning and troubleshooting.

- **Predictive analytics** detect potential delays and errors in the batch business process, preventing interruptions to business services
- **Advanced problem analysis tools** identify the root cause of actual and potential service level agreement (SLA) delays and provide guidance on how to resolve them
- **Extensive simulation capabilities** eliminate trial and error in the production environment, helping prevent conflicts

KEY BENEFITS

- **Provides the business perspective** needed to make job scheduling and management decisions
- **Minimizes business disruption** by providing advance notification of potential delays or failures
- **Fast time-to-benefit** by delivering value as soon as even a single SLA is defined

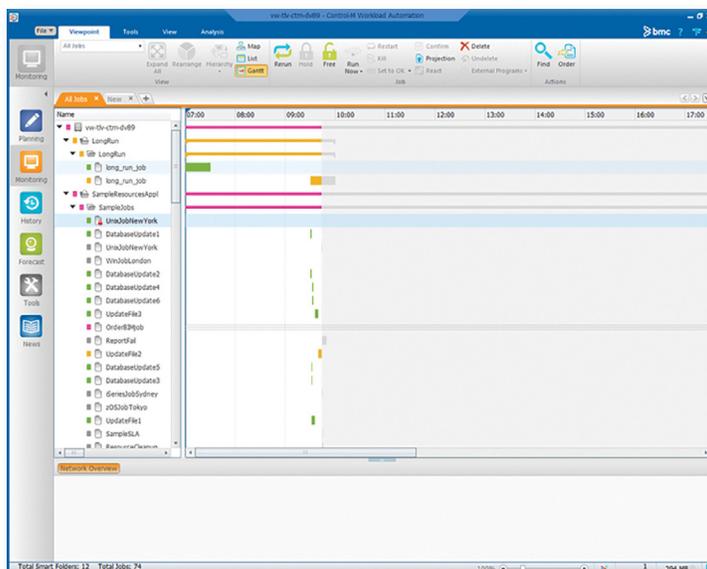


Figure 1: Proactively track service delivery progress in the production environment. Runtime projections ensure quick response to potential delays.

PRODUCT DETAILS

How Control-M Batch Impact Manager works

1) **Defines the job:** Performing batch management from a business perspective begins with identifying the most critical business services, their related critical batch processes, and the batch jobs that facilitate them. A new Control-M Batch Impact Manager service job is then defined to represent the critical business process. All predecessors in the process flow are discovered automatically and are considered part of the service path. The critical jobs are assigned with various attributes related to their completion time requirements.

2) **Automatically monitors workflows:** Once critical batch processes are identified, Control-M Batch Impact Manager dynamically tracks the status of the entire service. Potential delays are determined at the earliest possible time by constantly scanning the jobs related to the business process, giving IT staff ample time to prevent the problem.

3) **Automatically initiates problem resolution:** When a delay or failure is detected, proper notification is displayed through standard Control-M alert mechanisms. Control-M Batch Impact Manager can also:

- Open a BMC service desk ticket describing the service currently at risk
- Send an alert to show the impact of a workload automation event in the service model
- Send an alert to the BMC Control-M/Enterprise Manager
- Send an alert via SNMP to external monitoring systems

- Trigger automatic corrective actions, such as job submission, to bypass the delay and ensure the continuation of the batch process flow

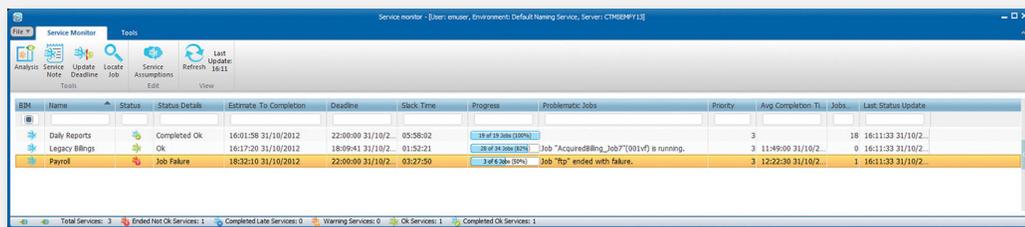
4) **Enables root-cause analysis:** To help IT understand the root cause of a potential delay, BMC Batch Impact Manager offers advanced problem analysis tools, such as a job's estimated future run times, critical path analysis, execution time windows, and statistical trends. IT can use these capabilities to quickly identify and analyze problems and evaluate potential resolutions.

Prevention through simulation

Control-M Batch Impact Manager offers extensive simulation capabilities. Actions such as skipping a job within the job flow, changing a job's priority, manipulating logical resources, and other activity can be easily simulated on top of the live production environment. This allows a precise examination of the potential result of such a change, at both the job and business process levels.

FOR MORE INFORMATION

To learn more about BMC Control-M Batch Impact Manager, please visit bmc.com/it-solutions/control-m-batch-impact-manager.html



BM	Name	Status	Status Details	Estimate To Completion	Deadline	Slack Time	Progress	Problematic Jobs	Priority	Avg Completion T.	Jobs	Last Status Update
	Daily Reports	Completed OK		16:01:58 31/10/2012	22:00:00 31/10/2	05:58:02	19 of 19 jobs (100%)		3		18	16:11:33 31/10/2
	Legacy Billings	Ok		16:17:20 31/10/2012	18:09:41 31/10/2	01:52:21	28 of 38 jobs (82%)	Job "AcquiredBilling_Job7(001v)" is running.	3	11:49:00 31/10/2	0	16:11:33 31/10/2
	Payroll	Job Failure		18:32:10 31/10/2012	22:00:00 31/10/2	03:27:50	3 of 6 jobs (50%)	Job "Psp" ended with failure.	3	12:22:30 31/10/2	1	16:11:33 31/10/2

 Figure 2: Control-M Batch Impact Manager helps prevent potential problems by providing early notification through the Business Services view.

BMC is a global leader in innovative software solutions that enable businesses to transform into digital enterprises for the ultimate competitive advantage. Our Digital Enterprise Management solutions are designed to make digital business fast, seamless, and optimized from mainframe to mobile to cloud and beyond.

BMC – Bring IT to Life

BMC digital IT transforms 82% of the Fortune 500®.



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