Control-M

Application and data workflow orchestration made simple

Complex application and data workflows? Problem solved.

Control-M simplifies workflow orchestration, making it easy to define, schedule, manage and monitor application and data workflows, ensuring visibility and reliability, and improving SLAs.

End-to-end orchestration across multiple clouds

Control-M integrates, automates, and orchestrates workflows on-premises, and in public and private clouds, so your jobs and business services are delivered on time, every time. With a single unified view, you can orchestrate all your workflows, including file transfers, applications, data sources and infrastructure with a rich library of plug-ins. Easily provisioned in any cloud, Control-M leverages the ephemeral capabilities of cloud compute services.

Embedded in your DevOps toolchain

Using a Jobs-as-Code approach with REST APIs, JSON, and Python, within the CI/CD toolchain, workflows become versionable, testable and maintainable, so developers and DevOps engineers can work collaboratively. With Control-M Workbench, a no-fee, personal sandbox, developers can unit-test their workflows before committing to a code repository.

Simplify and scale data pipelines

Control-M simplifies the creation, integration, and automation of data pipelines across on-premises and cloud technologies, allowing you to integrate with platforms including Airflow, Hadoop, Spark, Amazon EMR, Snowflake, Amazon Redshift and others. Because most data moves as a file transfer, Control-M provides a single interface to create, monitor and ensure delivery of files as part of your data pipeline.

WORKFLOW ORCHESTRATION THAT MEETS OPERATIONAL STANDARDS

Control-M provides advanced operational capabilities easily consumed by Dev, Ops and lines-of-business alike, including:
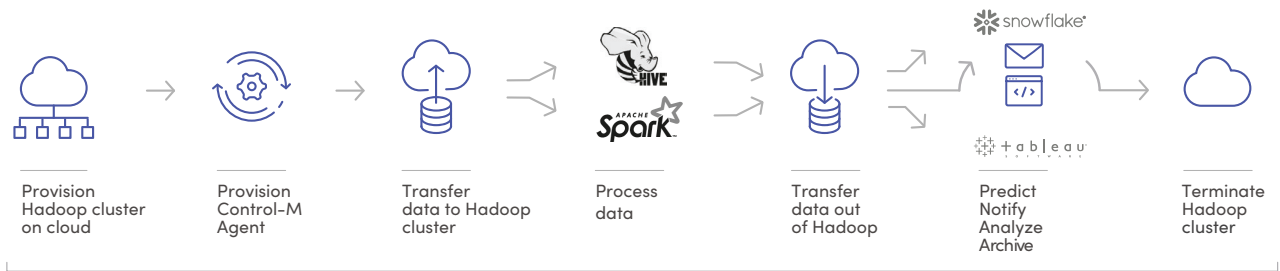
- **End-to-end workflow connectivity** – any application, any data source, and all your critical systems of record, mainframe to cloud

- **In-depth workflow observability** with intelligent predictive analytics and reports

- **Auditing** for compliance and governance

- **Logs and output** capture and management

- **Insights** into workflow performance trends over time to address optimization challenges

- **Proven stability** with thousands of companies scaling from 10s to millions of jobs with zero downtime

Control-M's fully automated and event-driven workflows proactively prevent potential failures, delivering digital services on time, every time.

Workflow orchestration in action

A company that owns thousands of vehicles has a business goal to reduce vehicle downtime by 40% with a predictive model to enable preventive maintenance versus costly emergency repairs. This challenge requires ingesting real-time vehicle sensor data analyzed with multiple historical repair data records using machine learning algorithms to predict a failure before it happens. Then the system must correlate vehicle location to service depots with parts availability, directing drivers to complete the preventative repair in route versus a roadside repair.

Provision Hadoop cluster on cloud → Provision Control-M Agent → Transfer data to Hadoop cluster → Process data → Transfer data out of Hadoop → Predict Notify Analyze Archive → Terminate Hadoop cluster

Control-M Workflow Orchestration

Put Control-M to work for you

Developers

Build multi-application workflows using a Jobs-as-Code approach. This allows you to build and test these workflows in a CI/CD pipeline.

Operations

Monitor and manage multi-application workflows from a single point of control with full access to logs and output.

Business Users

Stay up to date on the status of critical services from a mobile app.

ⓘ **FOR MORE INFORMATION**

Explore resources for developers at **jobsascode.io**

Take an in-depth look at Control-M at **bmc.com/control-m**

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