

MVC Job Orchestrator operates differently

It communicates through MVIS RESTful API requests within a native MultiValue environment, enabling direct interaction with UniVerse data, paragraphs, and processes, resulting in:

- More reliable execution with fewer failure points
- Native error logging and visibility
- Clear dependency tracking within the MV environment
- Easier troubleshooting and auditability
- More reliable execution with fewer failure points

MVC Job Orchestrator

Take control of your MultiValue batch operations. No more chaos, just coordination.

Purpose-built orchestration for Rocket UniVerse: Bringing visibility, control, and reliability to your batch operations

MVC Job Orchestrator is a job scheduling and orchestration platform purpose-built for MultiValue (MV) environments. It enables you to centrally define, run, and monitor batch jobs across Windows, Linux, and Unix systems running MV databases, and communicating seamlessly via Rocket MultiValue Integration Server (MVIS) and SSH.

A Patchworked Solution Can Lead to Downtime and Corrupted Data

Most organizations running MV-based applications rely on a fragile mix of cron jobs, homegrown scripts, manual execution, and institutional knowledge to keep background processes running. The results are predictable:

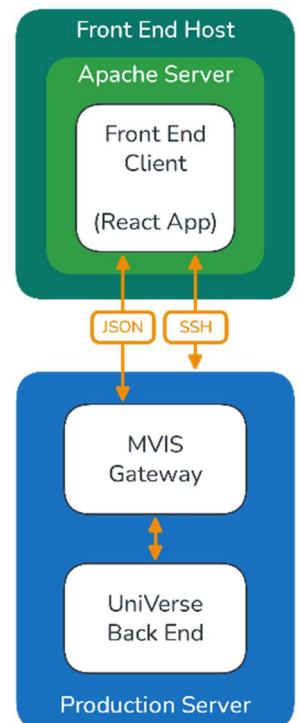
- Jobs fail silently with no one alerted and no clear audit trail
- Dependency chains are undocumented, unclear, and unmanaged
- Troubleshooting is slow and reactive, not data-driven
- Critical processes like billing, inventory, & reporting, depend on people, not systems

When a production outage or missed job finally surfaces, you'll measure the associated cost in downtime, data corruption, and firefighting.

UniVerse, Native to the Core (or Engineered for UniVerse Environments)

Unlike generic schedulers and orchestration tools, MVC Job Orchestrator is designed specifically for Rocket UniVerse environments, not just running UniVerse jobs, but understanding them. Traditional tools (e.g., Kubernetes) execute UniVerse jobs indirectly, typically by calling shell scripts that invoke paragraphs. While functional, this approach is often opaque, difficult to manage, and lacks native visibility into MV processes.

MVC's Job-Orchestrator
High Level System Architecture





Flexible Deployment & Technical Specifications

MVC Job Orchestrator is deployed locally within your environment and is designed to integrate seamlessly with your existing infrastructure.

- Backend: Rocket UniVerse 11.x+ and Rocket MVIS
- Frontend: Apache Server 2.4.x
- Server Compatibility: Windows, Linux, Unix
- Integration: Native Rocket MVIS (RESTful communication) + SSH

MVC Job Orchestrator turns a collection of disconnected scheduled scripts into one coordinated, self-monitoring workflow. Automatically managing dependencies, tracking results, auditing activity, & alerting the right people when something fails.

Feature	What It Means for You
Centralized Job Control	Define, schedule, and manage all jobs from a single interface across every MV system in your environment. No more scattered scripts or tribal knowledge.
Dependency Management & Automated Sequencing	Jobs run in the right order, every time. If a dependency fails, downstream jobs wait or reroute thus preventing cascading failures and corrupt data.
Real-Time Visibility & Logging	See exactly what's running, what's waiting, and what's failed, in real time. Full audit trails mean faster root cause analysis and cleaner compliance reviews.
Automated Alerting	The right people are notified the moment something goes wrong. No more discovering failures hours later when downstream systems break.
Visual Workflow Diagrams	Understand complex, interdependent job chains at a glance. Ideal for onboarding new staff or auditing legacy processes you've inherited.
Non-Disruptive Integration	MVC Job Orchestrator is designed to wrap around your existing scripts and procedures, not replace them, so you can adopt incrementally with minimal risk.

**Ready to bring order to your batch operations?
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