

MOJO Platform: Revolutionizing IT Infrastructure for Federal Teams



Executive Summary

Federal agencies face unprecedented challenges in modernizing their IT infrastructure while maintaining compliance, security, and operational efficiency. Metify's MOJO Platform offers a groundbreaking solution, enabling agencies to simplify and modernize their IT environments with unmatched flexibility, scalability, and security. Built on open standards and leveraging embedded AI, MOJO empowers agencies to adopt an Open AI strategy, reduce costs, and accelerate time to value—all without vendor lock-in.

Introduction to Metify MOJO

Metify MOJO is an intelligent data center automation platform designed to give federal agencies the freedom to choose the application platforms, automation tools, and server brands they prefer. Innovating on open standards like Redfish, OpenBMC, and the Open Compute Project, MOJO sets a new benchmark for IT operational efficiency, security, and reliability.

With MOJO, federal agencies can:

- Build and scale AI-driven "factories" for advanced workloads.
- Manage hybrid, multicloud, and on-premises environments seamlessly.
- Automate provisioning, patching, and compliance tasks to reduce operational overhead.

Key Features and Benefits

1. Open Standards for Flexibility

MOJO eliminates vendor lock-in by adopting open management standards like Redfish and OpenBMC, allowing agencies to:

- Integrate with any server vendor or hardware platform.
- Future-proof their IT investments with open standards-based architecture.

2. Embedded AI for Intelligent Automation

MOJO's embedded AI enables:

- Intelligent discovery, provisioning, and management of servers.
- Automated infrastructure-specific reporting for compliance and audits.
- Self-healing capabilities to address configuration drift and anomalies.
- Automated, intelligent, and scaled BIOS and Firmware updates.

3. Multicloud Extensibility

MOJO supports hybrid and multicloud environments through partnerships with Taikun Cloudworks and platforms like:

- Azure Arc
- AWS Elastic Kubernetes Service
- Google Anthos
- Red Hat OpenShift Kubernetes

This ensures flexibility and scalability for applications across classified and unclassified environments.

4. Enhanced Security

MOJO is secure by design, offering:

- Secure Hardware Root of Trust (HrOT) integrations.
- Application or hardware centric server pooling and role-based access controls.
- FIPS-validated encryption for data at rest and in transit.
- Immutable S3-compatible WORM storage for reliable disaster recovery.

Compliance with NIST 800-53, DISA STIGs, and zero-trust principles.

5. Day "0" through Day "N" Operations

MOJO ensures comprehensive server lifecycle management (SLM)

- Day "0": Initial Deployment & Configuration of Bare-Metal Servers.
- Day "1": Deployment of Operating Systems, Applications, and Custom Configurations.
- Day "N": DoD compliant system wipe and readiness for reinsertion.

6. Unified Management Dashboard

MOJO provides a single-pane-of-glass management interface for:

- Server resources, components, health (CPU, memory, storage).
- Workload security and governance.
- STIG compliance monitoring and reporting.

Use Cases for Federal Agencies

1. Data Center Modernization

MOJO enables federal agencies to build modernize and automate their IT infrastructure.

- Optimize costs by choosing their preferred server vendors.
- Scale bare metal or virtualized workloads efficiently across hybrid environments.
- Select the application frameworks and clouds of their choice to run on premise or hybridized.

2. Compliance and Audit Readiness

MOJO automates compliance with DISA STIGs and generates detailed audit reports, helping agencies meet stringent federal regulations.

3. Disaster Recovery and Business Continuity

With highly resilient storage and granular replication, MOJO ensures quick recovery and uninterrupted operations during disasters.

4. Rapid Application Deployment

MOJO accelerates application and database provisioning, reducing deployment times to minutes. It automates patching, backups, and resource allocation, enabling agencies to focus on mission-critical tasks.

Conclusion

Metify MOJO is the ultimate platform for federal agencies looking to modernize their IT infrastructure. By leveraging open standards, embedded AI, and multicloud extensibility, MOJO delivers unparalleled flexibility, security, and efficiency. Federal agencies can confidently adopt MOJO to streamline operations, reduce costs, and future-proof their IT environments.

Take the next step in modernizing your IT infrastructure today. Visit www.metify.io to learn more about MOJO.

Technical Capabilities

Redfish Compliance: 100% compliance with Redfish standards ensures compatibility with diverse hardware platforms.

Dynamic Resource Allocation: MOJO dynamically allocates resources on demand, reducing maintenance cycles and optimizing performance.

Multicloud Management: Seamless integration with hybrid cloud platforms ensures flexibility for evolving workloads.

Zero-Touch Provisioning (ZTP): Automates server provisioning, reducing manual effort and errors.

Why MOJO for Federal Agencies?

Federal IT departments require solutions that address their unique challenges, including:

- **Security:** MOJO's zero-trust approach and compliance with federal standards ensure robust protection.
- **Scalability:** Scale infrastructure in minutes across data centers, edge locations, and clouds.
- **Cost Efficiency:** Reduce costs by eliminating vendor lock-in and optimizing resource utilization.
- **Operational Simplicity:** Manage complex environments with a unified dashboard and embedded intelligence.

