


SOLUTION BRIEF

# IICS AccelDeploy: Accelerated and Automated IICS Code Deployment

Simplify, standardize, and speed up Informatica deployments with zero manual errors.





Deployment of Informatica Intelligent Cloud Services (IICS) components often demands manual effort, coordination, and repetitive validation.

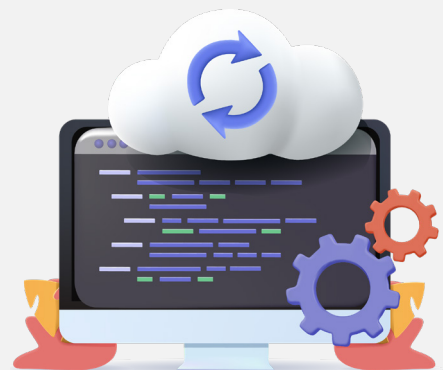
Each deployment cycle can involve numerous objects, including workflows, mappings, sessions, and connections, making it prone to human error, inconsistencies, and delays.

As organizations scale their data integration workloads across cloud and on-prem environments, deployment complexity increases, with rising needs for speed, standardization, and governance. Organizations need a **reliable, automated deployment approach** that reduces manual intervention, minimizes risk, and provides full traceability across environments.

## The IICS Deployment Challenge

Traditional IICS deployments involve manual packaging, transfers, and validations across environments.

These processes are time-consuming, error-prone, and difficult to track, especially when managing multiple mappings or workflows within a project.



Key challenges include:

- Manual effort for deploying multiple IICS artifacts.
- High error rates due to human intervention and inconsistent processes.
- Lack of centralized deployment logs or audit history.
- Complex rollback and backup procedures.
- Time-consuming validation and approval cycles.
- Limited visibility into deployment execution and outcomes.

Organizations need a governed, automated deployment framework that simplifies multi-object rollouts, ensures consistency, and maintains transparency.

# Introducing IICS AccelDeploy

**IICS AccelDeploy** is a lightweight deployment automation framework purpose-built for Informatica Intelligent Cloud Services (IICS).

Developed using **UNIX shell scripting** and **IICS REST API v3**, it automates the deployment of multiple code artifacts, including mappings, workflows, sessions, connections, and folders, in a single, controlled execution.

With centralized logging, built-in exception handling, and configurable notifications, AccelDeploy delivers faster, cleaner, and more reliable deployments, allowing teams to focus on innovation instead of maintenance.



## Key Capabilities

AccelDeploy combines automation, simplicity, and configurability to make IICS deployments consistent and error-free across development, QA, and production environments. Its modular structure allows rapid setup and flexible customization for any project need. Core capabilities include:



### Backup and Rollback Support

Automatically backs up target objects before deployment, allowing quick rollback if required.



### Automated Reconciliation Engine

Captures and records all errors in structured log outputs for fast diagnosis.



### Centralized Logging

Generates a single unified log file with timestamps and user details for easy traceability and debugging.



### Security and Encryption

Utilizes AES-256 encryption for credential handling; no passwords are stored in clear text.



### Email Notifications

Sends consolidated deployment summaries and logs to pre-configured distribution lists.



### Lightweight and Configurable

Built with only five UNIX scripts and two configuration files, ensuring a low footprint and easy project-specific customization.



### Multi-Object Deployment

Deploy multiple IICS components, including workflows, mappings, sessions, and connections, simultaneously, even across multiple folders within a project.

## Why IICS AccelDeploy

**AccelDeploy** stands apart as a lightweight, robust, and secure automation utility purpose-built for Informatica environments. It simplifies deployment without introducing overhead, making it ideal for organizations seeking fast, repeatable, and governed code promotion across IICS environments.

### Key Differentiators

- Deploys multiple artifacts in a single run, across folders or projects.
- Built-in backup and rollback capability for safe, reversible deployments.
- Centralized log management for full audit traceability.
- Open and customizable design for any enterprise or DevOps use case.
- Enterprise-grade security with AES-256 encryption.
- Developed using best-in-class coding standards and industry practices.

## Business Benefits

By automating the end-to-end IICS deployment process, AccelDeploy enhances operational efficiency, governance, and agility across data integration environments.



### Improved Accuracy

Eliminate human error with automated validation, backup, and error handling.



### Simplified Maintenance

Easy to install (unzip and run) and modify for specific project needs.



### Lower Cost of Ownership

Lightweight architecture with minimal configuration requirements.



### DevOps Ready

Seamlessly integrates into CI/CD pipelines for continuous deployment.



### Enhanced Traceability

Unified, timestamped logs with audit history of all deployments.



### Governance and Compliance

Ensures auditability and controlled execution across environments.



### Reduced Deployment Time

Deploy multiple objects simultaneously – cutting deployment cycles by up to 80%.





## Why NuSummit?

NuSummit brings deep expertise in AI and Data, Cloud Modernization, Digital Engineering, and Cybersecurity, helping enterprises streamline and secure their data pipelines and infrastructure operations. Our delivery frameworks are designed to accelerate adoption while maintaining governance, security, and compliance. With proven experience in IICS, Informatica PowerCenter, and broader data ecosystems, we specialize in building and automating enterprise-grade deployment pipelines. Our solutions are secure, configurable, and scalable, consistently driving measurable efficiency gains and operational excellence.

**IICS AcceDeploy** eliminates the repetitive, error-prone nature of manual IICS deployments. Through automation, standardization, and transparency, it enables teams to deploy faster, safer, and smarter across any environment.

With **NuSummit's** expertise and proven delivery frameworks, organizations can modernize their financial operations and achieve faster, more accurate reconciliation at enterprise scale.



# About NuSummit

NuSummit is a global technology leader in AI-led digital transformation, specializing in applications, data, analytics, cloud, and cybersecurity. With over 300 clients worldwide, including 22 Fortune 500 companies, NuSummit supports organizations across industries. Our core expertise lies in banking, insurance, and capital markets, where we offer specialized solutions for these sectors.

With over two decades of experience and 3,000+ professionals, we deliver AI-driven, end-to-end solutions that integrate advanced cloud infrastructure and cybersecurity. Certified to top industry standards and backed by a robust partner ecosystem of hyperscalers and niche innovators, NuSummit is a trusted partner for secure, impactful digital innovation.

**For more information, write to [connect@nusummit.com](mailto:connect@nusummit.com)**

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