

Informatica Intelligent Cloud Services Assurance Package

Key Benefits

- **Mitigate risk** by increasing test coverage, reducing post-upgrade issues, and improving overall health of environment
- **Reduce costs** by automatically assessing the impact of releases, preparing the pre-release test environment and enabling regression testing
- **Increase visibility** by proactively managing and monitoring KPIs as they relate to adoption metrics and configuration change impacts

Mitigate Risk and Reduce Costs With AI-Powered Application Performance Management

Informatica® Intelligent Cloud Services (IICS) are foundational to your digital transformation. It's therefore critical to mitigate the risk of any disruptions and assure your organization's IICS environment is running at the highest performance and optimal efficiency. The Informatica Intelligent Cloud Services (IICS) Assurance Package simplifies your IICS upgrade process, understands the impact of new release features, performs on-demand health checks, and tracks important configuration changes in one place.

Many organizations have adopted a cloud-first, cloud-native strategy and would like to streamline their product upgrade and release management process to reduce recurring operating costs and reduce the risk of business continuity disruptions. Informatica provides next-generation application performance management for IICS that automates several pre-upgrade and release management-related activities. The IICS Assurance Package provides real-time monitoring, business insights, automated anomaly detection, and end-to-end visibility into the entire Cloud Data Integration and Cloud Application Integration environments. This means you spend less time fixing issues and more time driving innovation.

The IICS Assurance Package is cloud-native software that includes governance and control to streamline **DevOps** for Cloud Data Integration and Cloud Application Integration by addressing three critical needs:

- Increases **software development lifecycle (SDLC) agility** by simplifying testing and troubleshooting across Informatica Intelligent Cloud ServicesSM (IICS) organizations with unified asset replication and configuration sync
- Improves **observability** by tracking all configuration changes to different assets and providing recommendations for key changes, on-demand risk assessments, and a health check
- Increases **automation** and improves preparation for upgrades with tailored impact analysis and a dedicated pre-release org to perform regression testing

These capabilities and more provide the expertise and confidence you expect from the leader in enterprise cloud data management to help you meet your business requirements. You will receive 24x7 configuration change tracking and expedited first response and incident resolution because Informatica is committed to your success. As a best practice you will benefit from this assurance package by reducing operating costs, mitigating risk, and ensuring SLAs are met.

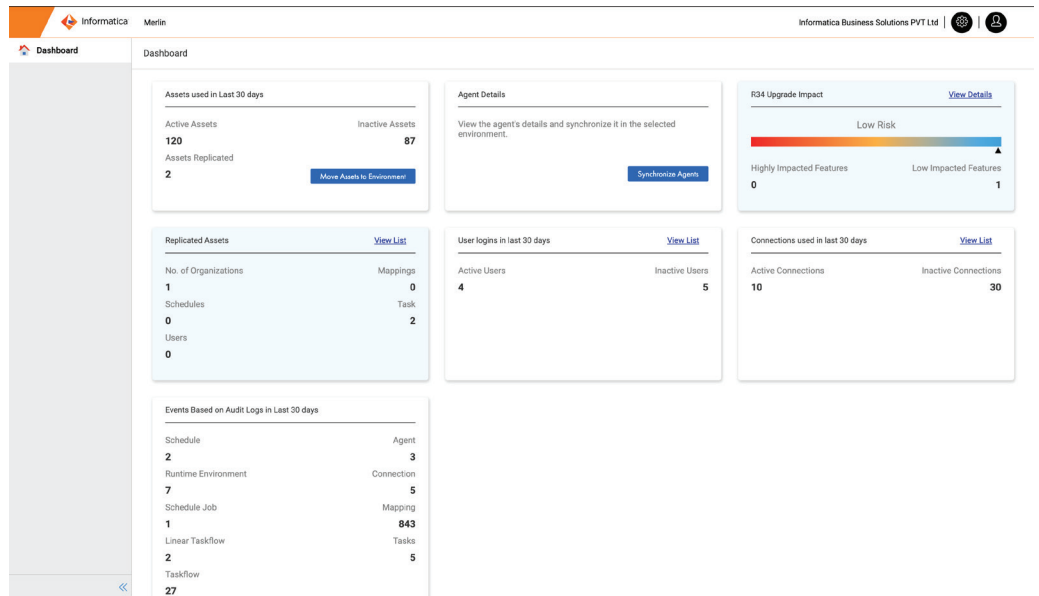


Figure 1: The IICS Assurance Package monitoring dashboard.

Key Features

Upgrade Management

Simplify your upgrade process with a separate release sandbox, automated task identification, asset migration, connection updates, and configuration synchronization for easier regression testing. For example, you can replicate artifacts into a pre-release sandbox.

Configuration Management and Monitoring

Keep track of important configuration changes in one place. Understand how configurations have changed over time and their impact. The IICS Assurance Package integrates with Informatica Operational Insights to provide even more visibility into integration and configuration management as it relates to entities. The package also provides resource tracking and enables you to observe incident response and remediation.

Feature Impact

Understand the impact of release features for your environment and risk report. Automate feature impact analysis so you can understand which activities or connectors are likely impacted by new release features and dependencies. Track all changes to entities in your organization, simplifying the impact of changes and promoting best practices so you can easily manage upgrades and releases.

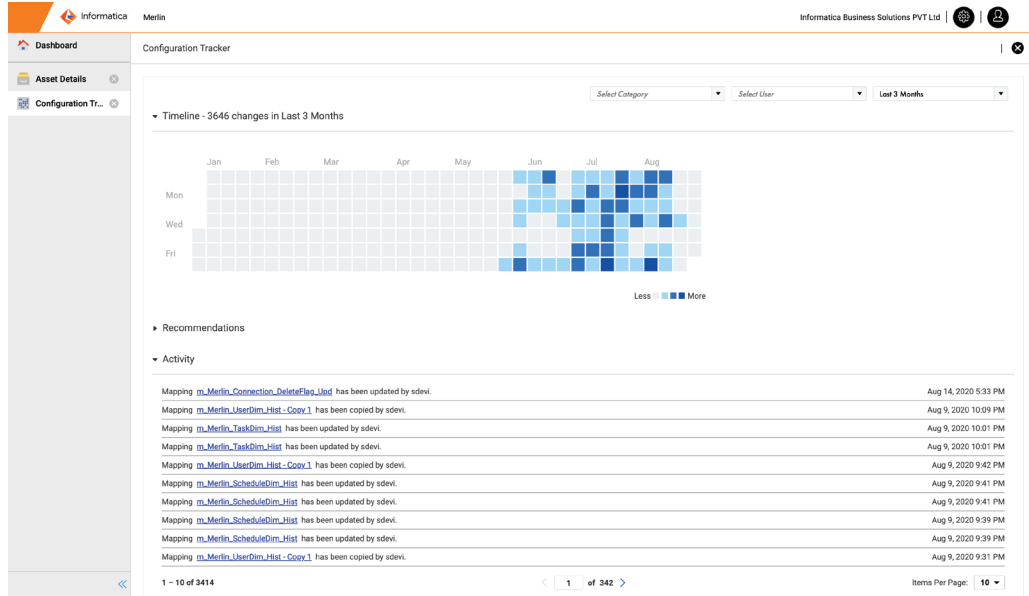


Figure 2: Automatically track all changes to entities in your organization.

Organization Administration

The IICS Assurance Package helps promote assets between organizations and keeps your secure agent configurations in sync. Manage asset replication to multiple environments from a single place in support of your SDLC policies. Identify potential security risks (inactive users, connections) and automate repetitive manual tasks. As part of user management housekeeping, you can deactivate sets of users who no longer need access to the environment.

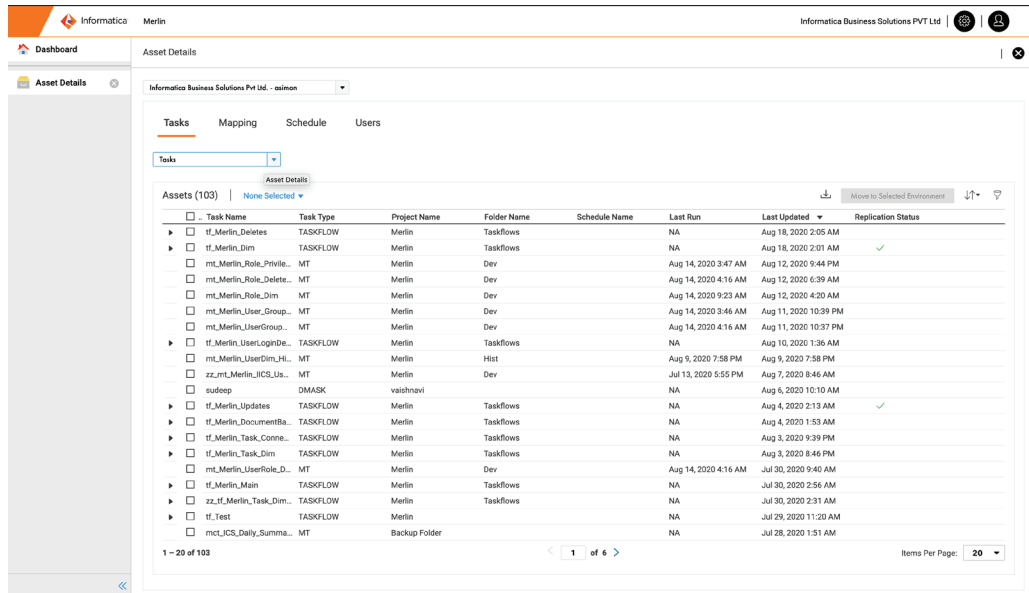


Figure 3: Manage asset replication to multiple environments from a single place.

Health Assessment and Recommendations

Perform over a hundred on-demand health checks for your organization and provide tailored best practices recommendations for your environment. Assess health across various categories like performance, unused or invalid assets, overall configuration validation of runtime environments, and security. Run health checks during critical milestones and provide easy retrieval of historical health checks to track progress.

Teams / Slack Integration

Users can choose to receive notifications whenever new health check and recommendations are generated for your organization, all in a single productivity app.

Intelligent DataOps

Automatically optimize your Cloud Data Integration deployment for continuous integration (CI) and continuous delivery (CD) related to DataOps. Based on continuous observation of resource utilization trends, data-volume processing projections are offered to help with capacity planning and auto scale data management runtime resources. The seasonal Hybrid ESD algorithm detects anomalies in job-run behavior. Optimize resource capacity based on project usage and current resources utilization and enable charge-back models.

Replication Groups

Create groupings of various assets like tasks, taskflows, mappings, etc., which can then be replicated into a target organization all at once. This streamlines the efficiency of major upgrades enabling you to consistently test business-critical assets without creating additional folders or metadata in an organization.

Naming Conventions

Many organizations have naming conventions to follow for their data integration assets. Add naming convention patterns specific to your organization and validate that the naming of the assets adhere to these patterns.

Secure Agent Property Comparisons

Secure Agents execute core data integration workflows. Configuring them correctly within or across organizations ensures consistent behavior when used in runtime and other environments.

Key Benefits

Mitigate Risk

Mitigate risk by increasing test coverage, reducing post-upgrade issues, and improving the overall performance of your environment. With a better understanding of what to test based on feature impact analysis, you increase test coverage and minimize the risk of post-upgrade production issues. Automated health checks, identifying best-practice conditions, and configuration management ensure your environment runs optimally to meet business SLAs and minimize any disruptions.

About Informatica

Digital transformation changes expectations: better service, faster delivery, with less cost. Businesses must transform to stay relevant and data holds the answers.

As the world's leader in Enterprise Cloud Data Management, we're prepared to help you intelligently lead—in any sector, category, or niche. Informatica provides you with the foresight to become more agile, realize new growth opportunities, or create new inventions. With 100% focus on everything data, we offer the versatility needed to succeed.

We invite you to explore all that Informatica has to offer—and unleash the power of data to drive your next intelligent disruption.

Reduce Costs

Reduce costs by automatically assessing the impact of releases, preparing the pre-release test environment, and enabling regression testing. Reduce testing preparation time by up to half by automatically migrating assets to test environments and using a single location to manage and track configurations and organizations. Even more time and cost savings come with understanding the impact of release features on your environment and automatically identifying critical assets for sufficient end-to-end test case coverage.

Increase Visibility

Increase visibility by proactively managing and monitoring KPIs as they relate to adoption metrics and configuration change impacts. Track key configuration changes and their impacts in one place and get complete visibility of change impacts by identifying relationships across entities. Gain more insight into your Cloud Data Integration and Cloud Application Integration environments by correlating metadata with Operational Insight's monitoring, automated health checks, and reporting notifications during critical milestones and events.

Next Steps

Learn more about Informatica solutions for [Cloud Data Integration and Cloud Application Integration](#).

