RES Suite 7

The main new features of the new release

Contents:

1. The new version of RES Suite

Version 7 of **RES Suite** introduces a major technological evolution, impacting multiple products across the platform and redefining its overall architecture.
Following the continuous update cycle developed throughout version 6, this release represents a structural redesign aimed at making the suite more **modern, interoperable, and scalable**, in line with the current needs of enterprise customers.

2. Main objective

The new enhancements are driven by two complementary goals.

First, they modernize the core technologies to improve performance, security, and integration with heterogeneous application ecosystems. Second, they introduce more advanced analysis and visualization capabilities, enabling organizations to better manage growing system complexity and address emerging operational and regulatory requirements.

The evolution of the suite focuses on four key areas:

- **Stronger analytical capabilities:** RES Suite delivers more advanced tools to analyze application and workload performance, allowing customers to gain deeper insight into the behavior of their systems.
- **Improved data integration:** data generated by RES Suite modules can be more easily integrated with existing customer tools and platforms, enabling a more coordinated and cross-domain use of information.
- **Modernized user interface:** the renewed UI enhances overall usability, making information easier to access and streamlining daily operational activities.
- **Proactive compliance support:** the suite introduces features designed to address emerging regulatory requirements, simplifying the semi-automated documentation of information systems and supporting compliance demonstration efforts.

3. WIC Planet and Batch-Watch

With version 7, WIC Planet and Batch-Watch undergo a complete architectural transformation, introducing a clear separation between back-end and front-end components.

This approach enables a more flexible and secure ecosystem, designed for easier integration with external applications while preserving data consistency and reliability.

What's new in version 7

- **Full architectural redesign:** a clear separation between back-end and front-end, based on a REST services architecture. This makes the products accessible to third-party applications and simplifies maintenance activities.
- **Renewed user interface:** a modern design aligned with current standards, featuring more intuitive screens and streamlined navigation paths.
- **Technology stack upgrade:** core software components have been updated, improving security, scalability, and overall interoperability across the suite.

WIC Planet and Batch-Watch	Features	Objective
	Back-end & front-end redesign	[UX & productivity]
	REST APIs	[Interoperability]

Benefits and impact

The enhancements introduced in version 7 significantly reduce operational complexity, **speed up access** to information, and improve the overall **quality of users' day-to-day work**.

The **architectural separation** increases platform stability and simplifies maintenance, enabling faster update cycles and a more agile release process.
The **new user interface** supports quicker, data-driven decision-making by presenting information in a clear and immediately actionable way.

Today, WIC Planet and Batch-Watch position themselves as more open and flexible solutions, capable of supporting the evolving management and governance of scheduled workloads.

4. z/OS environment

On the **mainframe** side, version 7 introduces significant enhancements aimed at expanding analytical coverage and ensuring compatibility with the latest releases of **IBM and HCL schedulers and security platforms**.

The improvements focus in particular on interoperability with multiple schedulers, access credential management, and higher-quality analytical capabilities.

What's new in version 7

- **TAG TWS (IWS):** optimized handling of TAG TWS comments within JCL, which in certain configurations could previously cause errors during job regeneration. Job generation is now stable and fully compatible with IBM Workload Scheduler (IWS/TWS).
- **COBOL Loader:** enhanced capabilities for analyzing, mapping, and building structured information sets for COBOL code, making the process faster and more scalable across large volumes.
- **Control-M email analysis:** the introduction of a module for inventorying and analyzing emails generated by Control-M–scheduled jobs, enabling more precise and detailed monitoring of running processes.

z/OS environment	Features	Objective
	TAG TWS	[Analytical coverage]
	COBOL Loader	[Analytical coverage]
	Control-M email analysis	[Analytical coverage]

Benefits and impact

The enhancements introduced in version 7 improve **operational stability** and strengthen the **security of z/OS modules**.

The optimization of **TAG TWS** ensures more reliable and consistent management of scheduled jobs, while the adoption of passphrases enhances the protection of mainframe access.

Finally, the new **Control-M**–related functionality further extends runtime analysis capabilities, making the overall RES ecosystem more complete and responsive.

5. DS-Watch

DS-Watch is the new RES Suite solution designed to provide a clear, integrated, and navigable view of enterprise **data store usage**.

It was created in response to the growing need to govern data environments that are continuously expanding.
The solution analyzes each data store in its most complete dimension by combining **static and run-time information**:

- **at rest**, by examining structure, allocations, and space utilization;
- **in motion**, by monitoring access patterns, I/O activity, response times, and relationships with batch processes and transactional components.

The result is a **single analytical environment** that brings together infrastructure, application, and performance perspectives, enabling data stores, storage, and applications to be observed and interpreted within a unified and coherent model.
While the initial focus is strongly oriented toward mainframe environments, the underlying conceptual design is intended to evolve toward **multi-platform** IT scenarios.

Context

The continuous growth of enterprise data is making storage management increasingly complex, both in terms of allocation control and resource optimization.

At the same time, emerging regulations such as **DORA** require stronger capabilities to demonstrate control, resilience, and traceability of data access.
Within this context, DS-Watch acts as a supporting solution for processes and tools related to:

- **storage management;**
- **backup and recovery;**
- **security and auditing.**

The availability of a historical and structured view of data access by processes and users supports regulatory compliance activities, improves documentation quality, and helps identify areas of potential inefficiency or obsolescence.

Benefits and impact

DS-Watch **integrates natively with the other products in the Watch family and with Docet**, contributing to the creation of cross-domain, cross-product documentation of the information system.

This integration makes it possible to correlate data, processes, and data stores within a unified view, strengthening the overall **analysis and governance capabilities** provided by RES Suite.

6. Deployment model

Another key enhancement introduced with version 7 of RES Suite concerns the software **distribution model.**

The **new deployment approach** is designed to simplify installation, updates, and maintenance, reducing manual effort and ensuring greater consistency across development, test, and production environments.

What's new in version 7

- **Containerized deployment:** RES applications are now delivered as containers, accompanied by deployment descriptors compatible with Kubernetes and OpenShift. This enables faster, standardized, and more resilient installations.
- **SMP/E package management on mainframe:** a new automated management and update mechanism has been introduced, isolating customizable components into dedicated files and significantly reducing the complexity of manual operations.

Deployment model	Features	Objective
	Containerization	[Operational management]
	Deployment descriptors for Kubernetes/OpenShift	[Operational management]
	SMP/E packages	[Operational management]

Benefits and impact

The new distribution model significantly reduces installation time and costs by eliminating many of the manual activities required in previous versions.

Containerization ensures more stable and consistent environments, minimizing differences between development, test, and production and simplifying ongoing maintenance activities.

Automated management through SMP/E improves the reliability of updates and enables controlled customization of components, while ensuring traceability and reversibility of changes.

7. The future of RES Suite

Looking beyond the scope of the features already introduced, version 7 also marks the beginning of a continuous evolution path for RES Suite. **Additional releases** are planned throughout the year and will be integrated directly into the active version.

As in previous years, part of these enhancements will continue to originate from direct engagement with customers and from the needs that emerge within their operational environments. Close attention to real requirements and the ability to translate them into concrete solutions remain central to the RES approach: **innovation follows pragmatic principles**, prioritizing capabilities that deliver tangible value and improve the quality of day-to-day work.

At the same time, version 7 fully activates the **rolling release model**. Starting with this release, RES Suite will adopt an annual cadence, with a new version released every January. This approach enables more predictable planning and ensures ongoing alignment between the product roadmap and customer needs.
Through this model, **the suite can evolve in a progressive, sustainable, and consistent manner**, preserving technological continuity while delivering a steady stream of enhancements designed to integrate naturally into existing processes.