



APOS Validation Manager

Automated Testing for Reports, Instances & Schedules

Automate report testing for:

- SAP Web Intelligence
- Analysis for Office
- Crystal Reports
- Crystal Reports for Enterprise

Automate Report Testing for Strong Change Management

BI content changes are daily facts of life for your BI team, and these ongoing changes to reports and universes can have far reaching impacts. System migrations and upgrades are important system events that require strong control and attention to detail. Whether its ongoing BI content changes or a system upgrade event, change risk is introduced and change management becomes a requirement.

This change management directly translates to report testing – confirmation that the report results remain consistent. Report testing has traditionally been a manual process which has lead to a struggle between the acceptable change risks and the cost of testing resources to reduce that risk. Without automation, either a risk-weighted or cost-weighted compromise must be made.

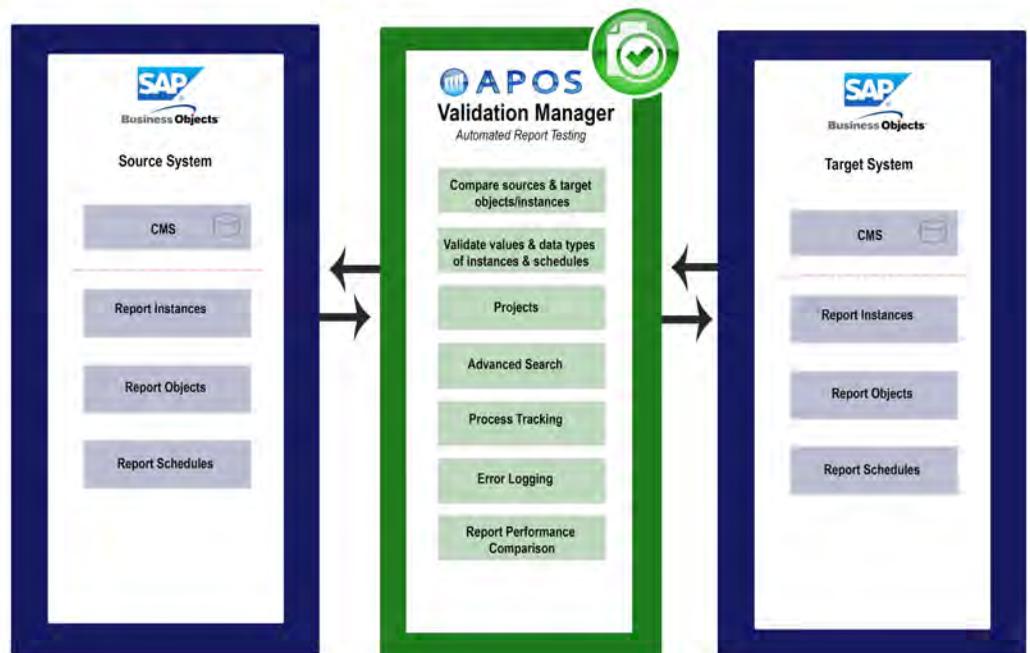
APOS Validation Manager automates the most time- and labor-intensive content validation processes required to ensure the smooth management and deployment of report and semantic layer changes, as well as transition between system versions and updates. Validation Manager automates these key aspects of report testing and change management:

- **Regression Testing:**
 - **BI Content Changes** - Ensure reports and semantic layer changes continue to produce consistent results.
 - **Platform Migrations & Upgrades** - Ensure reports developed in a source system produce consistent results in a target system.
- **Performance Testing** - Ensure report processing performance on a target system is equal to or better than on the source system.
- **Report Governance** - Ensure planned changes comply with change management objectives.

Automating report testing allows you to expand the scope of testing to a vastly greater set of reports without the need for additional resources. The depth of testing is transformed also, as the full report can be tested rather than just a small portion. All of this means reduced risk, and reduced cost. APOS Validation Manager drastically reduces the time and resources required to perform content validation.



Well Managed BI





APOS Validation Manager

Automated Testing for Reports, Instances & Schedules

Validate SAP BI Content Appearance, Function & Calculations

- **Compare source & target objects / instances**

Ensure that report objects and instances behave in the same manner pre- and post-implementation

- **Validate values & data types of instances & schedules**

Ensure that report instance and schedules appear and function in the same manner

- **Projects**

Create validation projects with defined report object inclusions for greater process control and reusability

- **Advanced search**

Use filter controls and targeted report object search to build highly tailored validation projects

- **Process tracking**

Track the status of each report object and instance during the validation process

- **Error logging**

Review and correct the causes of any validation process failures for individual objects and instances within a project

- **Report performance comparison**

Compare the run time for the source and target versions of a report to ensure consistent performance or isolate performance challenges

Two of the most time- and labor-consuming validation processes are:

1. Validating whether report instances function in the same manner. When you open the instance after deployment, it should produce the same results.
2. Validating that report objects run in the same way with the same parameters, producing the same results. Testing needs to demonstrate that calculations do not change from one report version to another.

The APOS Validation Manager automates these two validation processes, returning full scope results in a small fraction of the time it takes to perform partial scope processes manually.

While there are other facets of instances that organizations may test, it is these two that are the most time-consuming and labor-intensive. Because the Validation Manager handles the most labor-, time-, and cost-intensive activities, it allows you to enlarge your sampling of reports and instances while liberating resources to perform higher-ROI activities.

Formed in 1992, APOS Systems is a global provider of solutions which enable well managed business intelligence.

APOS solutions improve the return on your BI investment through enhanced BI platform management, providing: automated and simplified administration; detailed platform auditing and monitoring; robust archive, backup and restore capabilities; extended data connectivity; enhanced content publishing and distribution; detailed BI query awareness and controls; and targeted solutions to speed and streamline your platform migrations.

APOS solutions simplify, automate, complement and extend your BI platform management practices.

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