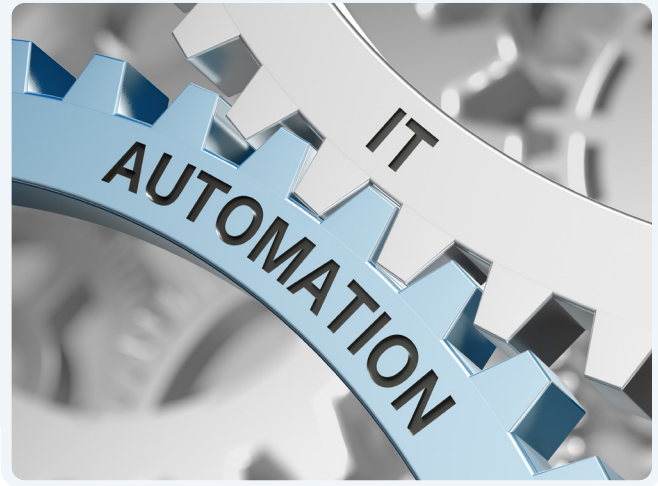# Empalis CONSULTING

Automation Support Suite

For efficient management of your system automation

The Automation Support Suite (ASS) provides a powerful, upgradable feature package to support the administrator in the automation of the mainframes (System z) and the applications runnig on them. It is based on NetView for z / OS and System Automation for z / OS (SA z / OS).

Challenges in the Administration of automation

- Centralization and mergers are leading to ever larger automation environments.
- As a result, the distribution of data such as automation policy, procedures and configuration files in the case of change processes becomes more and more complex, making it time-consuming, errorprone, poorly comprehensible and usually irreversible.
- Futhermore, the safety requirements for access to the administration functions increase as well as the demands on the availability of the systems and applications. However, due to cost pressure, lack of qualified personnel or lack of qualification offers, the automation team and their skills do not grow at the same rate as the tasks.

Our solution with the Automation Support Suite

- User interface for defining and executing synchronous and controlled distribution processes the data relevant for the automation to the relevant systems within the company (a process also includes the definition of actions that are performed in the course of data distribution).
- Support of various transfer methods for secure data transmission.
- Logging and versioning of the distributed data, so that distribution processes can also be reversed.
- User interface that defines role-based access rights and generates the required definition statements for NetView for z / OS or RACF.
- Support for modular development of automation procedures including a selection of prefabricated modules.

In addition to the solution itself, our offer includes installation, briefing and maintenance. Upon request, you can receive the support of our highly qualified automation experts.

Your benefit

- Improvement of the operational efficiency of the automation administrator by approx. 30 to 70 percent
- Increased satisfaction of the automation administrator
- More reliable, traceable change processes in the automation environment
- More efficient creation and maintenance of REXX procedures
- Support for the automation environment against attacks or unauthorized access to services and thus fulfillment of the company's security policies or external auditors

Perfection
through partnership.

The Automation Support Suite includes the following features:

1. Data Distribution Agent

The Data Distribution Agent handles the tasks of data distribution. In a complex automation environment, the various data such as automation policy, procedures, and configuration files can not be viewed and distributed independently. They have to be coordinated.

That's why the parts belonging to each other are managed in so-called packages. These packages, once defined, can be reassembled over and over again. It is also possible to manage different versions of one package.

The actual data distribution then takes place by selecting the desired version of a certain package and distributing it to one or more target systems.

Data distribution not only distributes the data using the desired transmission method, but also performs extensive actions to activate the new data on the target systems.

All actions are logged, so you are prepared for any possible checks.

2. Security Agent

With the help of the Security Agent, all security-relevant definitions can be stored centrally. With that the complexity is significantly reduced and the skill requirements of the administrator for NetView z / OS and SA z / OS are also reduced.

The definitions include the NetView operators and their profiles, the operator groups, the commands and access to resources. The connected parts can be easily selected via the user interface. All technical aspects are checked and errors are excluded during that process.

The data defined in this way can then be converted to the format used by NetView z / OS and the security product and then be distributed and activated in the productive environment with the help of the Data Distribution Agent.

It is also possible to import data from other sources or to export it for other processes. Many of the functions can also be triggered via batch jobs and thus integrated into workflows.

3. Development Helper Agent

In the Development Helper Agent, REXX procedures for different environments can be easily and intuitively created and modified. The reuse of already established and well-tested code sequences drastically reduces the effort, promotes structured programming and massively increases productivity. Any number of environments can be designed using both the IBM REXX Compiler and an integrated REXX Composer.

Do you have any questions oder would like to know more? We are happy to hear from you!

Rainer Schilling
Executive Partner
phone: +49 172 403 32 55
e-mail: rainer.schilling@empalis.com

Rainer Schilling