Asset Data Management for The Energy Sector

SAP Basis Services

The Basis

SAP Basis is the nuts and bolts of the ERP system that usually get overlooked in many aspects. The SAP Basis is the road and the vehicle for the ERP system. The road is the infrastructure made of hardware, software, middleware and relations between them. The vehicle is the applications that provide various features for users.

Keel can be a driver and the Road Builder for the ERP, giving you a comfortable ride towards the desired ERP system.

Virtual and Real

The landscape for modern ERP may be called the cloudscape due to the benefits of using the cloud as an environment for ERP to run. Nevertheless, it's necessary to have personnel that manages this environment, and in case of the SAP ERP, this is the ERP Basis administrator and specialist.

SAP Basis Specialist

Even though the specialist and the administrator are the left and right hands of the landscape maintenance, the specialist is the hand that puts a nail to the land before the administrator's nails the execution phase.

Keel has specialists that are familiar with SAP for more than a decade and we are gladly helping our clients to:

- Determine a network that needs to be set up beforehand;
- Collect the data to improve the network and system performance;
- Add users to the system and assign the permissions;
- Set up and assist the operation for the automated monitoring system;
- Assistance in decision-making regarding the upgrade of change of hardware, middleware or the ERP applications itself.

SAP Basis Administrator

If the specialist created the landscape the administrator plants seeds and cultivates the ERP system to harvest maximum benefits from the ERP system. The process of cultivating the ERP may take place in the cloud or physical instances and both cases are manageable by our specialists.

Like the Basis Specialist, the Basis Administrator has a broad range of responsibilities and takes actions that are aimed at creating or taking the ERP basis after the decisions are made.

Keel helps its customers to bring the ERP to life, and this includes but is not limited to the following actions:

- Creation and managing the instances and their relations (infrastructure);
- Installation and configuration of:
  - Operating system;
  - Database software;
  - Middleware;
  - ERP applications.

However, it's impossible to list all the actions that take place when an ERP is getting tuned up or set up so Keel will gladly answer all your ERP-related questions.
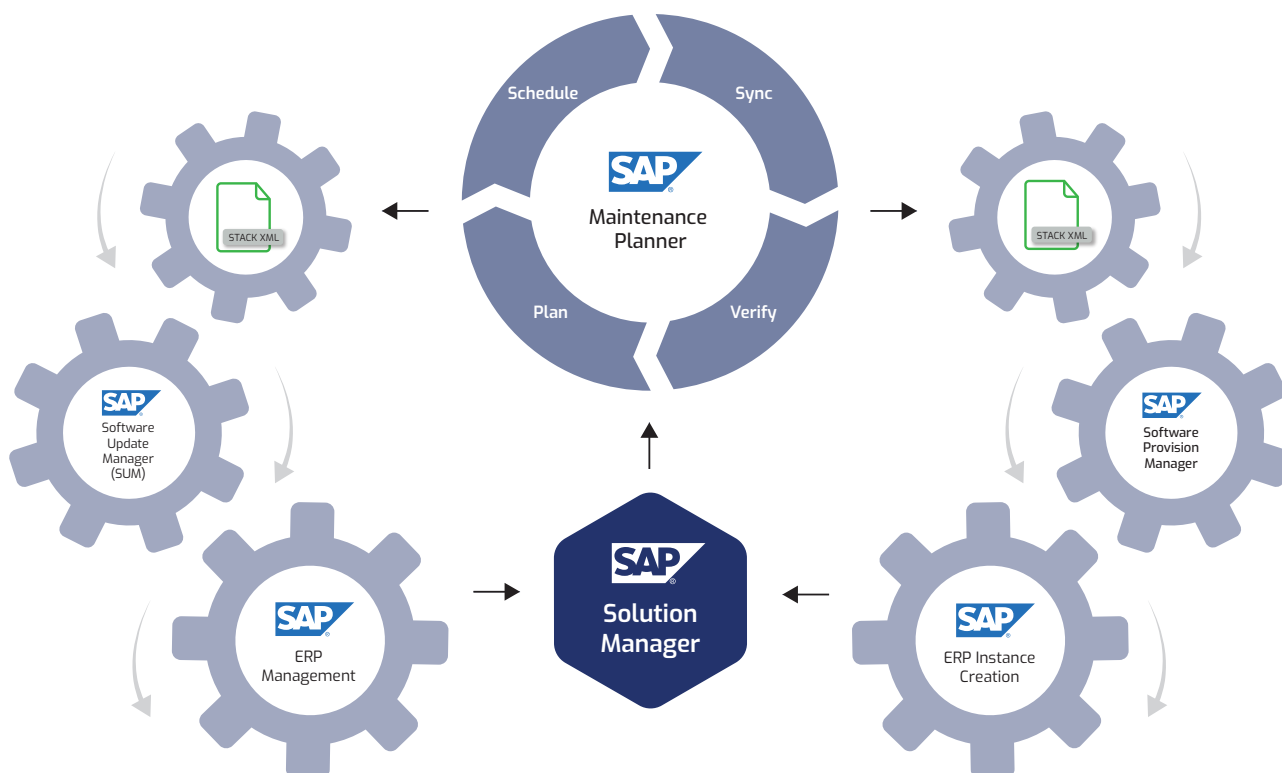
Basis Management Tools

To perform Basis operations for a given instance or its creation the SAP equips its customers with three main software tools: Solution Manager, Software Update Manager (SUM) and Maintenance Planner. Together these tools form a loop that makes the ERP landscape turn.

The main tool for landscape management is the SAP Maintenance Planner, that allows the creation of new instances or edits the existing ones.

The control of the existing SAP Instances Maintenance planer executes using the Software Update Manager (SUM) which executes the instructions.

The creation of new instances is done via Software Provision Manager, which also uses instruction file as an input for actions.

Meanwhile, the SAP Solution Manager serves as a kind of gauge that gathers all the data about the landscape and sends it to the Maintenance Planner closing the loop.

Cloud work

Keel specialists have mastered the SAP Basis to help our customers to extract the maximum benefits from the ERP usage.

Briefly summarizing SAP Basis services provided by Keel is that assistance can be divided into 3 categories:

- Software related:
  - Operation systems;
  - Middleware;
  - ERP components.

- Infrastructure:
  - Creation of instances in cloud and their maintenance .

- Users:
  - Creation and configuration of user rules;
  - Access and authentication.

For more info about our CMMS services, please contact:

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