



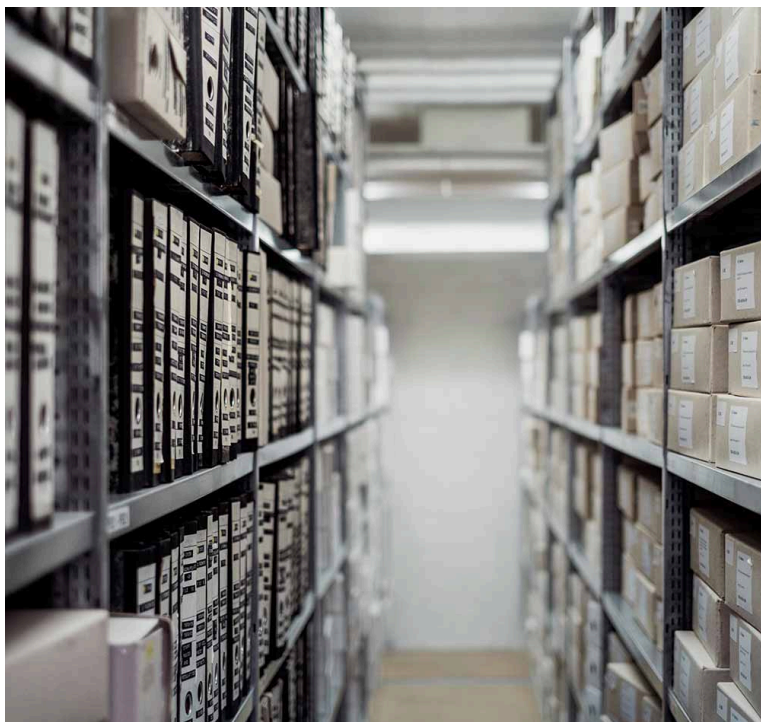
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Your situation

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documentation

Technical plant documentation / Technical installation documentation

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Akzeptieren

Ablehnen

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for the liability of planners,
rs. Thus, the documentation for
of them over an entire life cycle (from
planning to dismantling) has gained special importance.

The organization-proof, court-proof and legally compliant documentation is proof of all measures taken and carried out. The comprehensive and transparent history of changes to the plant must also be evident in the documentation and reflect the current state of the plant. The documentation of the current situation in the plant is also part of this well-organized documentation.

This documentation will serve you (the plant operator) as a source of all kinds of information.

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For example information about:

the technical structure and equipment of the plant

the operation and maintenance of the plant

the assessment of systems and components of the plant

the quality of the systems, subsystems and components of the plant

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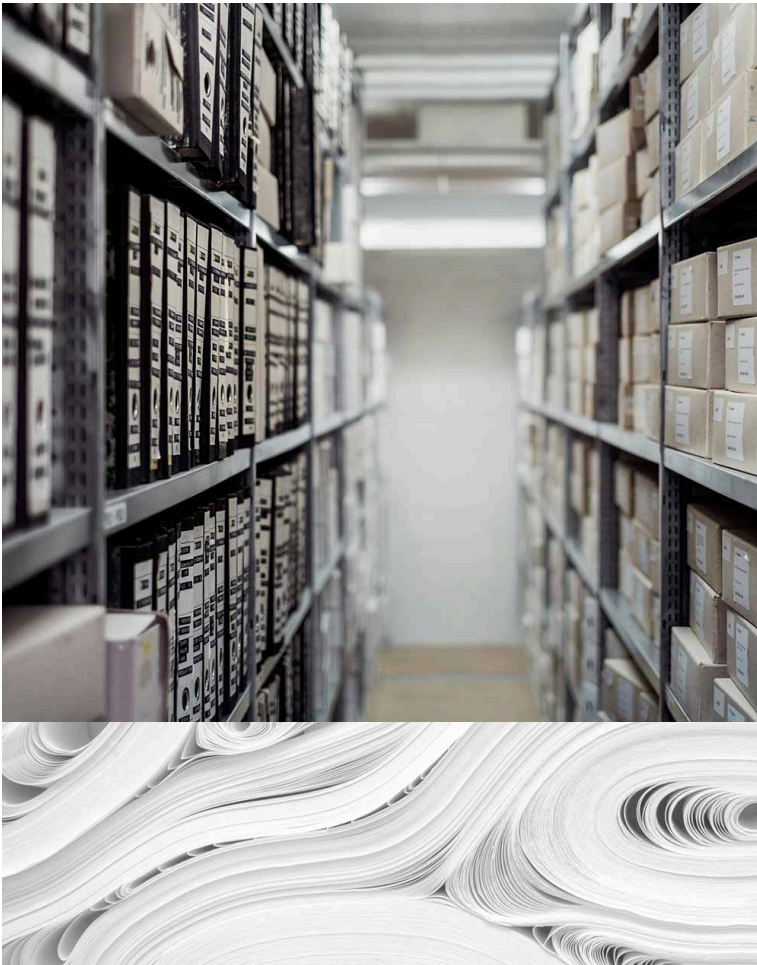
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Your situation: when can we help you?

If:

your documentation is not up to date with the current state of your plant,

your documentation has gaps in it,

the current state of the plant does not correspond to its documented state,

historical changes are not transparent,

plant components cannot be clearly assigned or identified,

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we will support you with our services surrounding technical plant documentation.

This also applies if you want to use plant data to handle your business processes:

to record disturbances and events,
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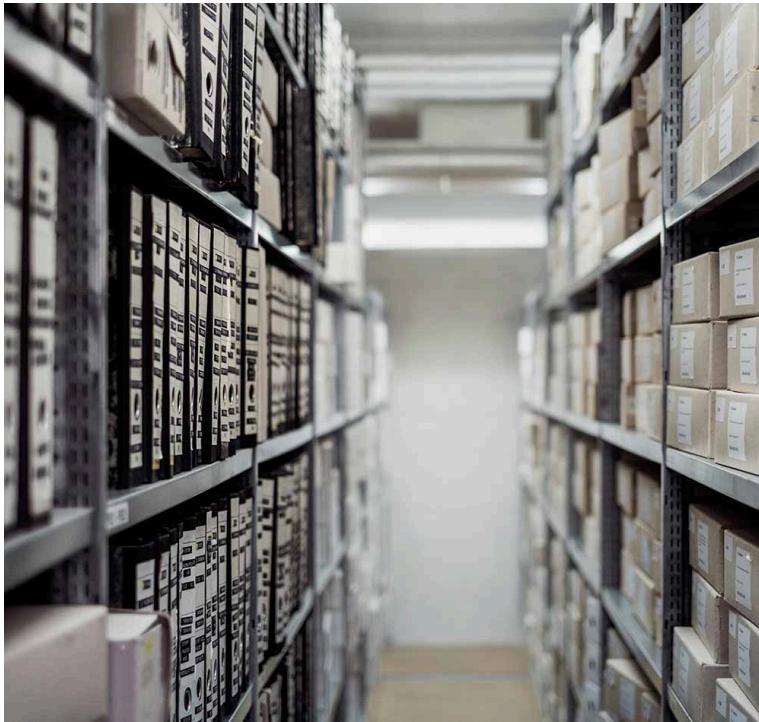
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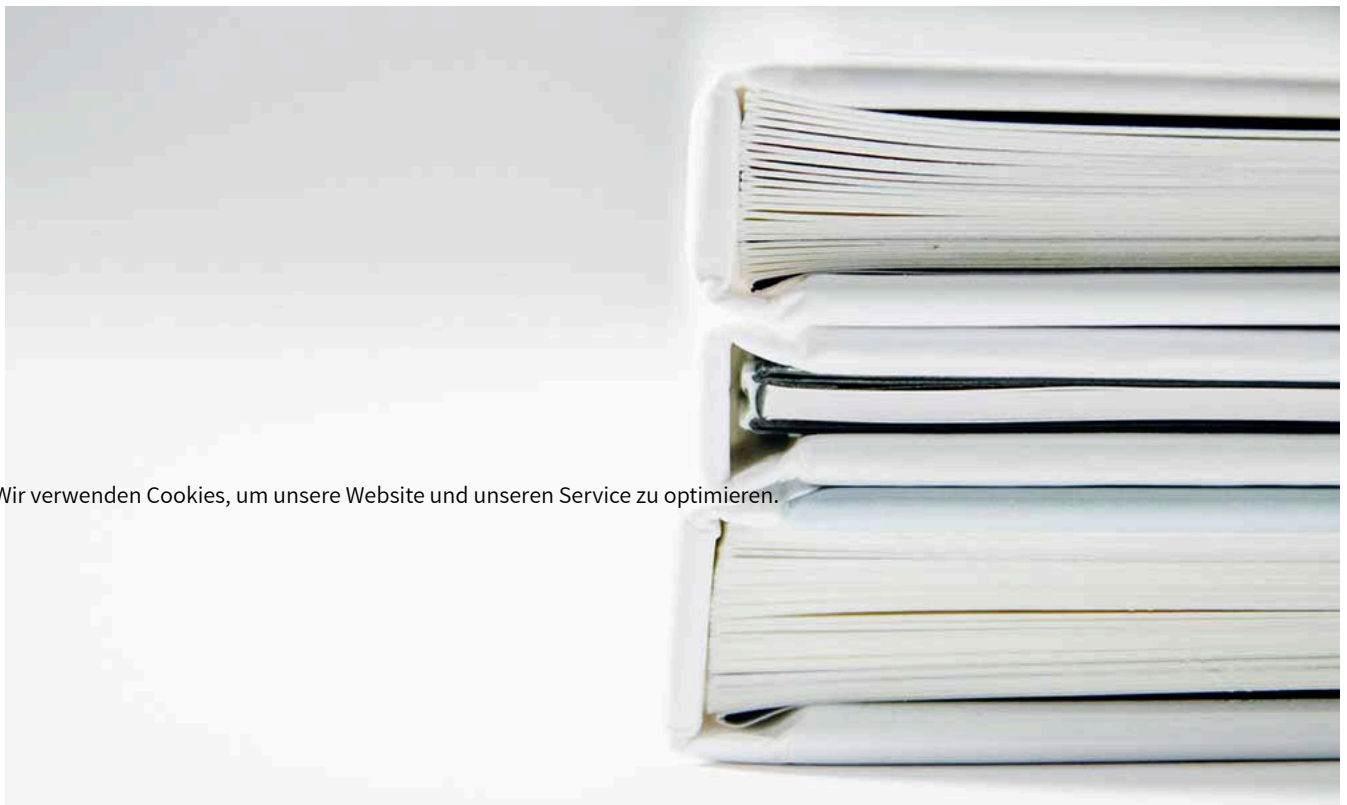
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management for the history of
 entation.

help you?



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In order to be able to carry out an optimization based on the status quo, we first have to analyze your existing documentation. After that we will assess and describe how it has been ordered in reality to the state of your plant.



In the next step, we will label all of your plant components and documents. We



nts to individual components.

ditional features are recorded
(group/en/software/).



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Your advantages – How can you benefit from our

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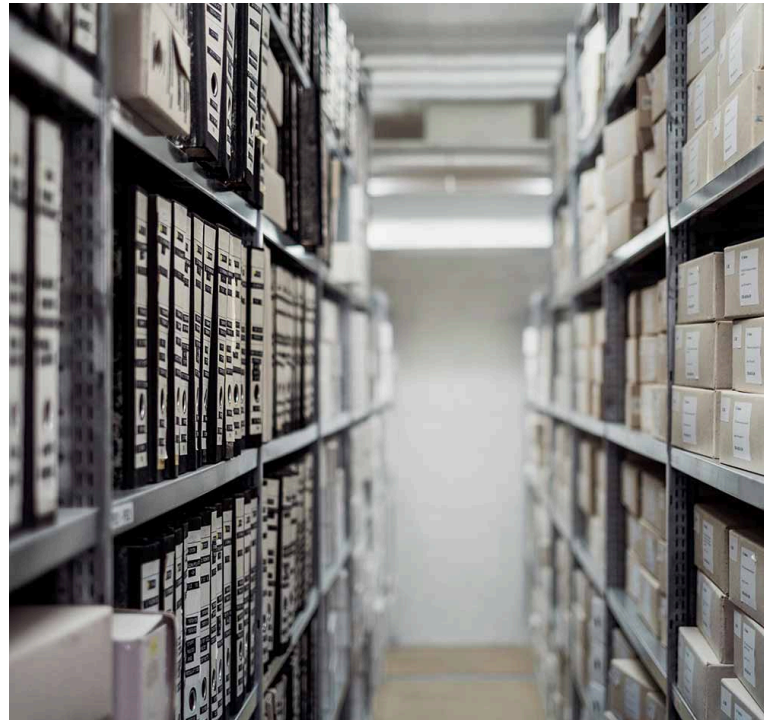
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work?

A comprehensive and organization-compliant as well as legally compliant technical plant documentation or technical installation documentation gives you the peace of mind that you are following the requirements of the legislator



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significantly and, in the event of a
records to help you exclude

of the Industrial Safety Ordinance.

cation

es and incidents

Clarity about defined ways of handling for all employees

Clear revisions and working standards

Continuous data management for power plants

At Menger Engineering GmbH we process data and documents for a continuous data management for power plants. In this data management, the electronic object relationships between the KKS

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(<https://menger.group/en/glossary/kks/>) and RDS-PP

(<https://menger.group/en/glossary/rds-pp/>) label as a central identification system and the necessary documents as well as the technical data (component data) are produced.

Our approach involves:

1. The preparation of plans (plant diagram) as a data source

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[enbwin-energie-baden-wuerttemberg/](https://menger.group/en/referenz/offshore-wind-park-off))

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2. The establishment of a central KKS database

3. Text classification

4. KKS as a „functional location” for SAP

5. The development of a structure with levels

6. Text assignment to the Identification System for Power Stations (KKS)

7. The assignment of technical documentation to the KKS – Identification



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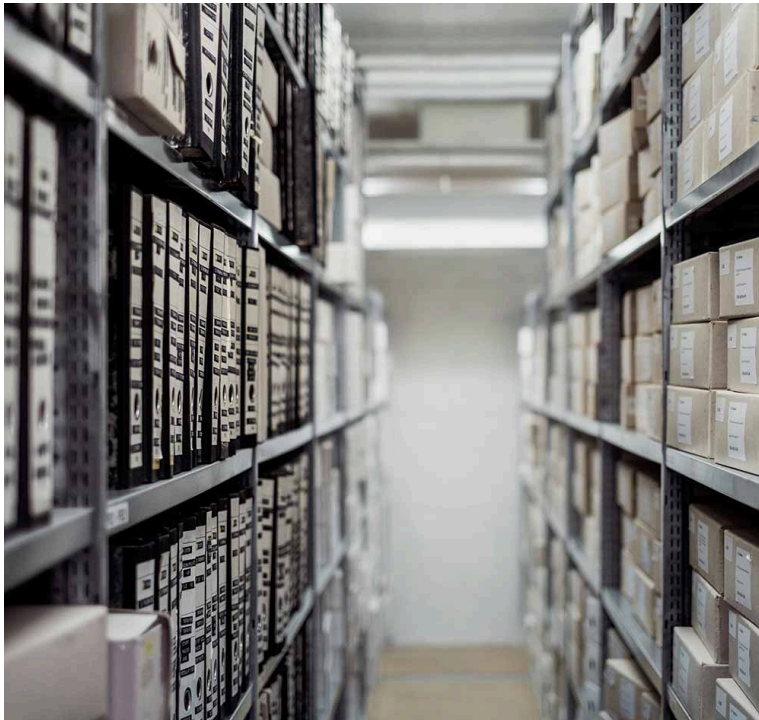
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ect, the approach is of course
case, we clarify the following topics

s?

ms

Text lists for components

Maintenance lists for systems, subsystems and components

2. How will this data be delivered?

Documents are usually delivered in paper form, as a PDF file and only in the best case as a CAD file. However, the quality of the delivery significantly influences the data management effort. The better the data is digitized, the lower the effort.

3. Which technical data are relevant for the operation?

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At this point we determine which technical data and which maintenance data are to be adopted for which types of components.

Advantages from savings as a result of a modern data management in your firm



By processing the various sources in modern data management, **access times to information are reduced**. In short: they are faster and work more cost-



ntation gives you **greater**
t: you can rely on your

conditions at any point in time. In
example with revisions.

facility you will improve

can affect your costs

Modern data management in an operational management or maintenance system can generate annual savings of up to EUR 100,000 per year. We calculated this in 2008 using the case of a waste incineration plant.

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Document management

Document management embodies the preparation of technical plant documentation / technical installation documentation in conjunction with a modern identification system.

The goal is to keep access times to documents as low as possible.

Why? Documents on industrial facilities and power plants contain essential information about the technical installation and should therefore be constantly accessible for the operating personnel.

The documentation includes various documents that need to be provided to operate, conduct maintenance work, service or dismantle an industrial facility or a power plant.

This includes the following documentation sections:

Test, verification and quality documentation

Technical operational documentation

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Plant documentation and maintenance documentation

The contents of the sections of the technical documentation are specified in the guideline R 171 of VGB PowerTech by information needs lists. These are specified within the framework for the fields of mechanical engineering, electrical engineering, control technology and construction engineering from the system /

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subsystem to the level of the operating material. Information needs lists / document needs lists comprise of the definitions of the individual document types for the respective systems, subsystems and equipment of a technical facility.



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Contact person



Uwe Menger

Managing director

Arrange appointment

(<https://cloud.menger.group/index.php/apps/appointments/pub/C%2BrskzslA%3D%3D/form>)

Wir verwenden das Online-Tools von Menger Web site (mailto:Service@uwe.menger.group)

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[.com/in/uwe-menger-aab308206](https://menger.group/en/referenz/offshore-wind-park-of-enbw-energie-baden-wuerttemberg/))

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Services

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Operational plant management and maintenance

Company

Career

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Software developer

Electrical engineer

Process engineer



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New glossary entries

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Circuit diagram

Flow diagram

Object Model

RDS-PP

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