



Axpo Hydro Digital – Workforce Services

eDoc® – Digital documentation in hydro plants

A solution to the challenges of day-to-day work

Hydropower plants consist of a large number of facilities and structures, and the associated technical documentation is commensurately comprehensive. Technical documentation is available in paper form or in electronic form.

As the largest operator of hydro power plants in Switzerland, Axpo is familiar with the associated practical challenges from its own experience, but also from discussions with other Swiss and foreign hydropower operators.



Power plant employees require access to technical documentation at all times and across the entire plant.



A “single source of truth,” i.e. a uniform, reliable, and up-to-date database for all technical documentation, is imperative.



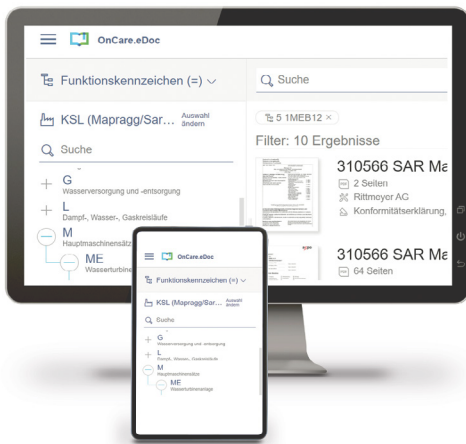
Reduces search and response times in plant operation.

With eDoc, power plant employees have up-to-date versions of the technical documents they need with them on their mobile device – any time, any place. Documents are displayed in a straightforward way that is specific to the relevant context.

eDoc – More efficiency in a technician's day-to-day work

Clever functions for smart working

eDoc offers an audit-proof, central document database (single source of truth) and provides technical documents both online and offline on mobile devices – even in parts of the plant with no network coverage. Context-dependent filters by location, plant, and component as well as QR/bar-code scanning ensure that the correct document is immediately assigned to the respective asset.



Circuit diagrams, checklists, and maintenance instructions are available on site, which speeds up troubleshooting and reduces downtime. The system is complemented by collaborative tools (notes, favorites, e-folders) and a simple function for sharing changes.

eDoc was developed by Axpo and Voith and combines many years of operator know-how with strong development expertise in digital hydro-power solutions.

eDoc

- analyzes documents and displays additional information
- structures documents based on text recognition and intelligent algorithms
- offers advanced search functionality
- visualizes documents on any device (smartphone, tablet, computer)
- enables document management for different plants and assets
- identifies plants via QR/barcode
- is available in online and offline mode
- allows users to create personal comments, favorites, search results, and e-folders
- supports a red correx function for sharing changes immediately



Want to find out more?

eDoc helps technicians carry out their day-to-day tasks quickly and efficiently.

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