



dokspace

cloud service,

project information,

hypertext collaboration environment



Web based infrastructure,
secure and controlled,
**for construction industry
and real estate projects:**

- # Reliable and seamless data transfer and storage (cloud service)
- # Efficient communication and sharing of all construction plans, blue prints, projects, text files, pictures and other documents
- # Platform for collaborative approach in real estate development

dokspace described in two paragraphs

- # dokspace is an on-line project collaboration and documents' repository and control system, designed for investors, project developers and controllers, construction companies, architecture and engineering firms, subcontractors of all types of construction projects. It provides efficient organization and control of all projects, optimises and standardises workflow.
- # dokspace provides seamless documentation, simplifies cooperation of all parties in construction projects, guarantees efficient information, project and risk management. It also saves time and reduces costs. Stores all data/information of a project, including blue prints, drawings, protocols, documents, e-mails and faxes, pictures, video, graphics...

About dokspace webservices GmbH

dokspace was founded in 2008 by construction industry experts and web-services developers who were looking for an information exchange solution for the building industry

dokspace solutions are based on the **factline community server** (FCS), a powerful and proven in practice web application for data exchange and communication

dokspace technology:

- o Developed in 1999 by factline GmbH (16-years track record)
- o Unique concept (linking instead of sending information) – cloud service
- o Reliable, secure and efficient environment for on-line collaboration
- o More than 400 platforms implemented at companies (**Constantia Industries AG, AVL-List, Magna Steyr**), universities (**University of Vienna, University of Graz**) and colleges, national and international research projects and public institutions (ministries and governmental institutions)

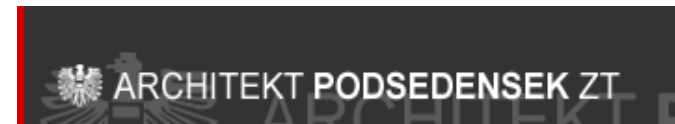


Key customers

Developers



Architects



Controllers



Projects & References

The image displays two overlapping screenshots of the dokspace website in a Mozilla Firefox browser window. The top-left screenshot shows the homepage at <http://www.dokspace.com/>. The page features the dokspace logo, contact information for the Vienna office, and a navigation menu with links to 'Startseite', 'Was bietet dokspace', 'Vorteile', 'Leistung', 'Über uns', 'Referenzen', and 'Kontakt'. The main content area highlights the 'dokspace Bauplattform' as 'Die Lösung für Ihr Bauprojekt', explaining its benefits for communication and coordination in construction projects. The bottom of the page includes a search bar with 'admin' entered and navigation controls.

The top-right screenshot shows the 'Referenzen' (References) page at <http://www.dokspace.com/referenzen/>. It lists several project references:

- RIVERGATE**: A 50,000 m² office building on the Danube, completed in summer 2010. dokspace was used as an online platform for collaboration.
- VZ13**: A building renovation project in Vienna's inner city, completed in 2012. dokspace was used for data management and documentation.
- Hochholzerhof, Wien**: A high-quality office building renovation in Vienna's inner city.
- Am Hof 2, Wien**: A former bank building converted into a hotel, completed in summer 2008.
- Top-Luxus Hotel in Wien**: A planned luxury hotel project in Vienna, currently under international tender.

Each reference includes a small image of the building and a brief description of the project and dokspace's role. The bottom of the screenshot shows the same search bar and navigation controls as the homepage.

Website:
www.dokspace.com

Main features of the dokspace system (1)

1. Every individual data file - project plans, blue prints, protocols, e-mail exchanges, written or visual documentation of defects, pictures or online-text – is described as a "**fact**"
2. **Fact** is a distinct and referable information object - by its **fact ID** (unique identification number) it assures that all people involved in data exchange refer to the same object
3. Every **fact** has an internet address (URL) and can be linked to (the file is not sent, only the link is e-mailed or send by SMS)
4. **Facts** can be assigned to one or more categories (topic, project, approval status, document type)

Main features of the dokspace system (2)

5. The system can be configured in a way preventing **facts** (any of the loaded documents) from being deleted (**Guarantee of Existence - GoE**)
6. When a **fact** (a document) has been edited or revised, every new version is layered on top of the original. The initial version of the document stays in its original form. Links to it can refer to the most current, to a specified version or to the original
7. Access to **facts** (plans, pictures, invoices, text documents, blue prints) can be sent via e-mail with a hyperlink
8. Access to **facts** and the right to edit **facts** is managed by the permissioning (UN/PW) or by default settings

The properties of a fact

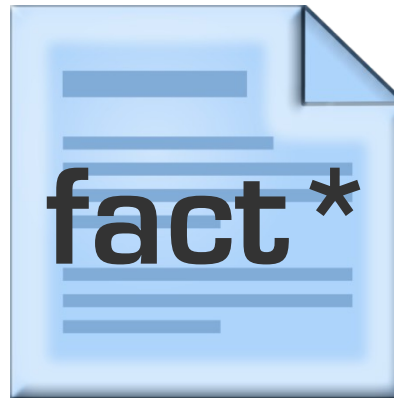
... **never change**. Everything loaded on dokspace is archived and protected by back-up systems. **We call this functionality (re)liability**

It can be any kind of data file (text, picture, drawing, e-mail...)

It can be altered (edited, modified)

It can be assigned to more than one folder

Access to it can be limited for individual users or groups



It can be commented on

It has an unique internet address (URL)

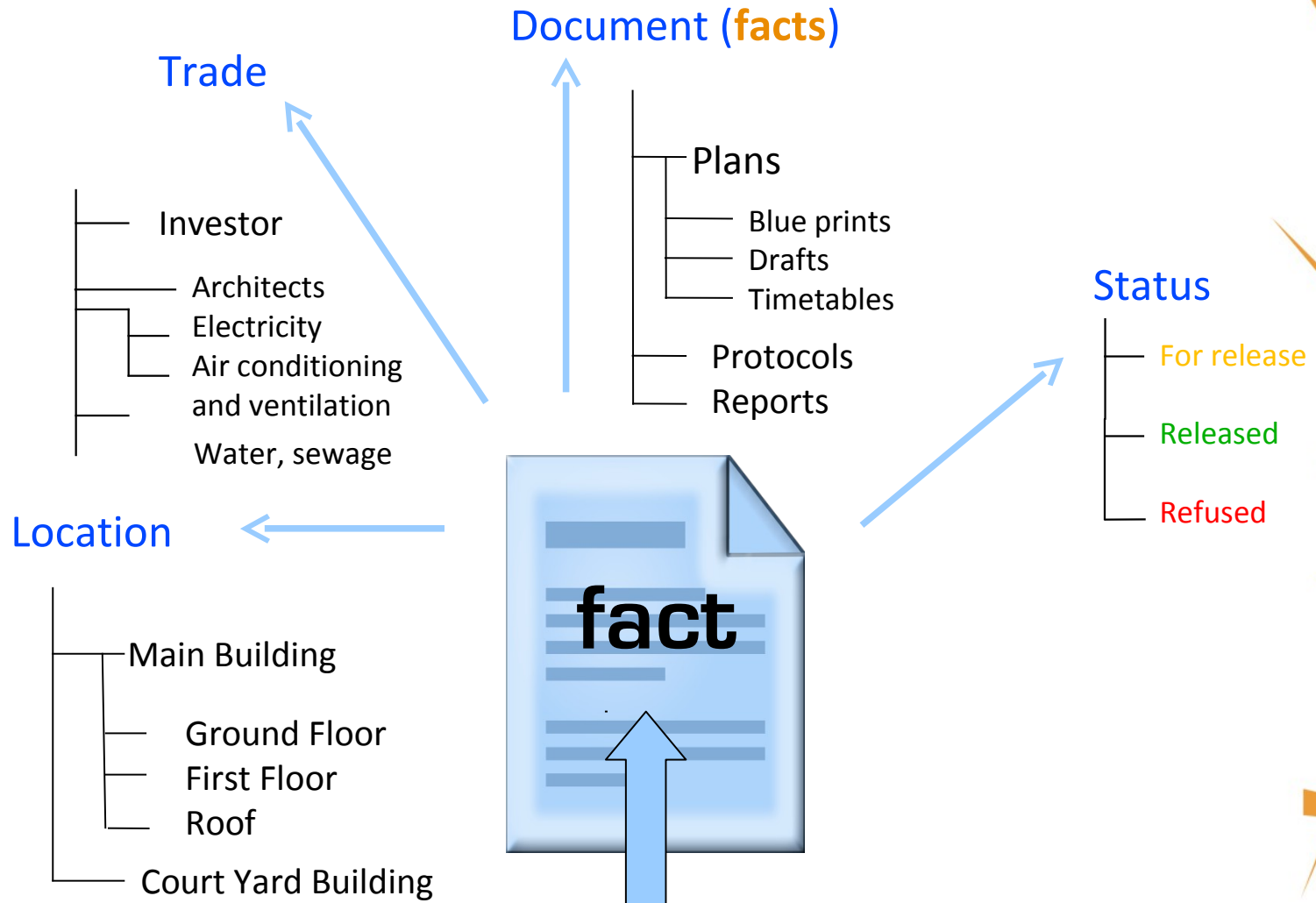
It can be sent to individual users and groups

There is temporary read/write access to it for external users

Every change and the access is documented

* plans, protocols, scripts, pictures, directories, tenders, invoices, RFPs, presentations, blue prints - documents in all established file formats

Example for multiple assignment of a fact



Functionalities of dokspace platform (1)


1. All project-related information (**facts**) has a specific, well defined and secure position on the platform (cloud based)
2. Internal and external users have quick and reliable access to the information they need via „send-to“ function or automated e-mail notification
3. Every **fact** can still be edited even after being sent. This is ensured by the functionality of sending links to facts, not the facts themselves
4. Posting and delivery of **facts** as well as any editing/changing of files/documentated is recorded and can be easily reviewed. It is not necessary anymore to check whether a recipient received or accessed a document

Functionalities of dokspace platform (2)


5. Full personalisation and customisation - for every client dokspace offers specific configuration (classification & authorisations) of **facts** (data)
6. Users can organise their own files and folders
7. Easy and quick search for all files is ensured by an intelligent filtering system
8. Every **fact** displays information (hidden or visible) about who, when and what has been read, edited or commented
9. For different projects and different requirements dokspace offers customised platforms (investor, contractor, construction firms, civil engineering, architects, management) that can be modified on an ongoing basis reflecting the changing needs of the users



Functionalities of dokspace platform (3)

- 10.** “Management cockpits” can coordinate simultaneously all activities on several platforms
 - 11.** Multilingual interfaces and abilities to add new languages on demand
 - 12.** Security of the platform and protection of archived data are guaranteed by secure servers and a multilayered back-up system (customised in accordance with the client’s requirements)
 - 13.** Dokspace platform offers hypertext collaboration environment accessed via all digital devices for secure sharing and storage of all file types (**facts**)
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Technical options

1. Rental contract with dokspace or installation of own dedicated server
 - a) Client rents one or more platforms on dokspace infrastructure (cloud)
 - b) Client buys own server and dokspace builds on it the platform
 2. Platform-installation on client's server, administration and update/upgrade management can be a dokspace responsibility
 3. Dokspace also provides updates and patches for self-installation by the client
 4. Platform-installation on web server of a hosting provider is also handled by dokspace
 5. A variety of platforms (**clone basis**) can be used for different projects
 6. Central portal can be implemented to supervise a multitude of projects
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Personalization and customization

1. Joint analysis (1) between the customer and dokspace of recent projects lead to creation of file structure for the new platform
2. Dokspace presents a suitable and tailor made solution (2) including permission settings (controlled access)
3. The collaborative efforts of (1) & (2) lead to the development of the individual classification for the new platform (3)
4. The classification (3) is transferred to a platform – the “clone base” (4) from which it can be copied for new projects
5. Based on the clone base (4) specific projects (building platforms with unique URLs) are created (5)
6. In case of multiple projects dokspace can create a portal (6) with “cockpit function”. With its aid all activities on all platforms can be monitored and coordinated



Key facts of dokspace platforms (1)

- 1.** Dokspace offers “off the shelf” platforms, developed by experts from the IT and construction industries, with a 16-year proven track record of daily use. These ready for use platforms can be deployed immediately and later customized solution based on the users’ experience
- 2.** The customer’s own file structure (classification) can be applied on a dokspace platform
- 3.** Many clients start using a small dokspace platform (provided with a rental contract) and then upgrade to a customised solution
- 4.** Existing content, as well as future new projects can be transferred easily on client’s own server



Key facts of dokspace platforms (2)

5. Based on the core principles of the **factline community server** framework customised solutions can be developed for each client. The exclusive development partner of dokspace – factline webservices GmbH – owns all rights for the software

6. A server-to-server export of existing platforms or burning all data on DVD is quick and easy

7. Provided the initial configuration is done correctly (in particular the authorisation settings), a platform can serve as a static or dynamic (editable) documentation

8. **Factualisation** - a fact in dokspace is not only a document. It is a **referable information object** that has more value than an ordinary file

Executive Summary

- # Dokspace is a specialised provider of **online-based** data platforms for construction industry
- # **Sharing, distributing and archiving** of documents (data) in all formats
- # **Simplifying and speeding up collaboration** between project management, partners and contractors
- # **Mobile** – available anywhere at anytime
- # Enables project-related work via **secure** and **reliable** central **platform**
- # Individual **permissioning** system for all project partners
- # Enables centralised **oversight** and **control**
- # Fully automated **archiving** of project documentation for all activities
- # Automated **control and display** of all versions of all documents
- # Easy to implement and intuitive to use – high client satisfaction
- # Fast **deployment** and full **customisation** for individual projects
- # The only requirement: **internet** access and web **browser**



Thank you for the seeing this presentation. We would like to receive your feedback

Dokspace can help you save time, efforts and cost and dramatically improve productivity

dok space

dokspace webservices GmbH

Praterstrasse 15/3/22

1120 Wien

tel: +43 720 518 422

web: www.dokspace.com