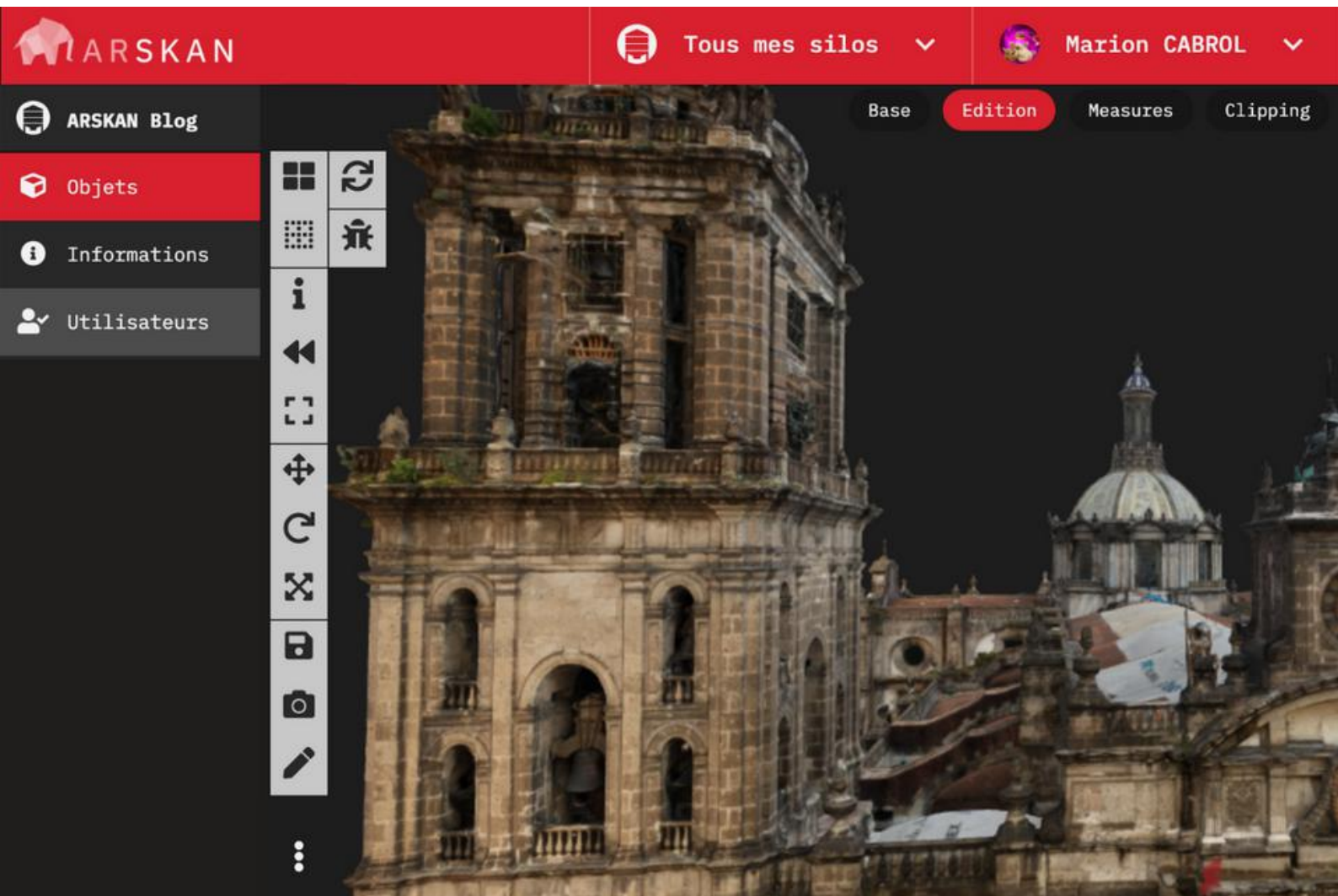


ARSKAN SiloData

PRODUCT SHEET

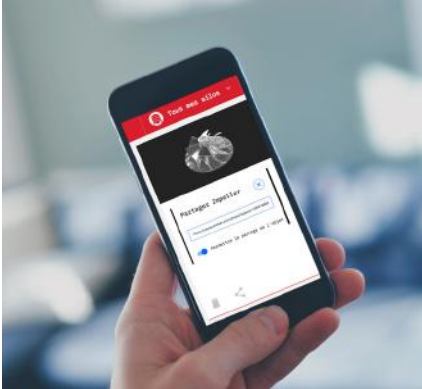


The ARSKAN SiloData professional platform is a complete set of technological solutions for visualization, management and sharing 3D data on the web, on the go.

ARSKAN SiloData is accessible on the web from any terminal, without constraint. It includes two technological solutions: a universal viewer (ARSKAN MoveInside) and a progressive codec (ARSKAN Codec).

ARSKAN SiloData features

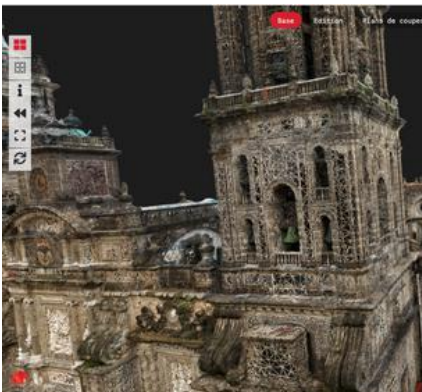
Simplicity



ARSKAN SiloData is a private and secure platform that allows you to visualize, use and share your 3D models on the web.

- available in SaaS mode and through a web API.
- 3D on the go: ARSKAN SiloData is accessible on the web from PC, smartphone and tablet.
- ergonomic, easy to use and easy to handle.

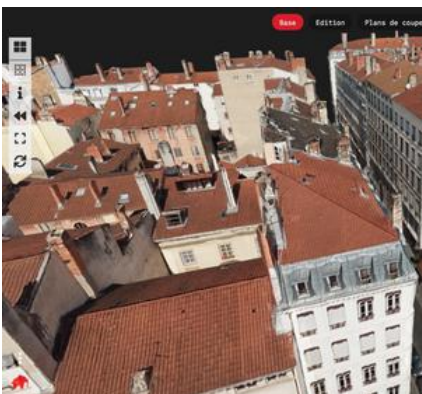
3D on the web, in real time



ARSKAN displays your 3D meshes, with no external server, bandwidth, or storage constraints.

- management of large volumes of 3D data.
- optimized loading time.
- optimized 3D display for any configuration.
- lossless (excluding initial quantization): resolution, precision, and complexity preserved.
- intuitive and fluid handling.

Processed data



→ conservation of the complexity of your mesh: work on your models, even large ones, thanks to the Arskan Codec technology (lossless compression, see AKN CDC V1-OCT-20 product sheet).

→ we convert your models (.OBJ, .GLTF) into an ultra-high performance proprietary format (.p3dw).

→ connect your 2D data and your data from IoT, AI, to generate a digital twin.



ARSKAN SiloData's tools



→ Control, monitor and manage access to 3D projects.

→ Storage of 3D objects.

→ Silo management.

→ **Annotation tool:**

insertion of text, image, hyperlinks, etc.

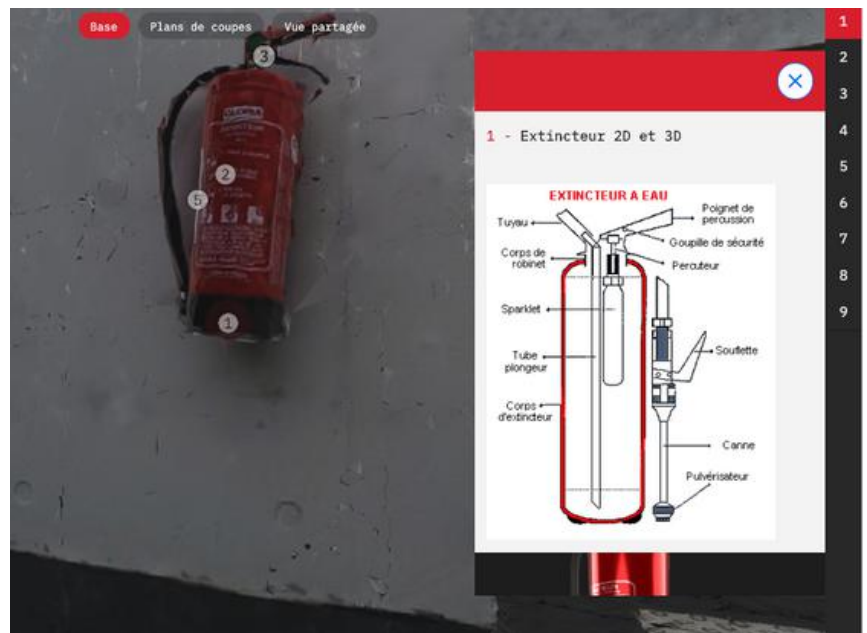
Activate, deactivate your interactive pointers.

→ **Real-time shared visualization**

Give access to your 3D object to another user in a collaborative and secure way.

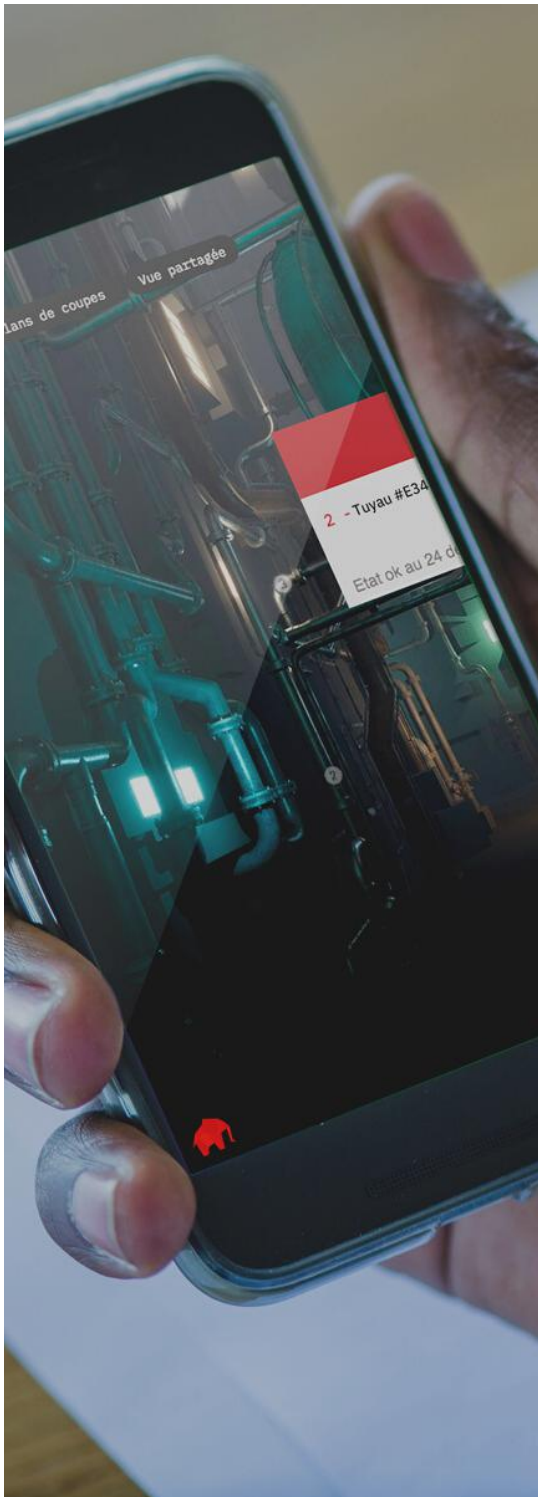
→ **Cutting tool** for the realization of plans and multiple sections.

→ Measurement tools.



ARSKAN SiloData

ARSKAN SiloData is available in SaaS mode and through a web API.



Technological specifications

Browsers using WebGL 2 technology:

- Chromium kernel browsers (Chrome, Opera, Microsoft Edge, etc.)
- Firefox and mobile equivalents
- Safari

Accepted formats : .OBJ, .OBJ zipped, .GLTF

Web API

API Features

- **compress 3D meshes**
- manage 3D objects
- visualize 3D models
- manage your account and related information

Technical specifications

- Secure REST API
- JWT token authentication
- Self-documented API

How to get started?

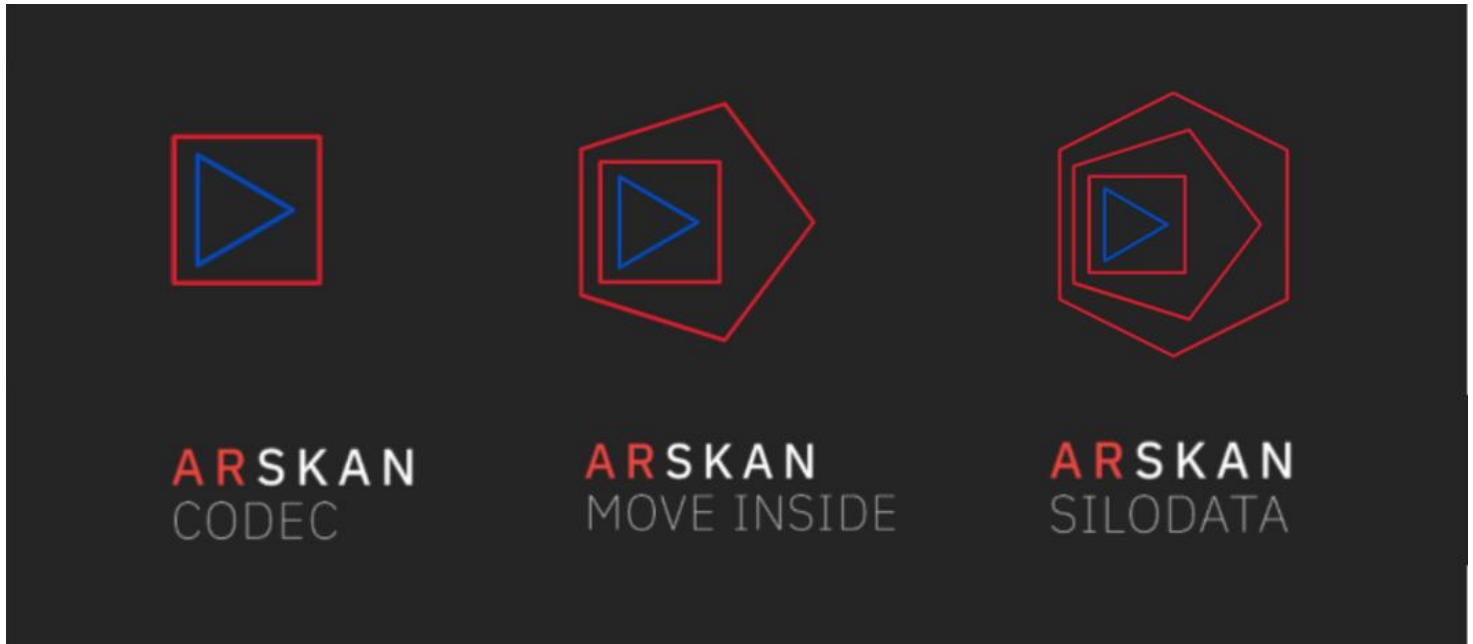
Go to silodata.arskan.com and create an account. Go to the "information" menu of your silo, and generate your token.

[Presentation of the others ARSKAN solutions](#)



Presentation of the others ARSKAN solutions

ARSKAN is a provider of technological solutions for the visualization, management and sharing of massive 3D data on the web, on the go.



ARSKAN Codec

ARSKAN Codec is a patented technology that reduces the size of massive 3D meshes without loss of information.

This technological brick allows progressive compression and decompression of the mesh at any level of detail to ensure smooth visualization from any terminal.

For more information: refer to the detailed ARSKAN Codec product sheet (ref. AKN CDC V1-OCT-20).

ARSKAN MoveInside

From our universal and plugin-free viewer, you can easily visualize, manipulate and share your large 3D objects on the web, from a computer, tablet or smartphone, no matter how large your data is, without constraints. Our viewer integrates ARSKAN Codec.

For more information: refer to the detailed ARSKAN MoveInside product sheet (ref. AKN VWR V1-OCT-20).

