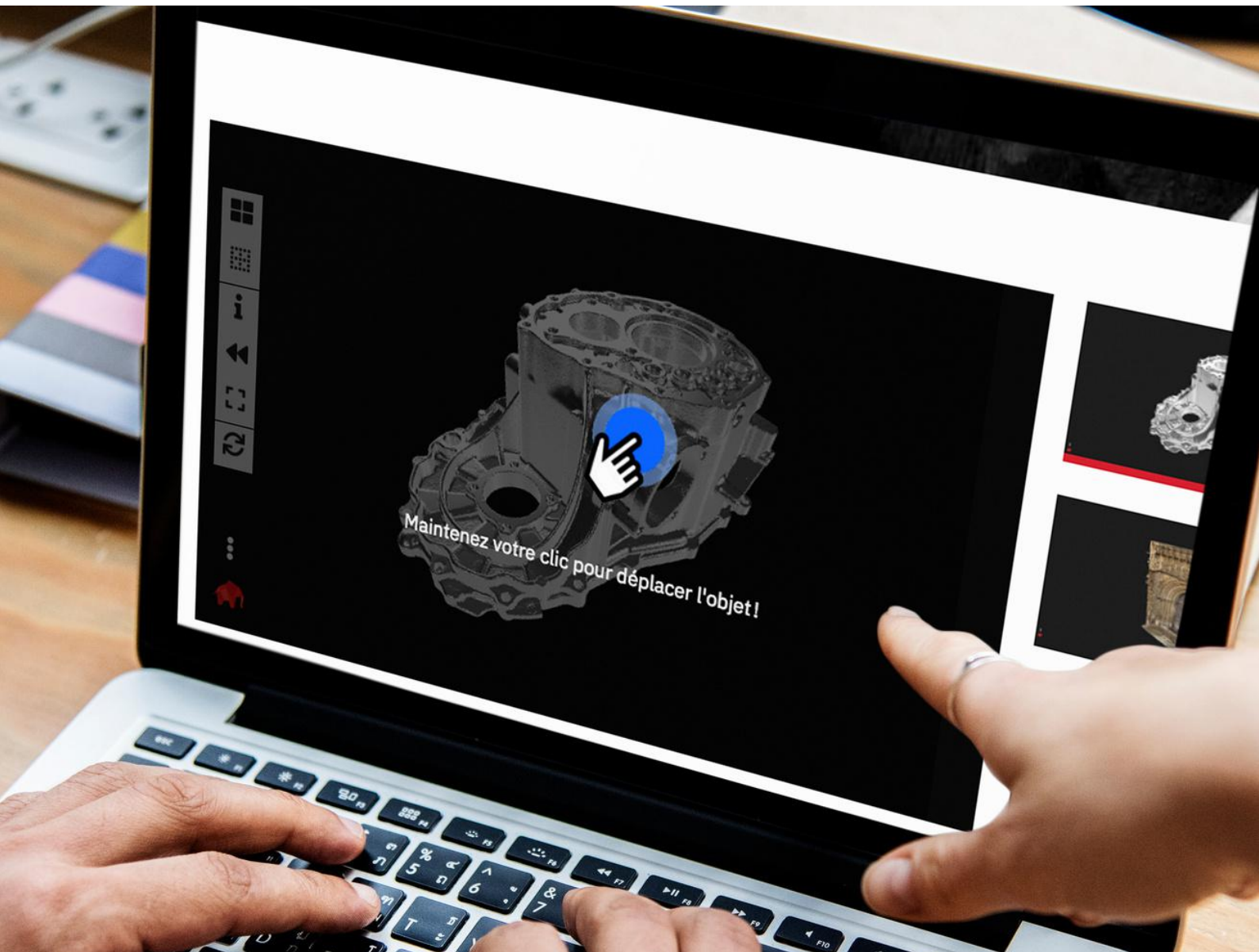


# ARSKAN MoveInside

## PRODUCT SHEET



ARSKAN MoveInside is a plugin-free universal viewer that allows users to visualize, manipulate and share massive 3D files on the web, on the go, without the constraint of storage, external server and bandwidth.

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

# Features of ARSKAN MoveInside

## Simplicity

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ARSKAN MoveInside is a universal, plugin-free, web-based viewer. Visualize your 3D files (.OBJ, .OBJ zipped, .GLTF.), even massive ones, from any type of terminal.

- no software or plugin required.
- accessible from the web on PC, smartphone, tablet.
- easy integration into your web page.

## Processed data

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

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

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

## Keep the details

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The MoveInside viewer embeds a progressive codec. ARSKAN Codec is an innovative and patented technological solution, which reduces the weight of your meshes.

→ lossless (except for initial quantification): resolution, precision and complexity are preserved.

→ 3D display optimization for any configuration.



# ARSKAN MoveInside's tools



→ **Annotation tool**

Insertion of text, image, hyperlinks, etc.

Activate, deactivate your interactive pointers

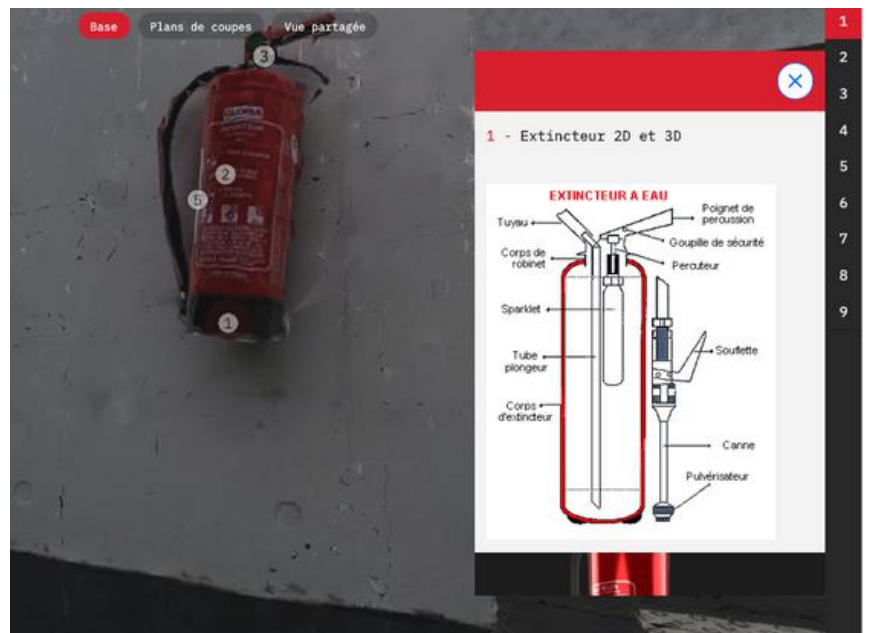
→ **Real-time shared visualization**

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.

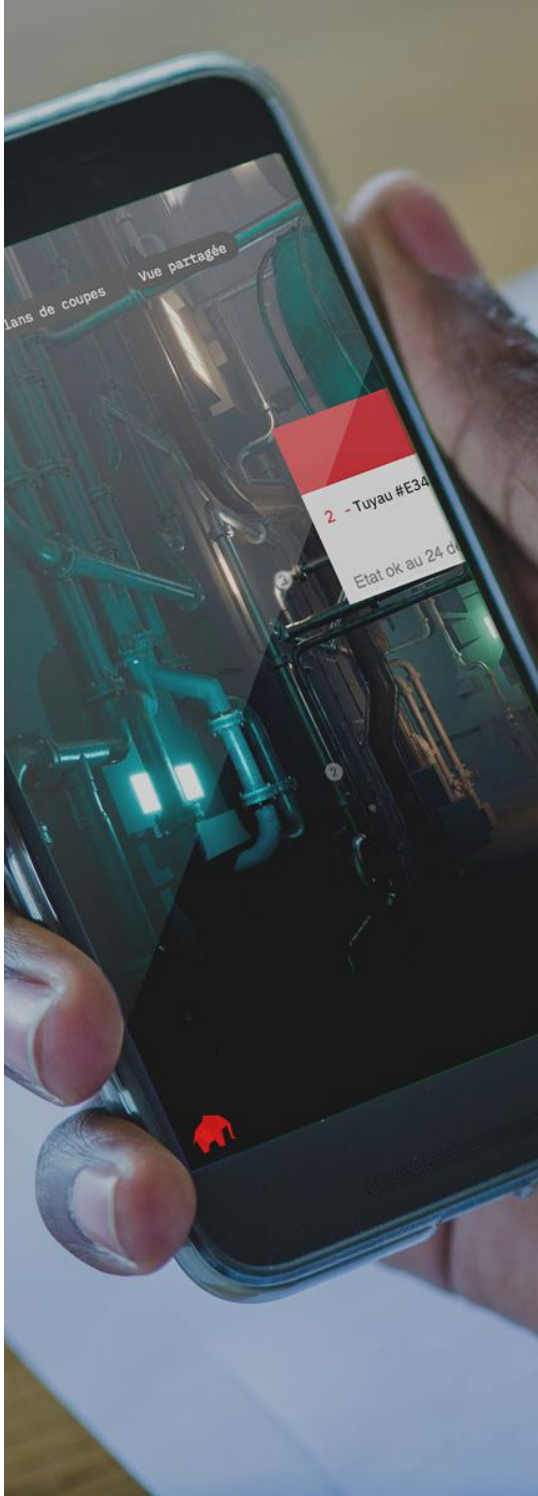
→ Measurement tools.

→ Rotation and translation tools.



# ARSKAN MoveInside solution accessibility

The ARSKAN MoveInside viewer is available from the ARSKAN SiloData platform.  
The ARSKAN SiloData platform is accessible in SaaS mode and via 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

### 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

ARSKAN MoveInside is accessible from the ARSKAN SiloData platform in SaaS mode or via a web API.

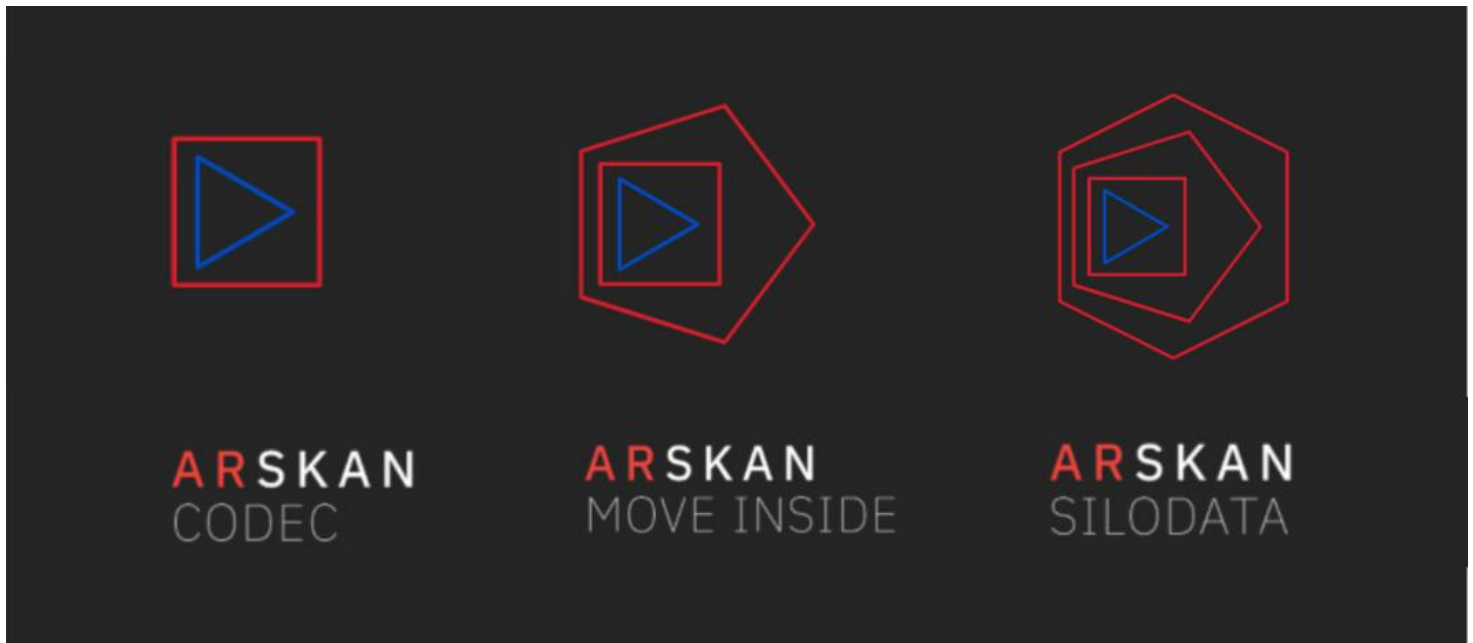
Please, refer to the ARSKAN SiloData product sheet (ref. AKN PTF V1-OCT-20).

[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 SiloData

The ARSKAN SiloData professional platform is a complete set of technological solutions for visualization, management and sharing of 3D model from any device, on the web, on the go, without constraints.

ARSKAN SiloData integrates two technological solutions: a viewer (MoveInside) and a compressor (Codec). For more information: refer to the detailed ARSKAN SiloData product sheet (ref. AKN PTF V1-OCT-20).

## 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).

