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## Partners



[www.vrvis.at](http://www.vrvis.at)  
[www.arches-project.eu](http://www.arches-project.eu)



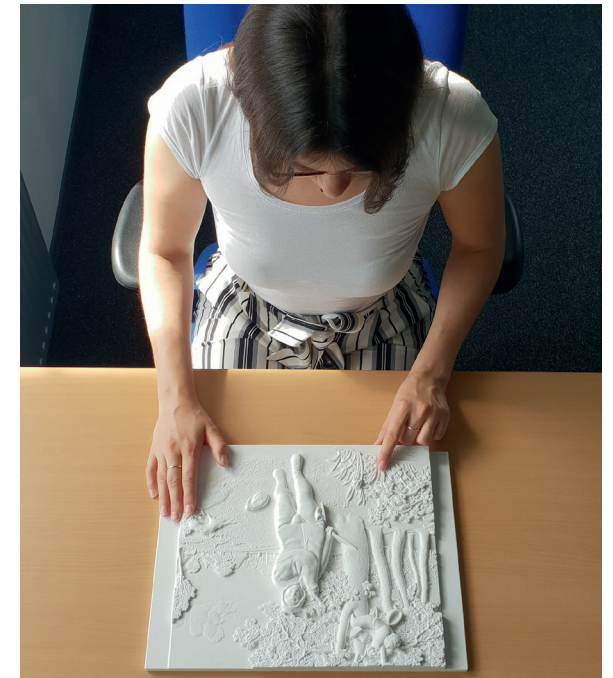
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## Tactile Reliefs & Multimedia Guides for Museum Objects

Tactile reliefs help make museums and cultural heritage more accessible by adding a new layer of dimension to 2D paintings and other works of art.

The Tactile Multimedia Guide for Museum Objects offers a framework that further enhances the experience by providing on-relief gesture recognition, an audio guide, colour projection and additional on-screen information.



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## Tactile Reliefs

For over 10 years, a research group at VRVis has been working on providing better access to artworks and other objects that are part of our cultural heritage to all people by the means of technology. We help museums to become really barrier-free through inclusive digitalization: By creating digital relief models of the museum objects from either 3D scans or photographs of the original and custom-building tactile reliefs from paintings and other pieces of art. These tactile reliefs complement the experience of the original artwork and add another dimension from which all visitors can benefit; but most of all visitors with various visual and cognitive impairments.

Throughout the production of each tactile relief we regularly consult with the respective museum. We also encourage to include organizations, who are concerned with the access needs of various groups, in the process. Prices on request.

## References

We custom-made over 30 tactile reliefs for over 15 museums throughout Europe, such as the Belvedere, Kunsthistorisches Museum Wien or the Victoria & Albert Museum in London.



↑ Tactile relief of "Der Vogeldieb" custom-built for Kunsthistorisches Museum Wien.



↑ The tactile relief of Emperor Frederick III's tombstone slab is on exhibition at the Niederösterreichische Landesausstellung 2019.

## Multimedia Guide for Tactile Reliefs

The Tactile Multimedia Guide for Museum Objects offers a framework for our tactile reliefs that further enriches the experience and makes the objects and additional information accessible for everybody.

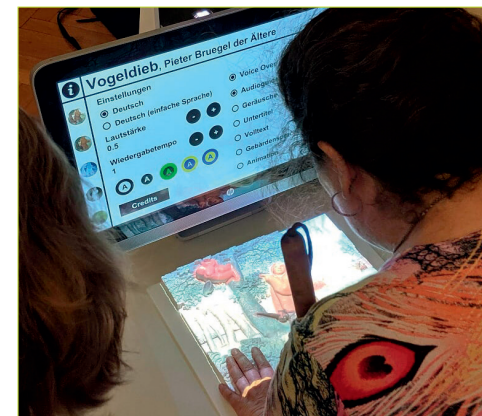
### One system for all:

- 2.5 D tactile relief
- sign language videos
- easy read texts
- various on-relief projections
- animations to help guide user attention
- access settings menu for personal access preferences

### A highly customizable setup:

- adjustable speech volume and speed
- various foreground/background colour combinations for optimal contrast
- any combination of audio, subtitles, full text and sign language
- optional sounds and animations
- input via gestures on the relief, touch screen, and special screen-reader mode
- presets can be stored and re-selected with QR Code cards

Caters to individual needs and enhances the experience for all museum visitors.



↑ The Tactile Multimedia Guide in use.

