MuseumSys®

MuseumSys

A versatile, integrated software created to edit, control and display the contents of temporary or permanent exhibitions, commercial information displays and different kinds of touristic applications.

EDUCATE, INFORM, ENTERTAIN

Get our software to create interactive digital content: we are part of the best exhibitions.

Information technology plays an increasingly important role with museums, providing essential services for both museum experts and the audience.

Modern society, especially younger generations pose special challenges museums must face, which can be easily managed by a well thought out, adaptable and properly implemented information technology system.

The MuseumSys® system includes a software-based content editor interface, a controlling unit, as well as the implementation of physical devices if so required.

INTEGRATED SYSTEM

Software

Managing both digital content and physical equipment

Hardware

installed by our experts corresponding to the customer’s individual needs

Cloud management

stable and secure support of the entire system

SERVICES I.

Easy transition

Can be prepared 100% in advance; and installed without interrupting the exhibition

Flexible

Modular, versatile system for versatile users

Intuitive

Easy to use, clear-cut and embraceable editor interface

Remote control

Control and monitor devices from your phone or tablet

Adaptable

We provide consols and templates styled for the content and setting

Full service

We constuct the full infrastructure and bring custom ideas to life

SERVICES II.

Automated

Launching and shutting down is controlled on the online interface, either automatic or by hand

Interactive

Touchscreens, augmented reality and audio guide for your visitors’ experience

Creative

creators of your exhibition can integrate modern and special elements to spice up the show

Original

Provides remarkable and lasting experience for all your visitors

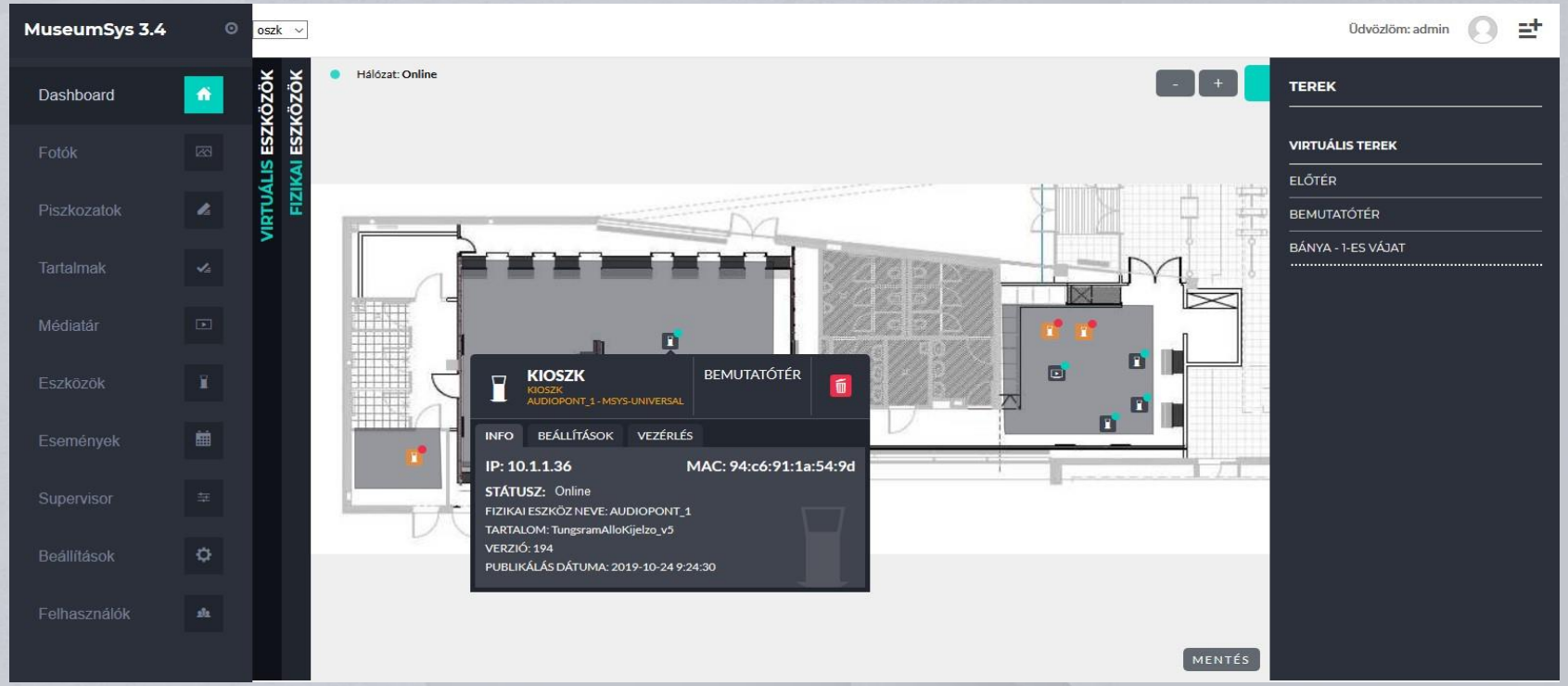
Customizeable

We offer a wide range of solutions for unique needs in graphical approaches and special controls

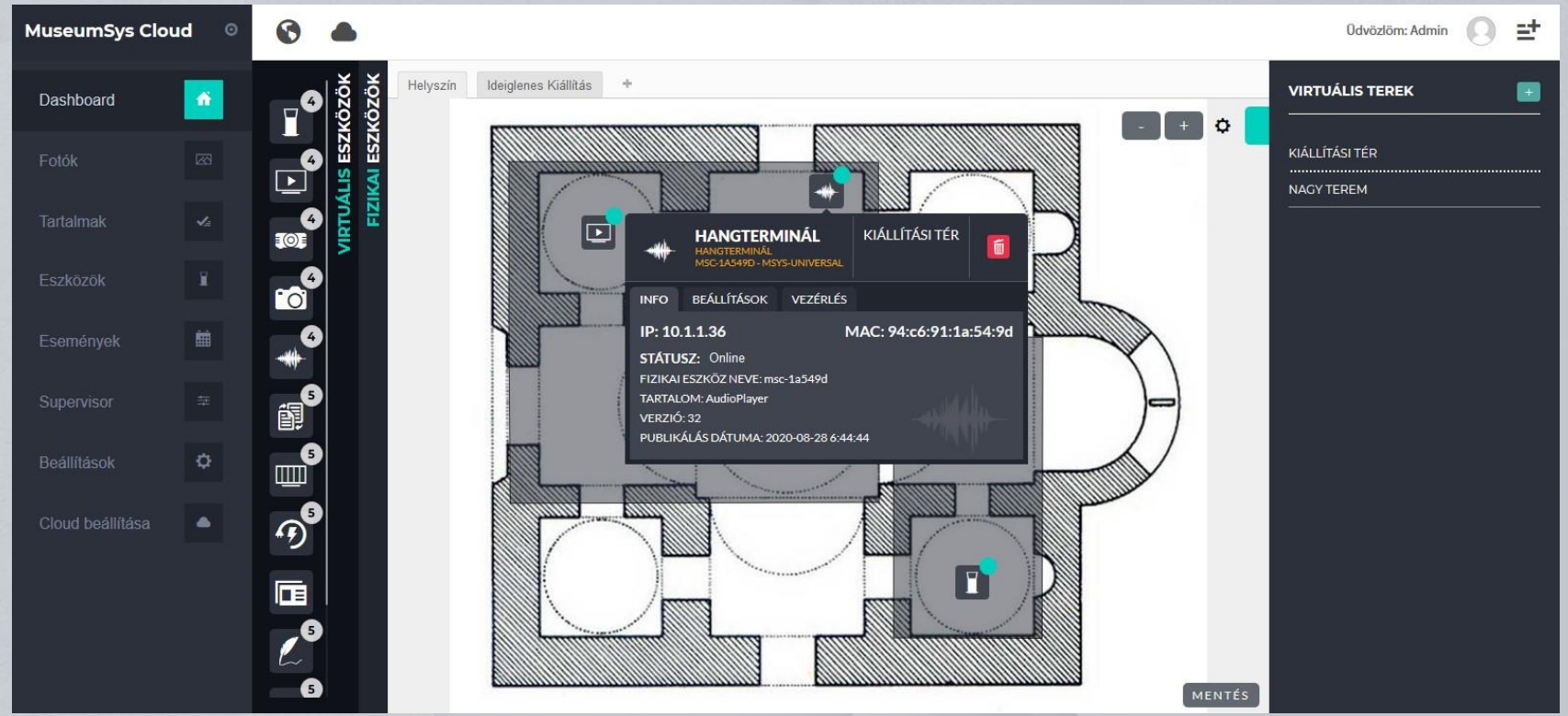
Playful

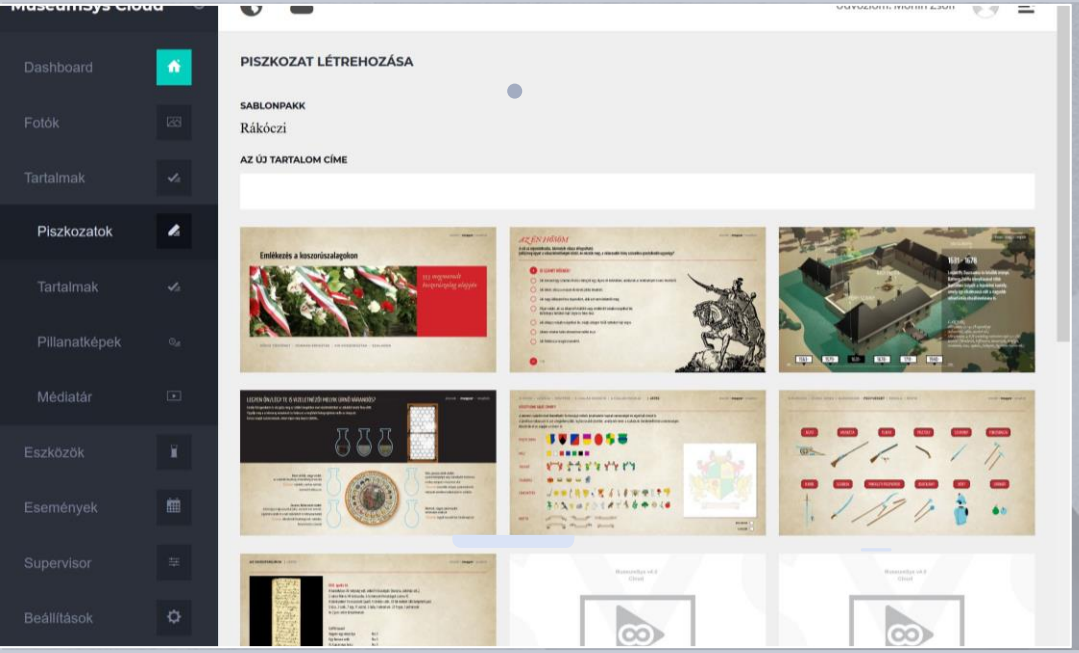
Picture kiosks, interactive games and puzzles made of the content of your exhibition

VERSATILE INTERFACE



EASY-TO-USE TOOLBAR





CONTENT EDITOR

Templates are specially made for your exhibition, with custom design.

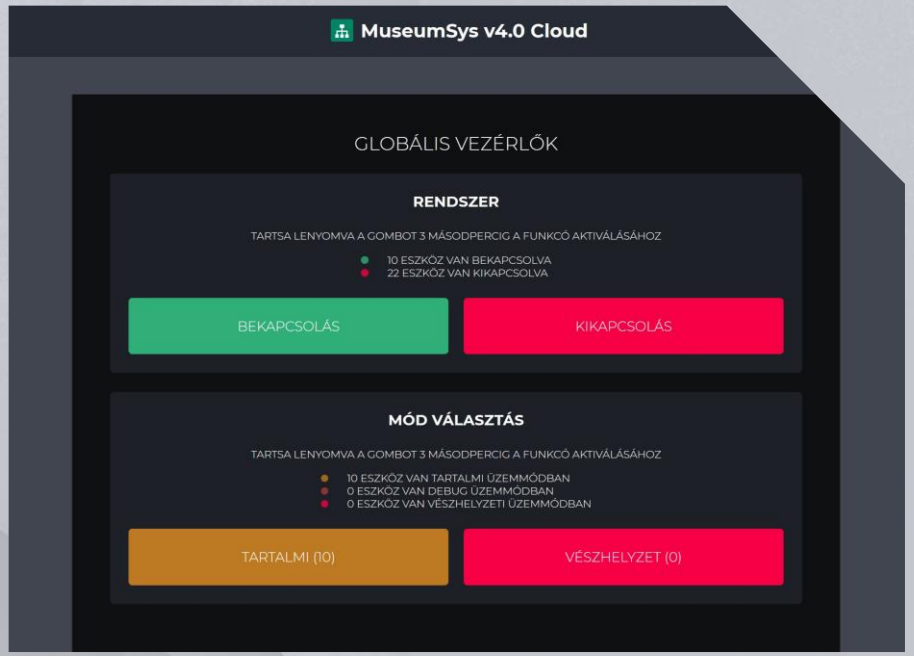
After installing the physical exhibition, all of the digital content is assigned to the right instrument.

All the content is easy to develop, test, edit and publish in half a minute, any time appropriate.

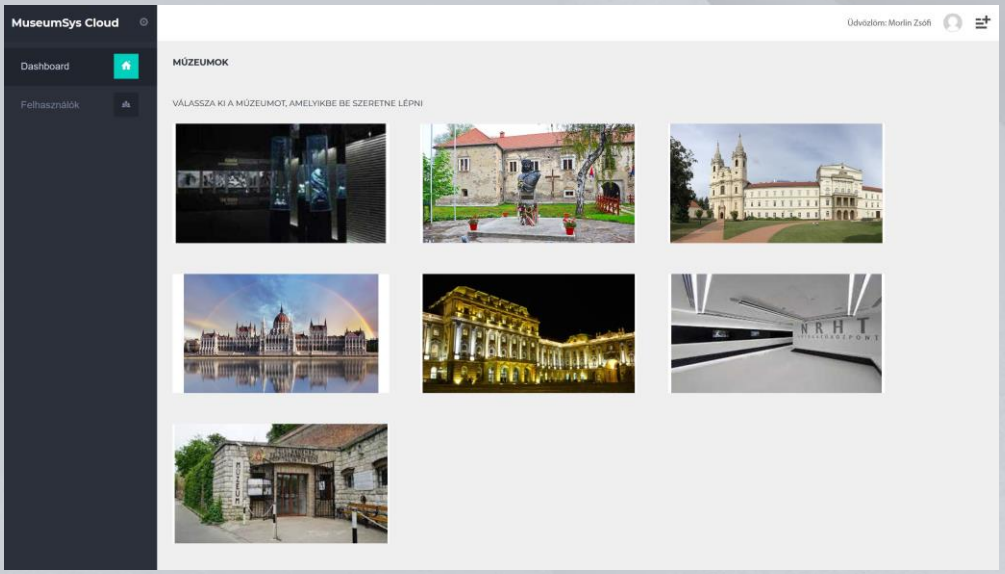
SUPERVISOR:
an online control panel

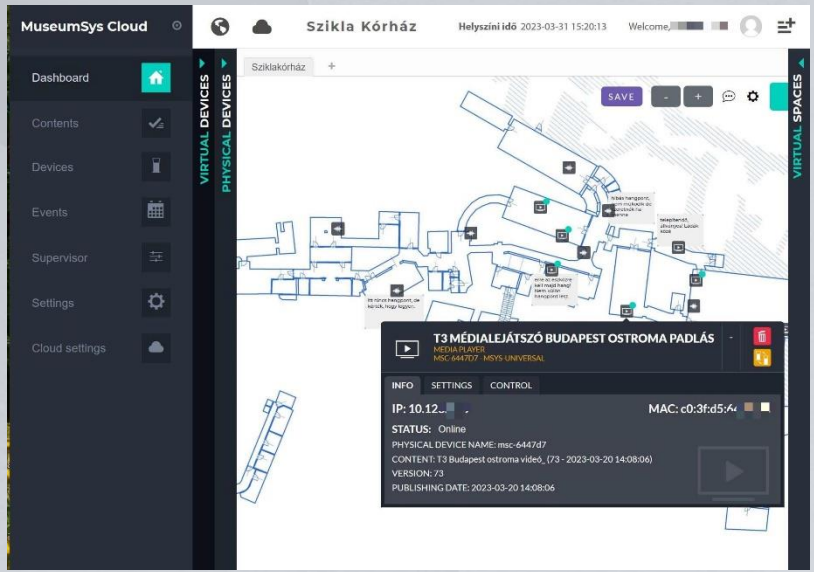
You can control each device separately
or manage them in groups.

The volume level of the audio devices
can also be set from here.



CLEAR-CUT, MODULAR SYSTEM





From a single administrative interface you can control multiple, completely separated system and subsystem, also provide different levels of rights to your operating personnel.

AREAS OF APPLICATION

This system can be used not only for museums or exhibitions, but for many other areas of different expertises:

-information surfaces in shopping malls
(both temporary for events or permanent)
-product information interfaces for retail chains
controlled, edited and updated from
a single administrative surface
-marketing materials and information surfaces
of tourism units
-can be an integration element connecting
multiple different sites
-or a control system forn unique effects like lightplays or other infrastructures
-a tool for virtual exhibitions e.g. enrichment of any site using augmented reality

CLIENT TO CLIENT CONTROLLING

Our so-called ‘Ticker-screen’ system allows visitors to control a monitor, projector or other device through a touch screen, for example they can control a projected interactive map through a small touchscreen.

This system offers a large spectrum of truly unique and interactive function that provides a lasting visitor experience. Examples:

-a projector’s content controlled through a touchscreen- with or without a monitor behind it.

-audio or light effects controlled by the visitor, through a menu with analogue buttons or touch surfaces

- Visitors can use a tablet to open doors, control visual effects, switch on and off different kinds of devices and elements of the installation.

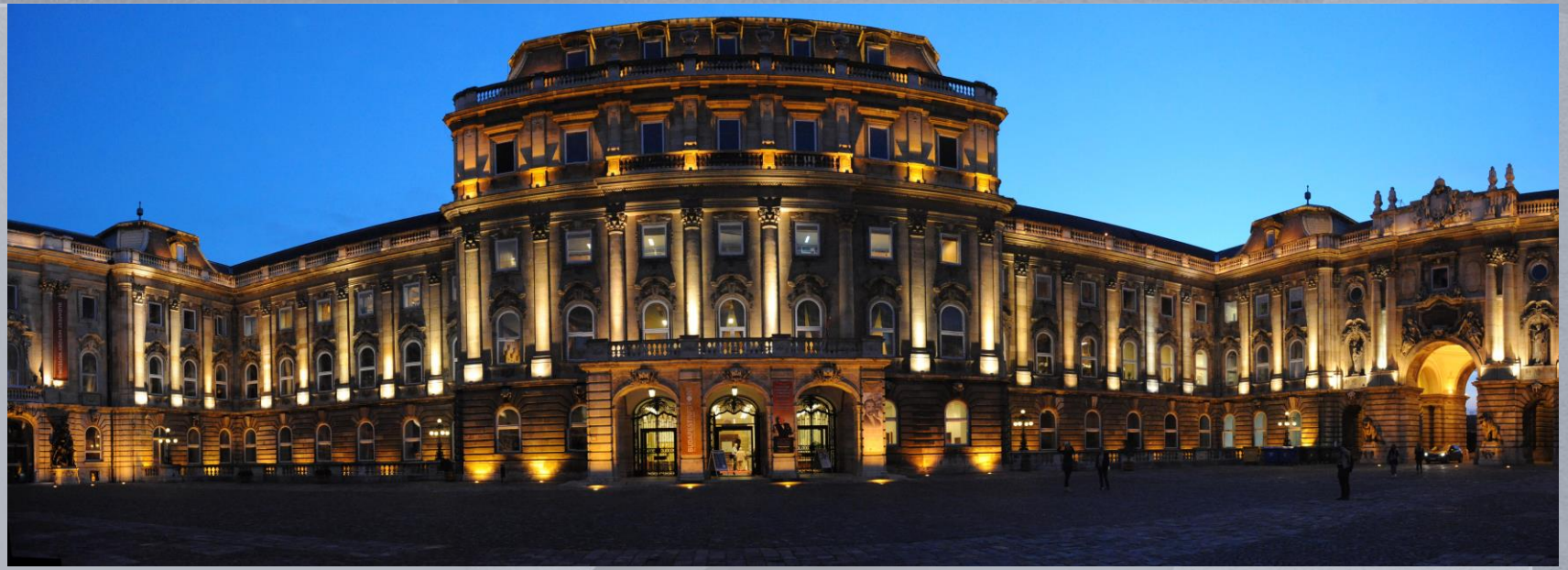
DEVICES

Set up a whole scene or stage from scratch!
Museumsys® is an integrated system of hardware and software. Choose from these HW elements:

- Server appliance
- Client Appliance
- Touchscreen consoles
- Touchscreen tables
- Audio player with conrol system,
- Videoplayer with control system
- Controlling different kinds of devices
- Lightplay, smart light management

REFERENCES

National Szechenyi Library, 2018-19



A'DESIGN AWARD & COMPETITION

AWARD WINNING DESIGN
BRONZE A' DESIGN AWARD
2020

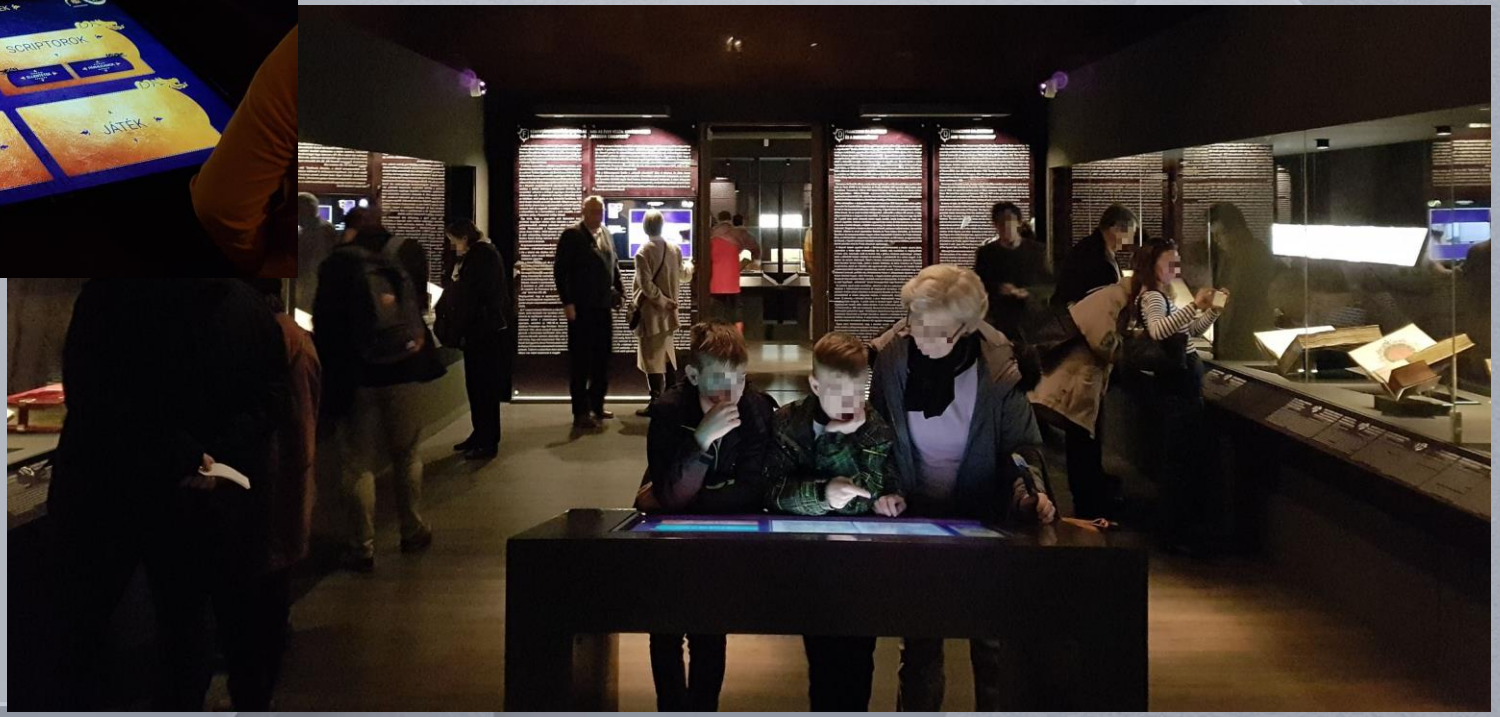
National Szechenyi Library, 2018-19

Touchscreen visuals

National Szechenyi Library, 2018-19

Projections and lightplays

National Szechenyi Library, 2018-19



Touchscreen table quiz

National Szechenyi Library, 2018-19

Interactive picture kiosk and terminal to send data, e.g. a modified picture to an email address

National Szechenyi Library, 2018-19

Audio points

National Szechenyi Library, 2018-19

Digital material to support guided tours

National Szechenyi Library, 2018-19

You can control the audio system through the surface of the SuperVisor

Hospital in the Rock
Nuclear Bunker Museum 2016-17

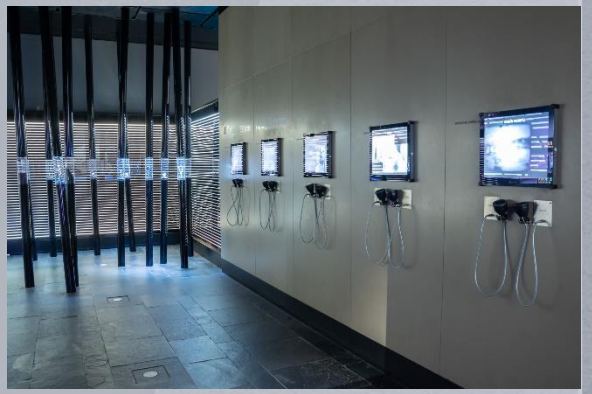
Source: wikipedia, photos taken by the museum's marketing team

Holocaust Museum 2006,2017,2021

Area: more than 500 square meters
Number of devices used: 56 devices

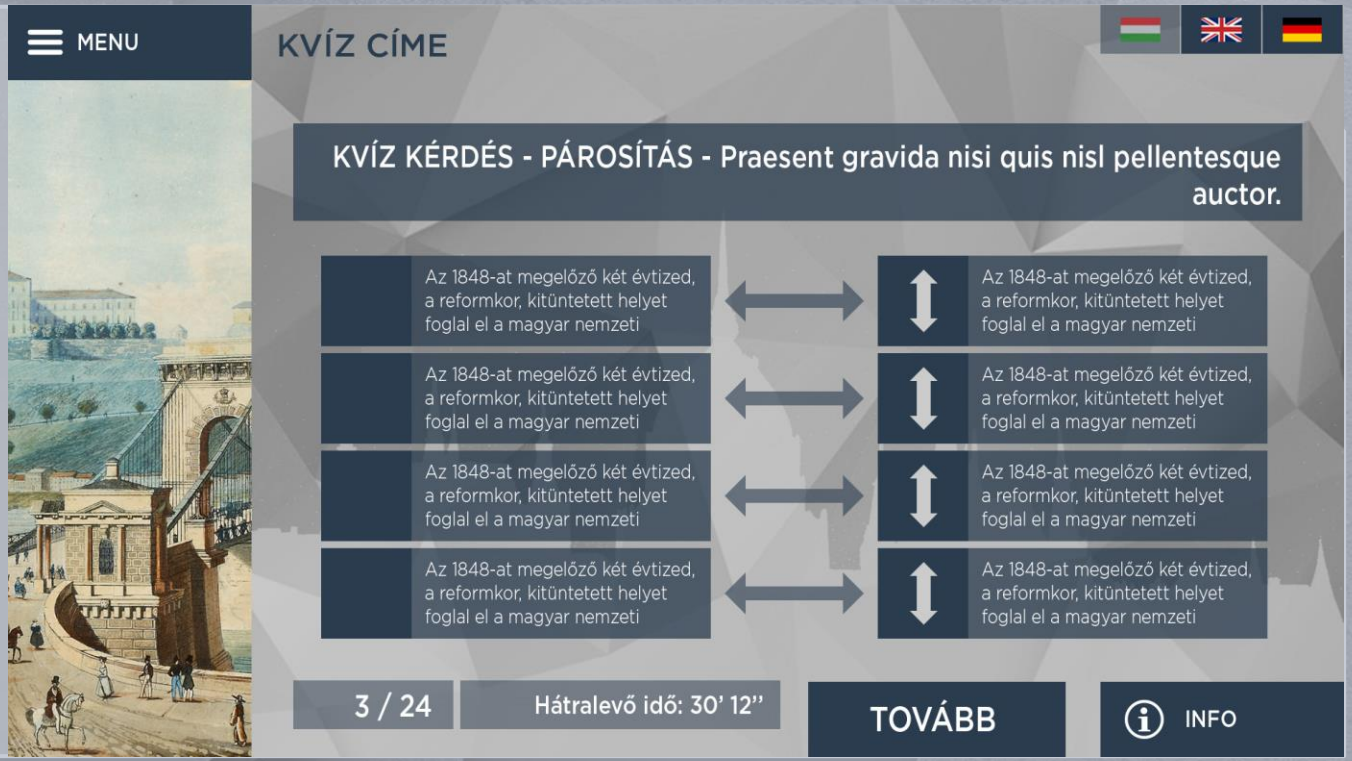
Holocaust Museum 2006,2017,2021

Holocaust Museum 2006,2017,2021



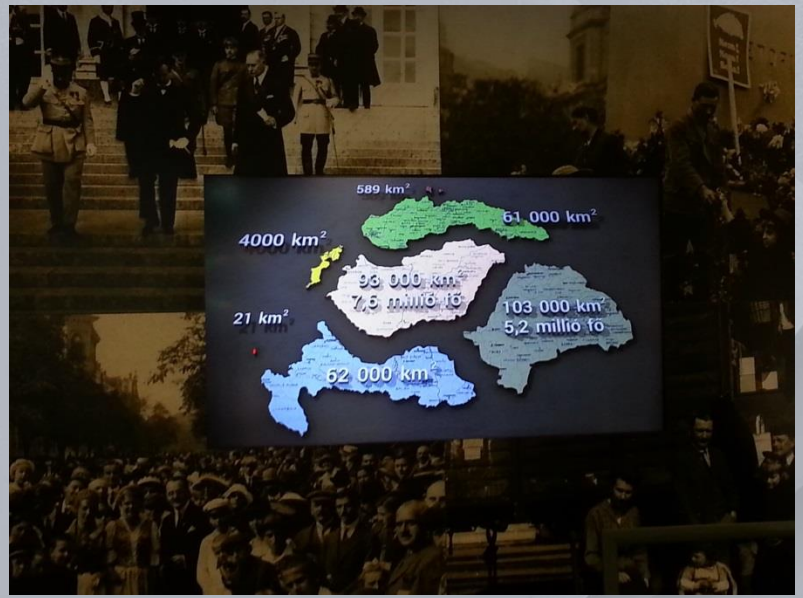
Exhibition of the Hungarian Parliament Building, 2015

Custom touchscreen games



Exhibition of the Hungarian Parliament Building, 2015

Touchscreen visuals

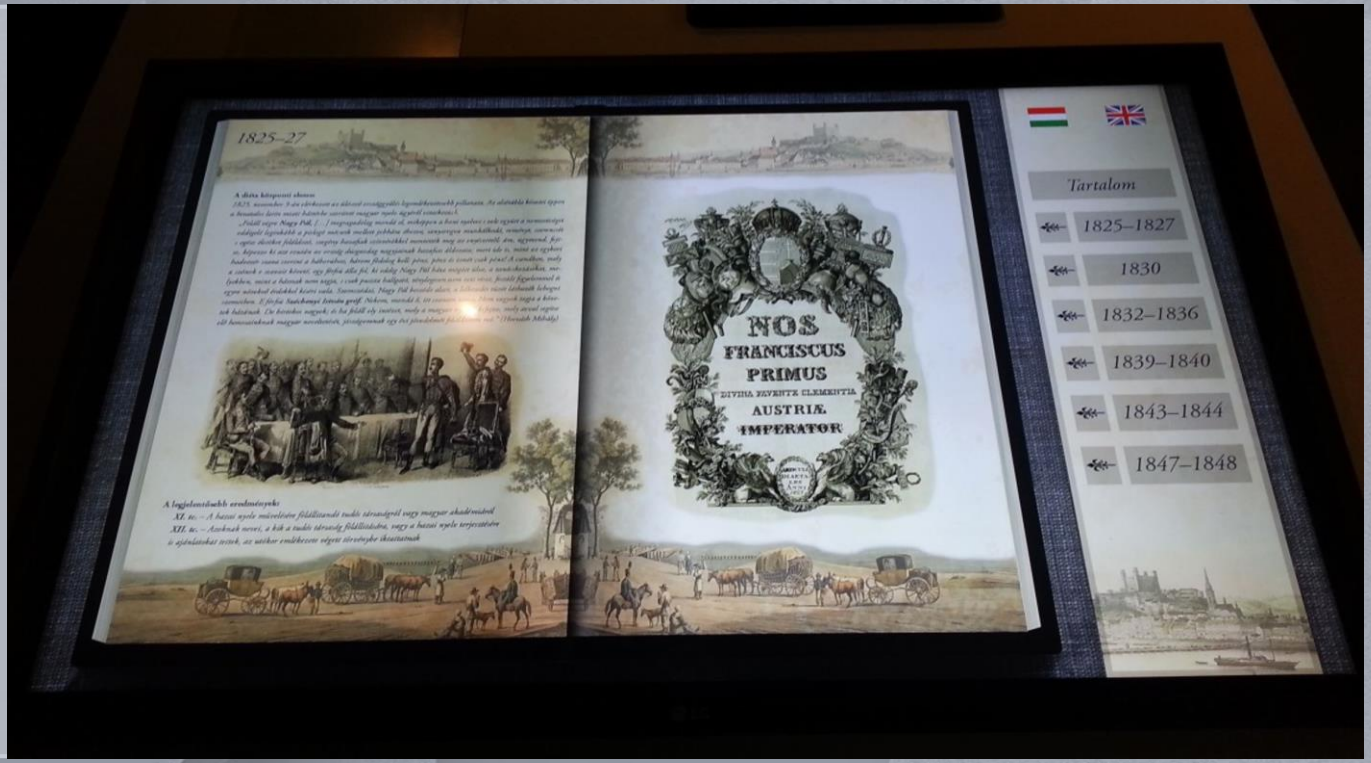


Exhibition of the Hungarian Parliament Building, 2015

Holographic visuals

Exhibition of the Hungarian Parliament Building, 2015

Touchscreen book, pages can be turned over digitally
Size: 42”



Exhibition of the Hungarian Parliament Building, 2015

Precision light projection on statues (interactive)

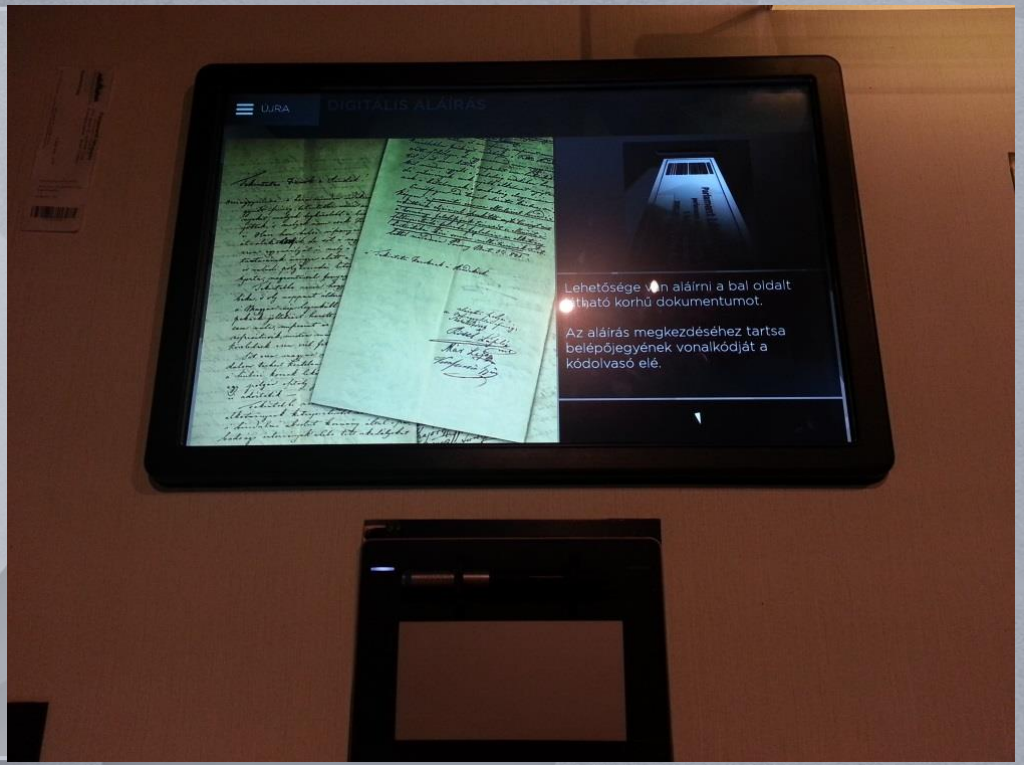
Exhibition of the Hungarian Parliament Building, 2015

Digitally supported revolving stage

Exhibition of the Hungarian Parliament Building, 2015

Digital signing device:

The visitor can put his own handwriting or sign on digitalized historical documents



National Radioactive Waste Repository Visitor’s center, 2014

Controlled functions
and movie show

National Radioactive Waste Repository Visitor’s center, 2014

Touchscreens

National Radioactive Waste Repository Visitor’s center, 2014

Control the timing of your content from a tablet

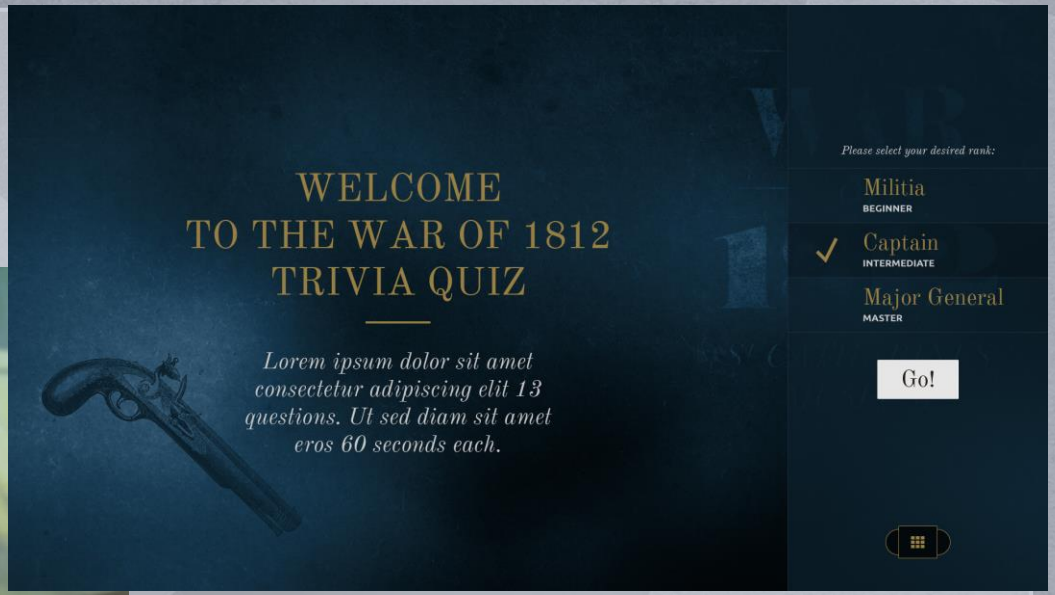
National Radioactive Waste Repository Visitor’s center, 2014

Ticker-screen

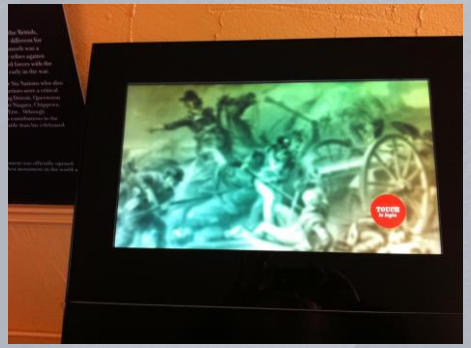
Lightplay: digitally controlled automated devices

Temporary exhibition, Canada: War of 1812, St Catharines Museum

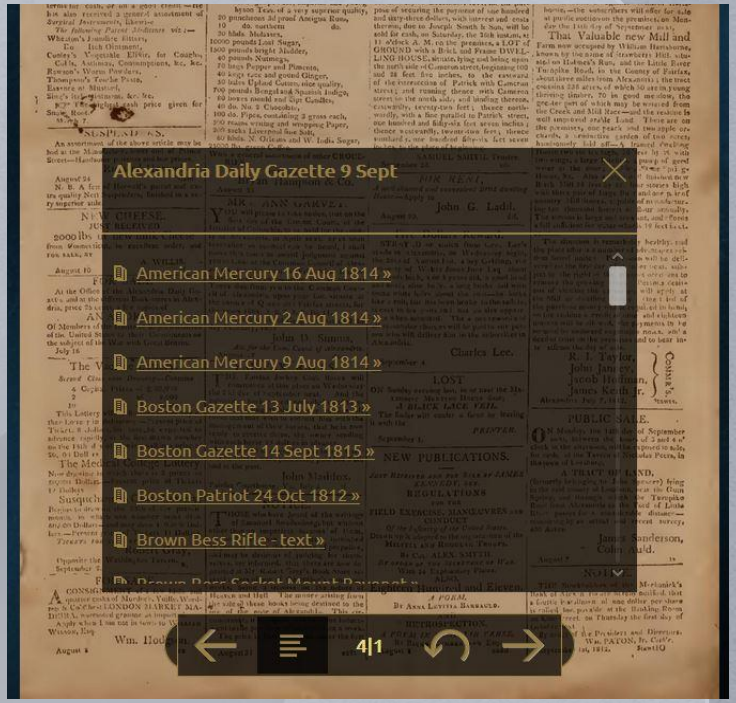
Touchscreen quiz



Temporary exhibition, Canada: War of 1812, St Catharines Museum

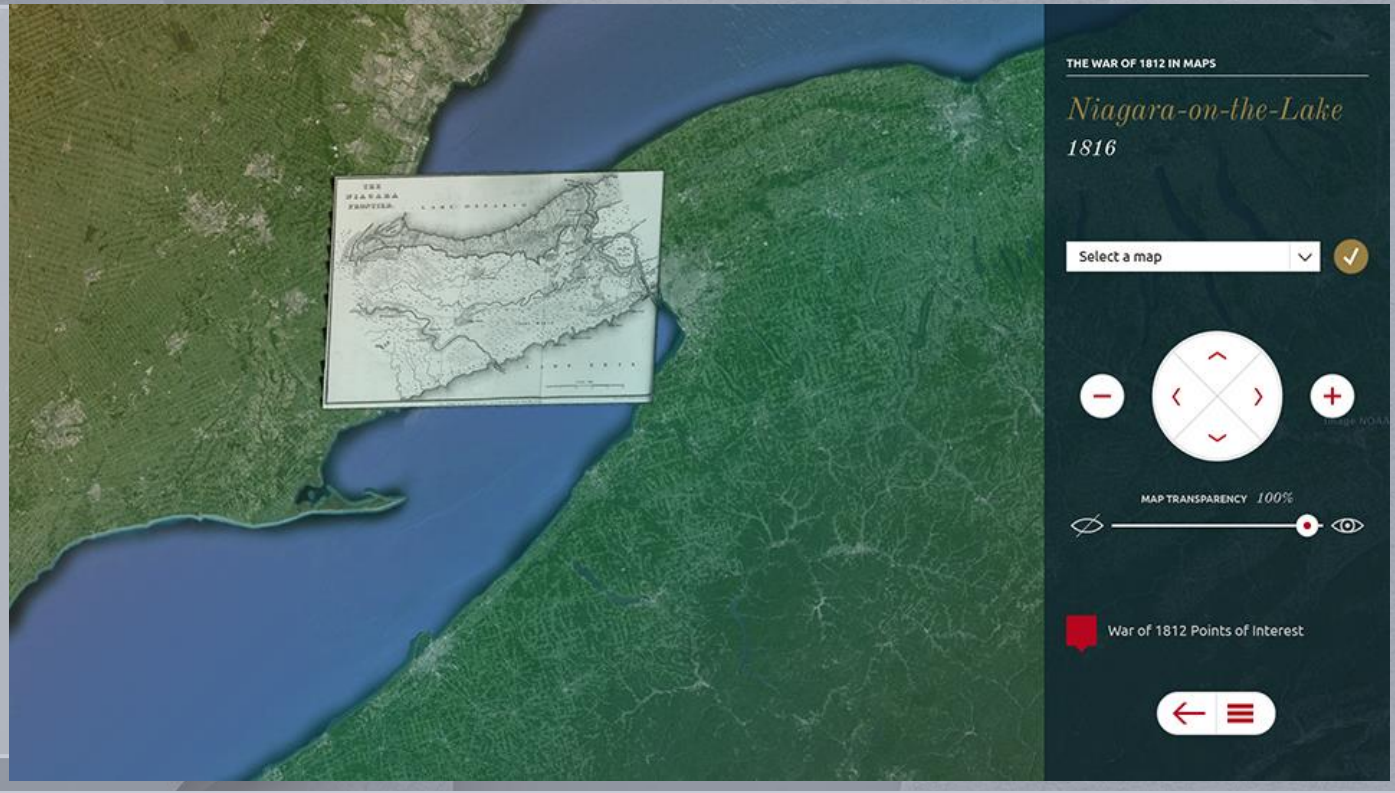


Touchscreens



Temporary exhibition, Canada: War of 1812, St Catharines Museum

Touchscreen with map



National Szechenyi Library, 2022

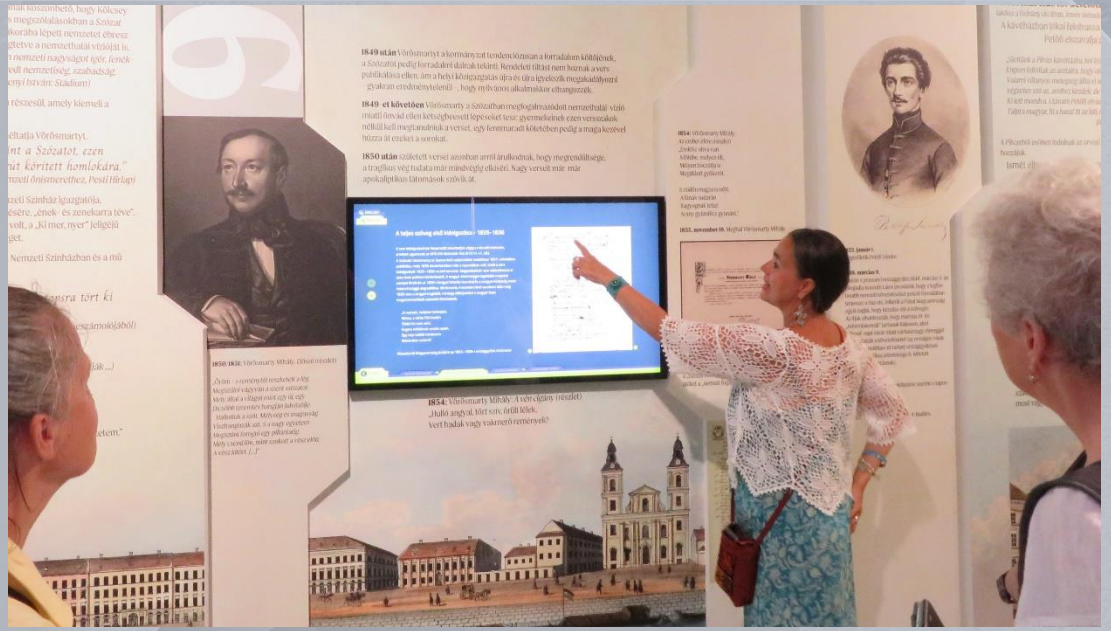
Touchscreen interactive table with picture gallery, game and quiz

National Szechenyi Library, 2022

Animated informative surfaces at the entrance

National Szechenyi Library, 2022

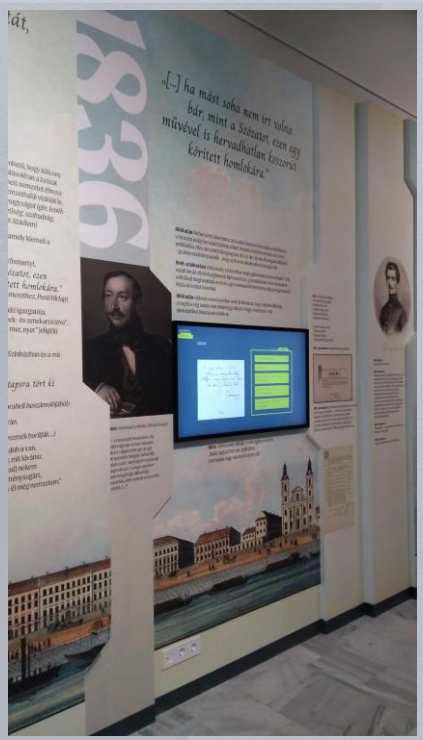
Touchscreen kiosk with video and audio



Interactive devices incorporated into the exhibition surfaces

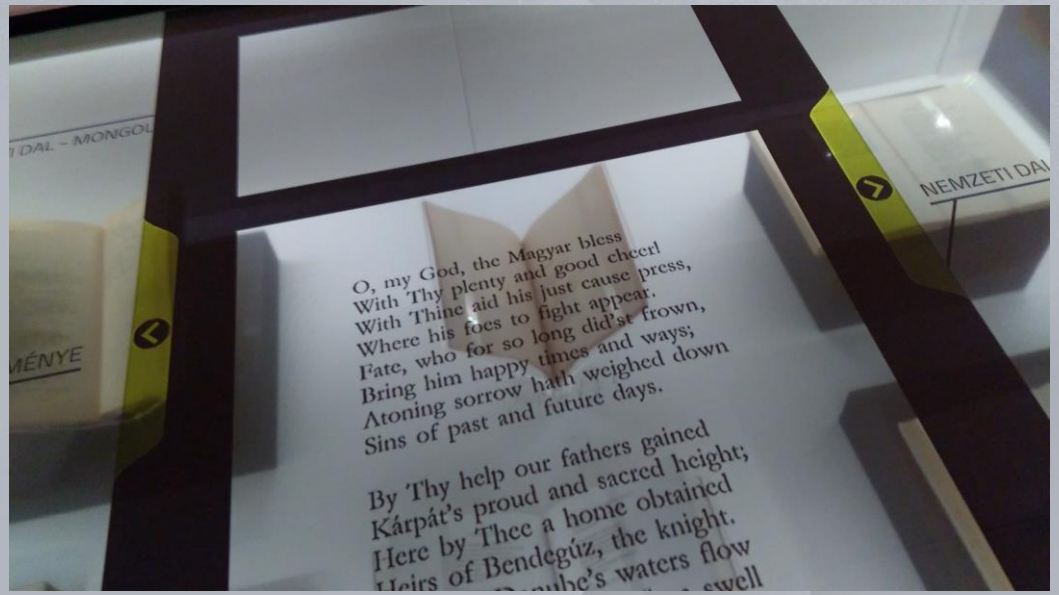
National Szechenyi Library, 2022

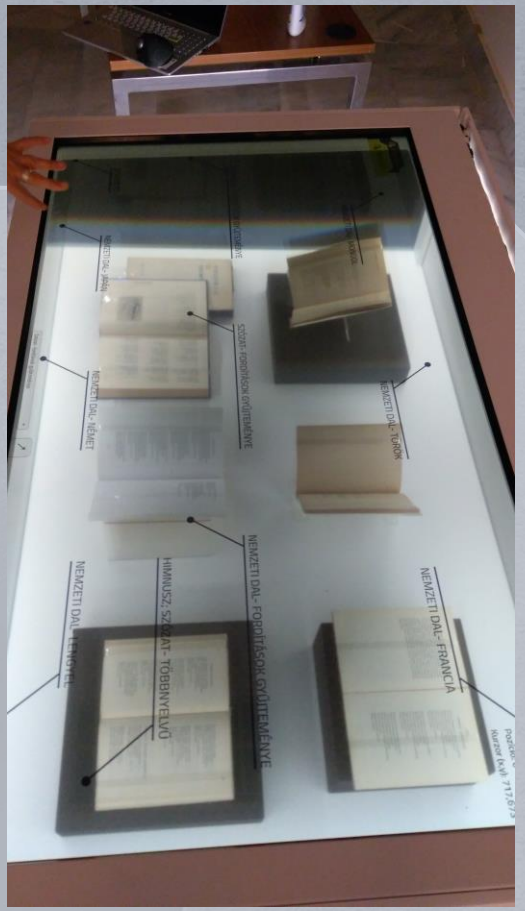
Built-in interactive devices



National Szechenyi Library, 2022

Transparent touchscreen showcase



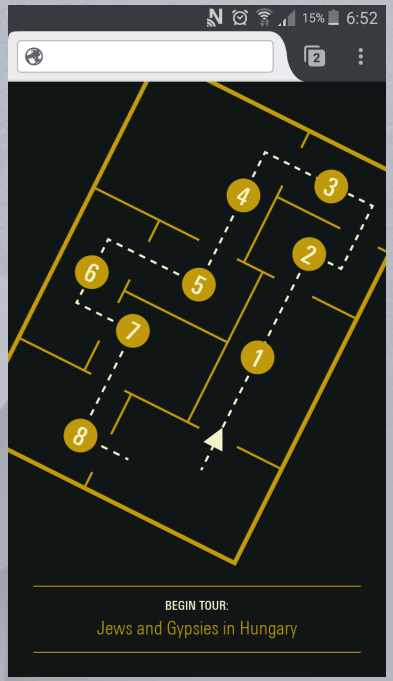


National Szechenyi Library, 2022

Large size multitouch monitor wall

-8 points of multitouch
-IR frame
-8,4m length

Visitor’s Guide Software, Zirc, 2022



Visitors can use it from their own phone, through browser – later it can be viewed and played fully or partially (restrictable for content or time).

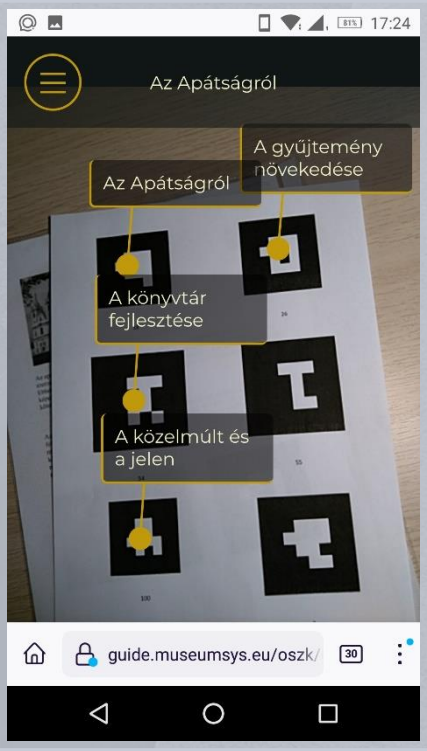
Text, videos, pictures, audio for visually impaired etc.

Visitor’s Guide Software, Zirc, 2022

Inside the Augmented Reality, tags called ArUco codes can be recognised like a small QR codes.

Through them, any of the exhibition’s digital content can be viewed. Text, videos, pictures, audio for visually impaired etc.

Tags can be placed anywhere inside the látogatótér, includig the digital surfaces.
2x2 sq cm sized tag might be enough.

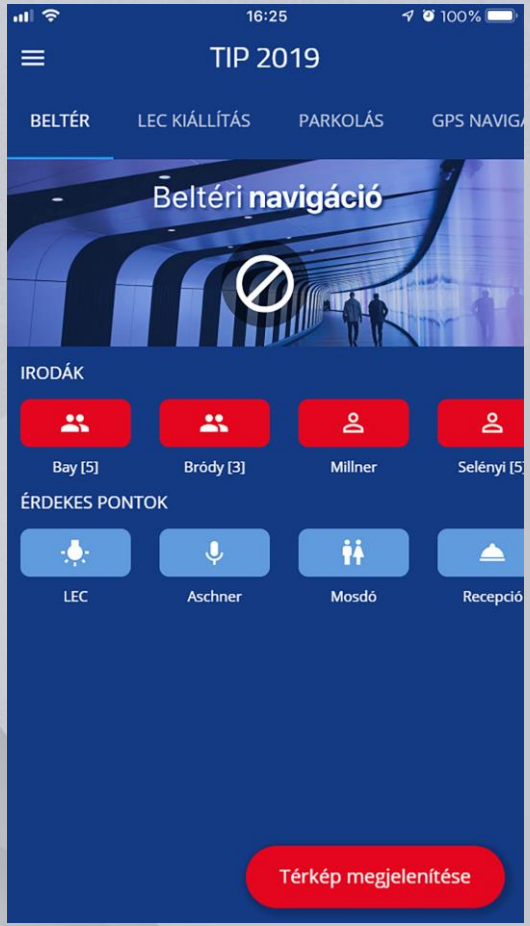


Visitor’s Guide Software, Zirc, 2022

Animations and pictures inside the AR space- they can be set to be clickable and lead to content

Tungsram exhibition

2019



Wine Museum of Etyek

Picture kiosks

Wine Museum of Etyek

Informative surfaces

MuseumSys®

About us

At your service since 1997.
Our MuseumSys service is being developed since 2006.

We are continuously working to add new functions and awesomeness to it.

www.museumsys.com

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We appreciate
your interest in
our work!