

# MuseumSys<sup>®</sup>



EDUCATE, INFORM, ENTERTAIN

# 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.



# 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

The screenshot displays the MuseumSys Cloud interface. At the top, the title "Szikla Kórház" is centered, with the user's name "Morlin Zsófi" and the current time "2023-04-26 14:00:14" on the right. A left sidebar contains navigation options: Dashboard, Contents, Devices, Events, Supervisor, Settings, and Cloud settings. A vertical toolbar on the left side of the main area is labeled "VIRTUAL DEVICES" and "PHYSICAL DEVICES" and contains various icons for device management. The main area shows a floor plan of the Szikla Kórház with several media player icons placed on it. A detailed overlay window for a selected device is shown, titled "T7 MÉDIALEJÁTSZÓ- POLGÁRI VÉDELEM". The overlay includes tabs for "INFO", "SETTINGS", and "CONTROL". The "INFO" tab is active, displaying the following details:

- IP: 10. [redacted]
- MAC: c0:3f:d5
- STATUS: Online
- PHYSICAL DEVICE NAME: msc-642a2c
- CONTENT: T7 Polgári védelem\_ (76 - 2023-03-20 14:09:47)
- VERSION: 76
- PUBLISHING DATE: 2023-03-20 14:09:47

At the top right of the floor plan, there are control buttons for "SAVE", "-", "+", a chat icon, and a settings icon. The right edge of the interface is labeled "VIRTUAL SPACES".

# EASY-TO-USE TOOLBAR

**MuseumSys Cloud** OSZK-Könyvtár Helyszíni idő 2023-04-26 14:03:40 Welcome, Morlín Zsófi

5.emelet 6.emelet +

**VIRTUAL DEVICES**  
VIRTUAL SPACES

**6.em Infóképernyő 1. device**  
status: Online  
2023-4-26 16:2:9

**6.em Infóképernyő 2. device**  
status: Online  
2023-4-26 16:2:9

**Kód device status:**  
Online  
2023-4-26 16:2:9



# CONTENT EDITOR

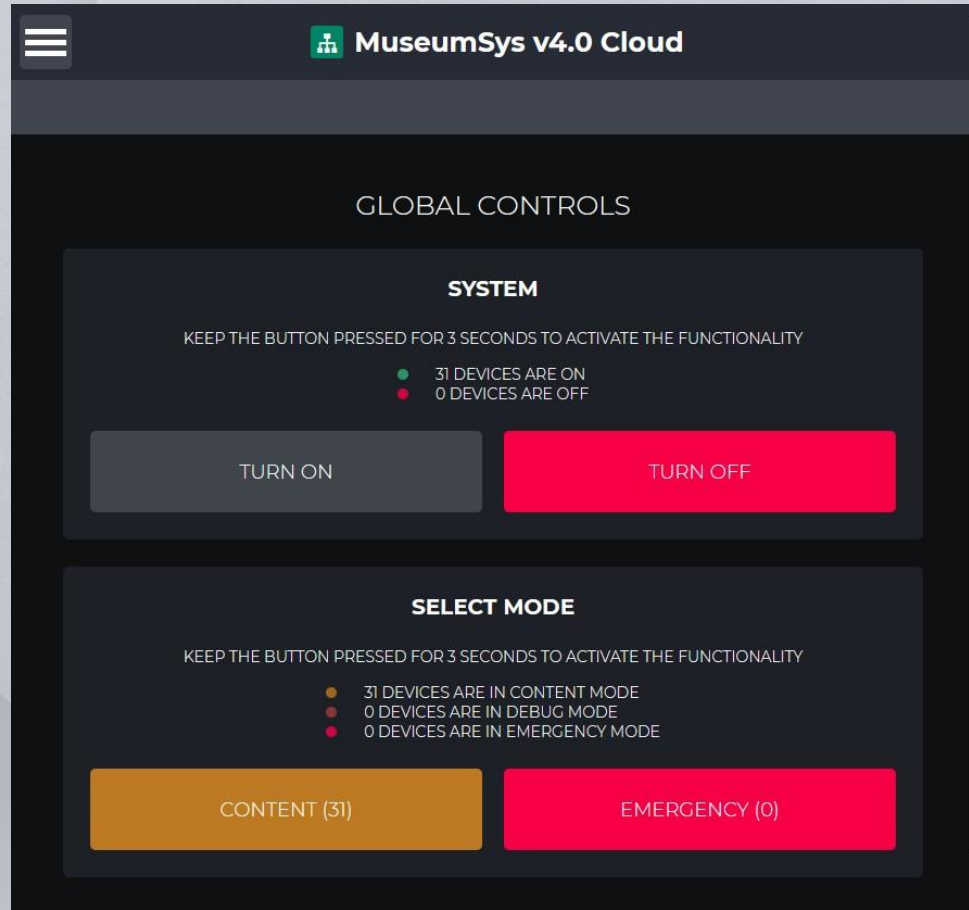
Templates are specially made for your exhibition, with custom design. After installing the physical exhibition, all of the digital content is assigned to the right instrument. All the content is easy to develop, test, edit and publish in half a minute, any time appropriate.

The screenshot displays the MuseumSys Cloud Content Editor interface. On the left is a dark sidebar with navigation options: Dashboard, Contents, Drafts, Contents, Snapshots, Media Library, Devices, Events, Supervisor, Settings, and Cloud settings. The main area shows the editor for 'Szikla Kórház' with the date '2023-04-26 14:10:11' and user 'Morlin Zsófi'. The editor includes a 'CREATE DRAFT' button and a 'CHOOSE TEMPLATE PACK' section. A grid of content templates is visible, including: 'Emlékezés a koszorúszalagokon', 'AZ ÉN HŐSÖM' (a quiz template), a 3D architectural model of a building, 'LEVENŐN ÖN LEÉLT-E VISELÉNYEID MELTAK ÖRÖM VÁRÁNDOS?', 'A CSER, LŐKÖR, SŐTÉSE, A CSALÁD ÉRDEKE, A CSALÁD SÁNGJA, JÁTEK' (a game template), and a collection of historical weapons and tools.

# 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

The image displays two screenshots of the MuseumSys Cloud interface. The left screenshot shows the main dashboard with a sidebar menu containing 'Dashboard', 'Users', and 'Museums'. The main area is titled 'MUSEUMS' and prompts the user to 'CHOOSE A MUSEUM TO ENTER'. It features a grid of six museum images. The right screenshot shows a detailed view of a physical device, 'T3 MÉDIAJÁTSZÓ BUDAPEST OSTROMA PADLÁS', with a map of the Sziklakórház building. The device information panel includes the following details:

INFO	SETTINGS	CONTROL
IP: 10.12...		MAC: c0:3f:d5:4...
STATUS: Online		
PHYSICAL DEVICE NAME: msc-6447d7		
CONTENT: T3 Budapest ostroma videó, (73 - 2023-03-20 14:08:06)		
VERSION: 73		
PUBLISHING DATE: 2023-03-20 14:08:06		

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 for 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 control 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





# Holocaust Museum 2006,2017,2021

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

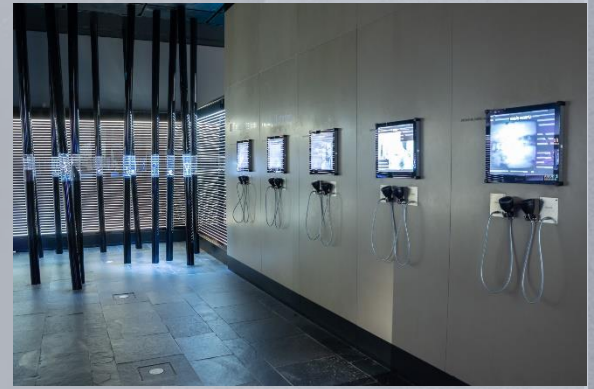


# Holocaust Museum 2006,2017,2021



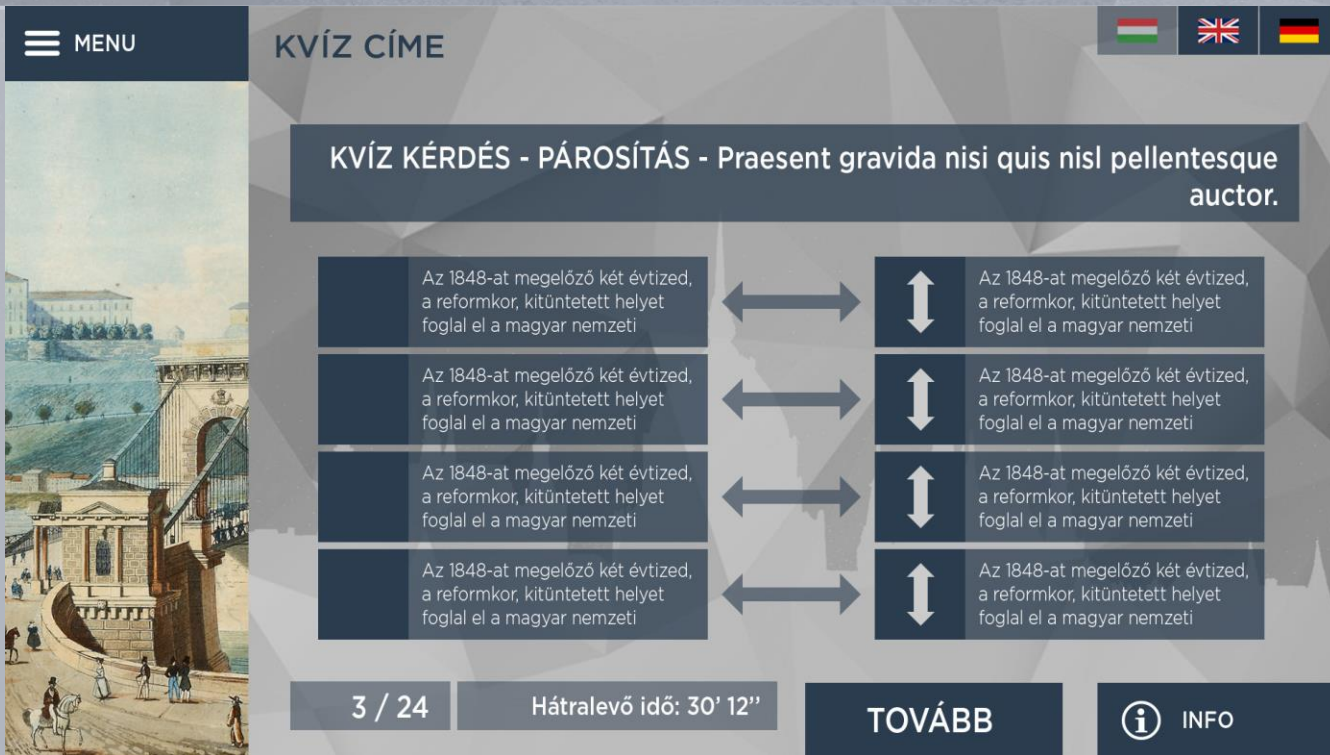


# Holocaust Museum 2006,2017,2021



# Exhibition of the Hungarian Parliament Building, 2015

Custom  
touchscreen  
games



☰ MENU

KVÍZ CÍME

🇮🇪 🇬🇧 🇩🇪

**KVÍZ KÉRDÉS - PÁROSÍTÁS - Praesent gravida nisi quis nisl pellentesque auctor.**

Az 1848-at megelőző két évtized, a reformkor, kitüntetett helyet foglal el a magyar nemzeti	↔	↕	Az 1848-at megelőző két évtized, a reformkor, kitüntetett helyet foglal el a magyar nemzeti
Az 1848-at megelőző két évtized, a reformkor, kitüntetett helyet foglal el a magyar nemzeti	↔	↕	Az 1848-at megelőző két évtized, a reformkor, kitüntetett helyet foglal el a magyar nemzeti
Az 1848-at megelőző két évtized, a reformkor, kitüntetett helyet foglal el a magyar nemzeti	↔	↕	Az 1848-at megelőző két évtized, a reformkor, kitüntetett helyet foglal el a magyar nemzeti
Az 1848-at megelőző két évtized, a reformkor, kitüntetett helyet foglal el a magyar nemzeti	↔	↕	Az 1848-at megelőző két évtized, a reformkor, kitüntetett helyet foglal el a magyar nemzeti

3 / 24

Hátralevő idő: 30' 12"

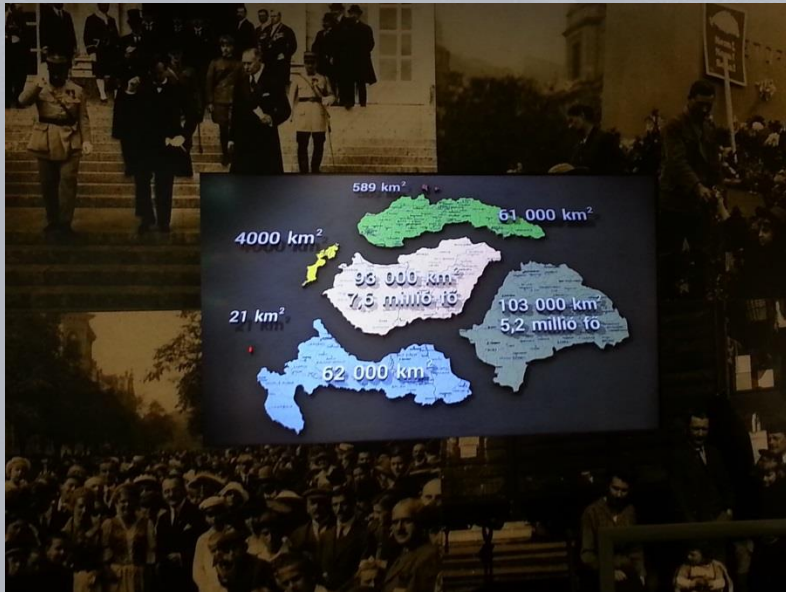
TOVÁBB

📘 INFO



# Exhibition of the Hungarian Parliament Building, 2015

## Touchscreen visuals



# Exhibition of the Hungarian Parliament Building, 2015

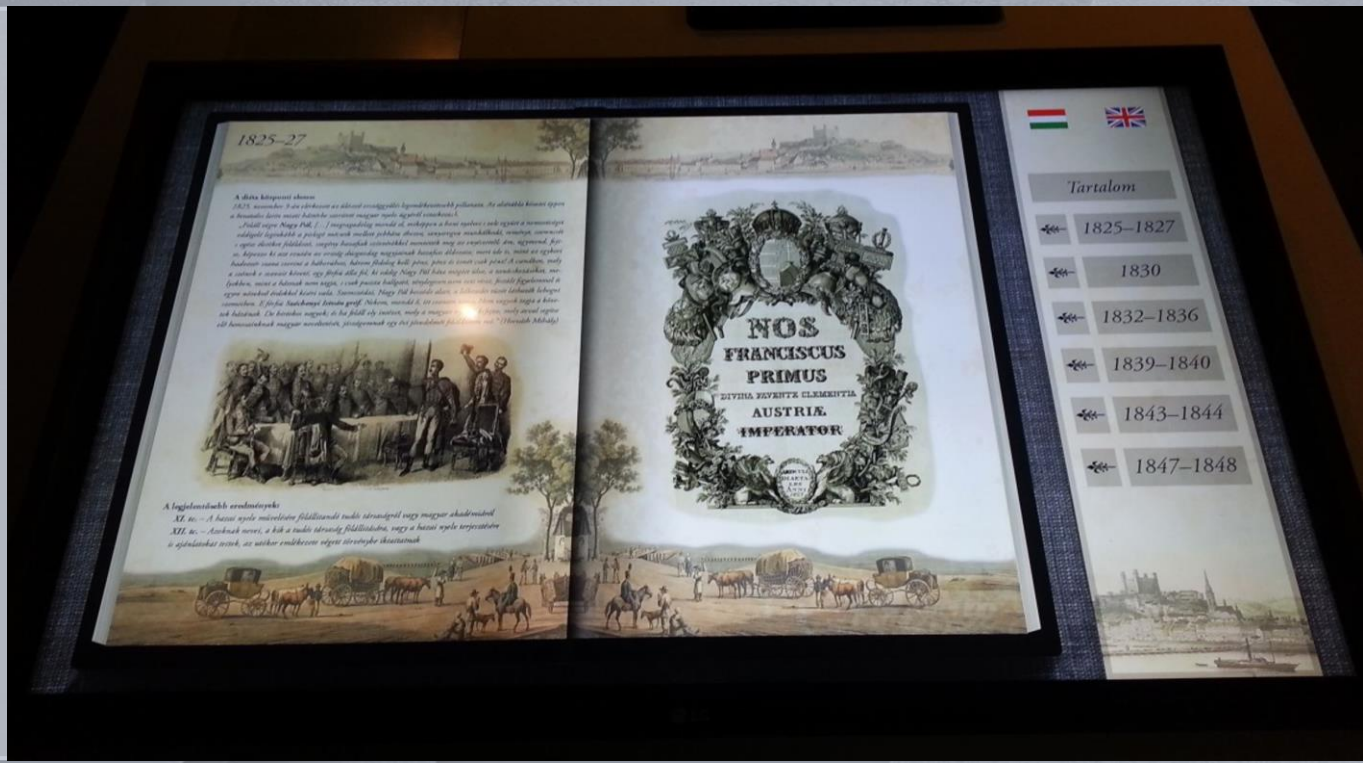
## Holographic visuals





# 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

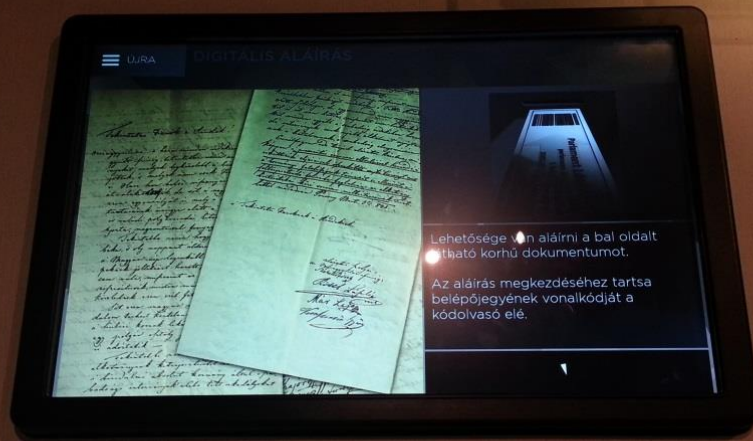
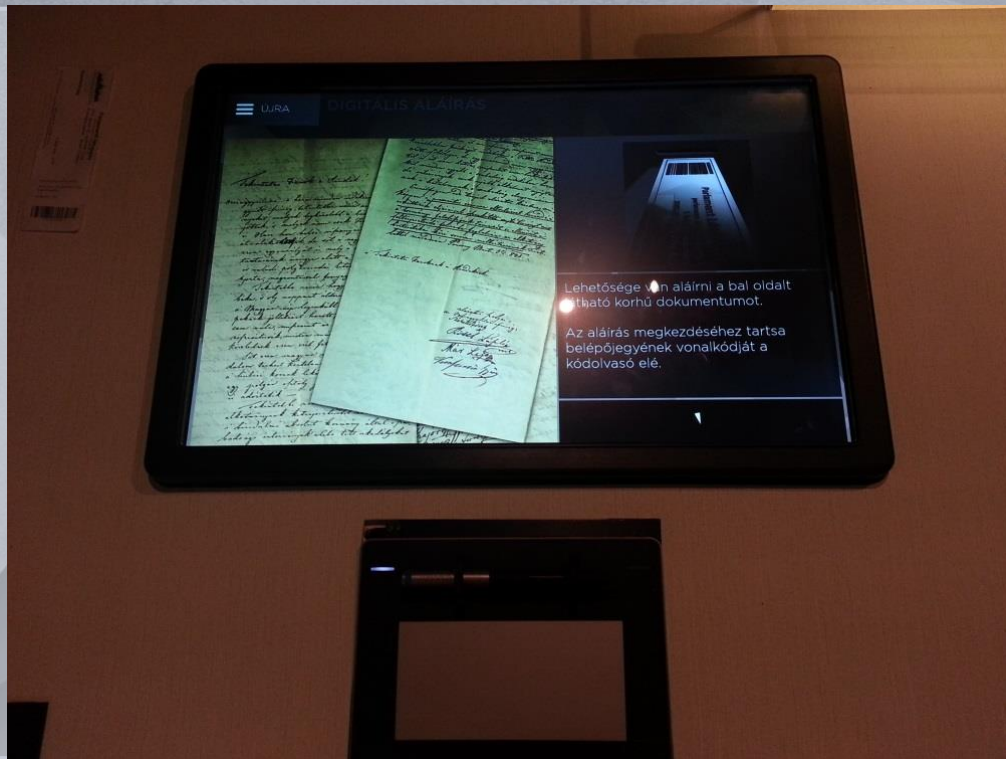
Digitally supported  
revolving stage



# Exhibition of the Hungarian Parliament Building, 2015

Digital signing device:

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



Lehetősége van aláírni a bal oldalt látható korhű dokumentumot.  
Az aláírás megkezdéséhez tartsa belepőjegyének vonalkódját a kódolvasó elé.



# 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



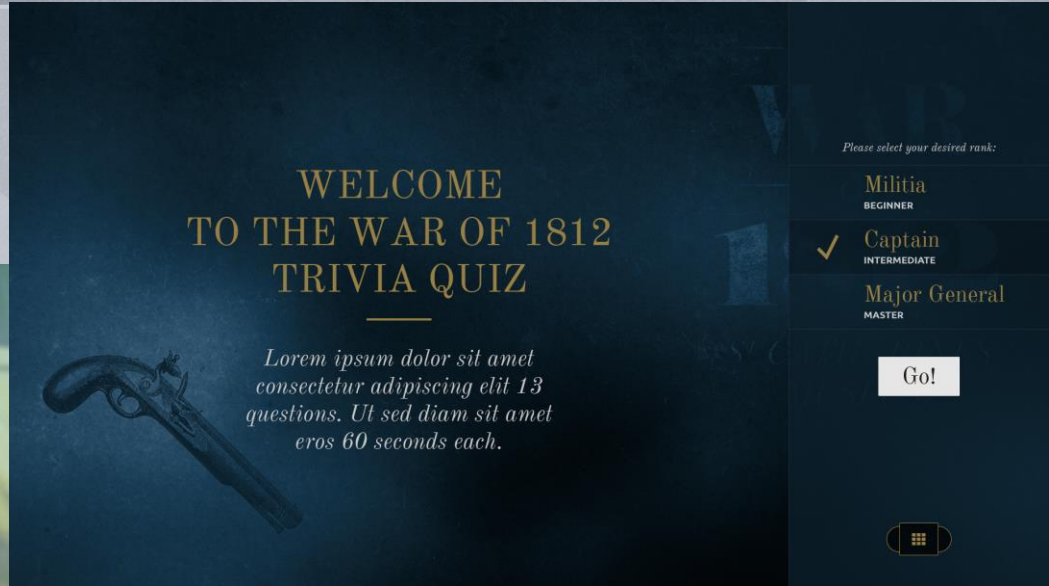


# Temporary exhibition, Canada: War of 1812, St Catharines Museum

Touchscreen quiz



TOUCH  
to begin



Please select your desired rank:

Militia  
BEGINNER

✓ Captain  
INTERMEDIATE

Major General  
MASTER

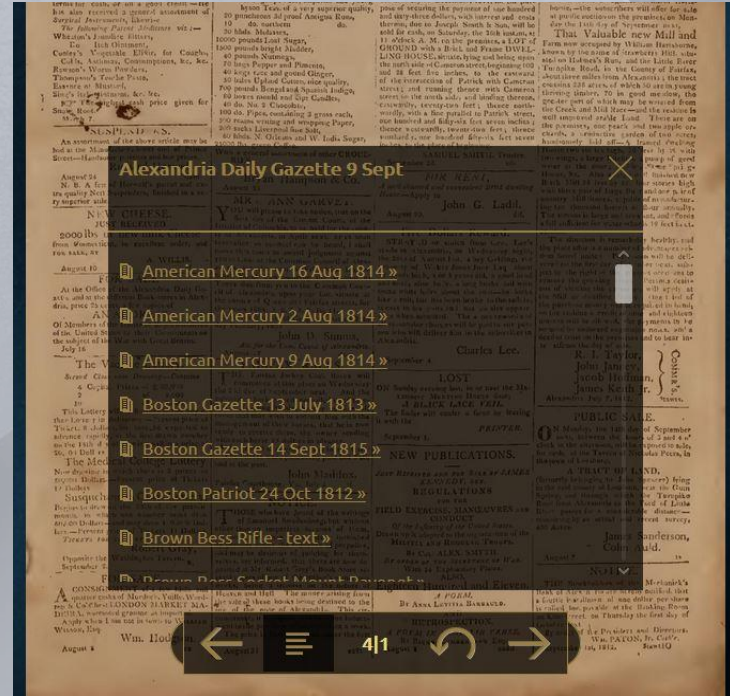
Go!



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



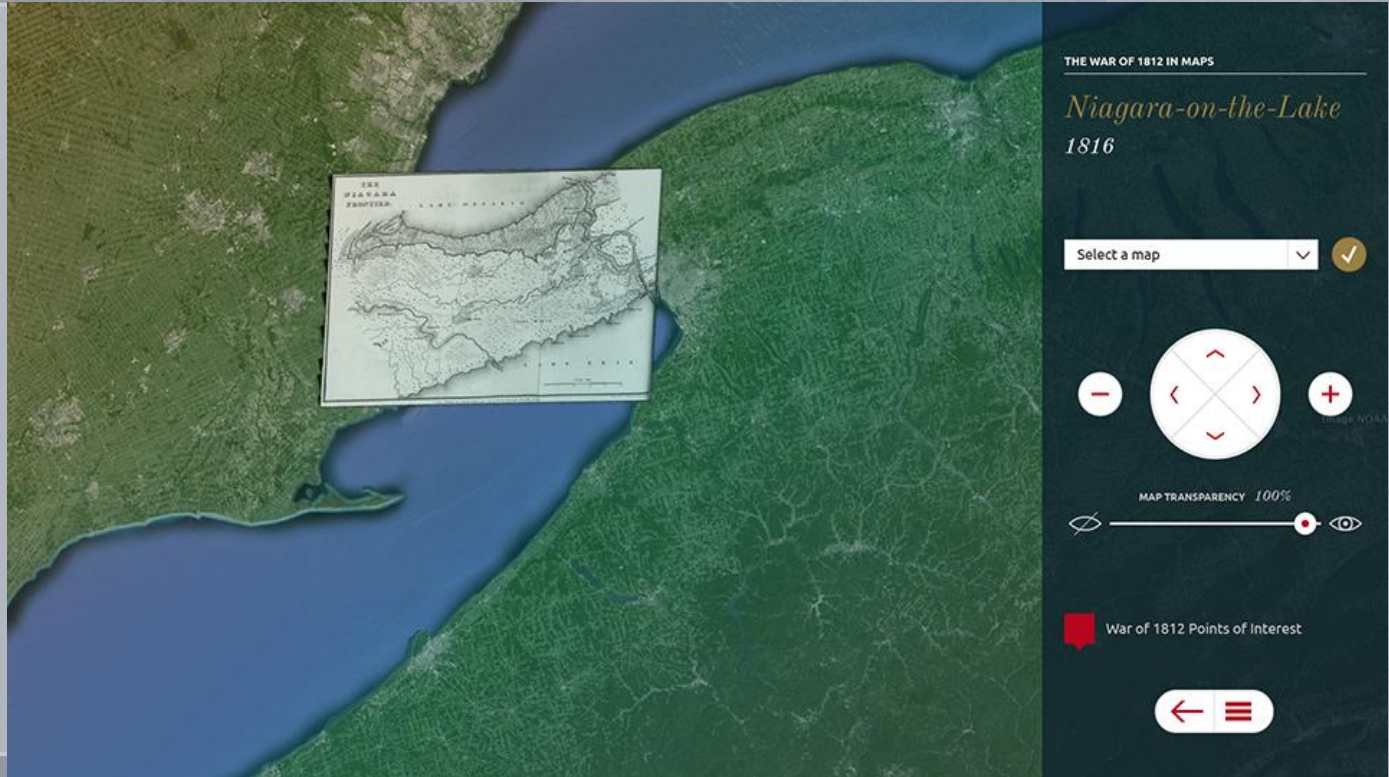
Touchscreens





# 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

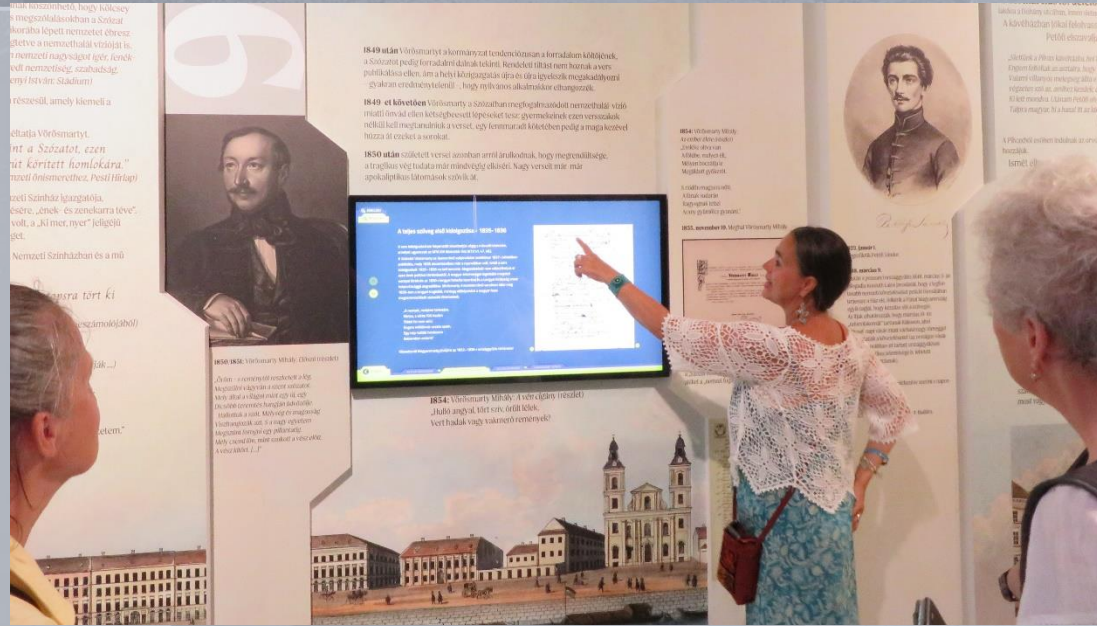




# National Szechenyi Library, 2022



Touchscreen kiosk with video and audio



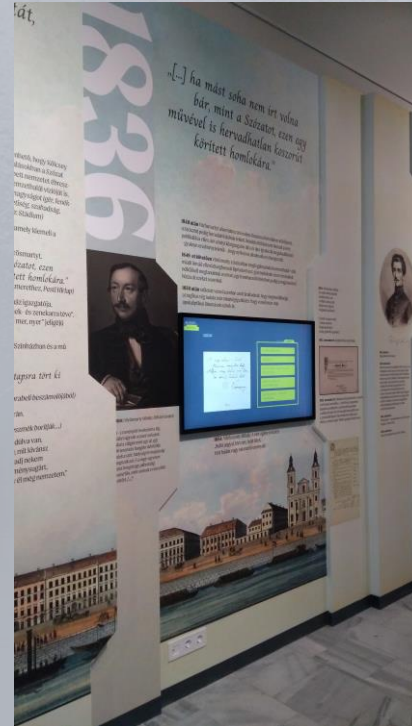
Interactive devices incorporated into the exhibition surfaces. It can be a good help for guide personnel



# National Szechenyi Library, 2022



Built-in interactive devices







# National Szechenyi Library 2022

Transparent  
touchscreen showcase





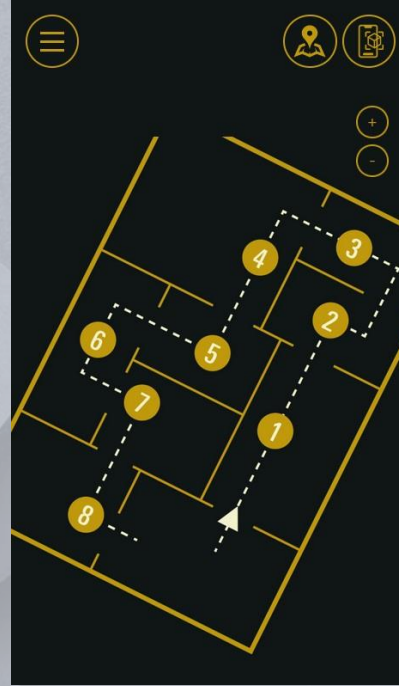
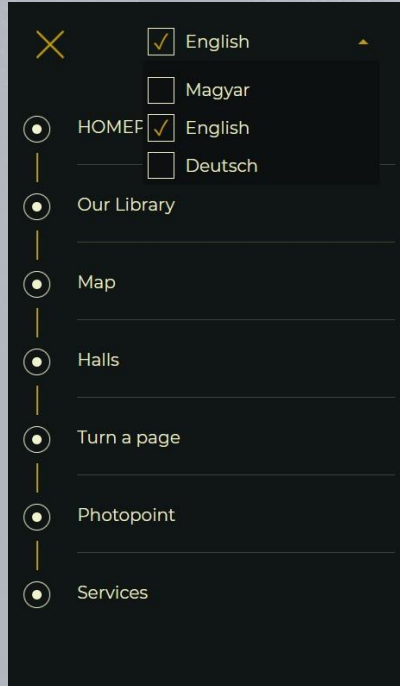
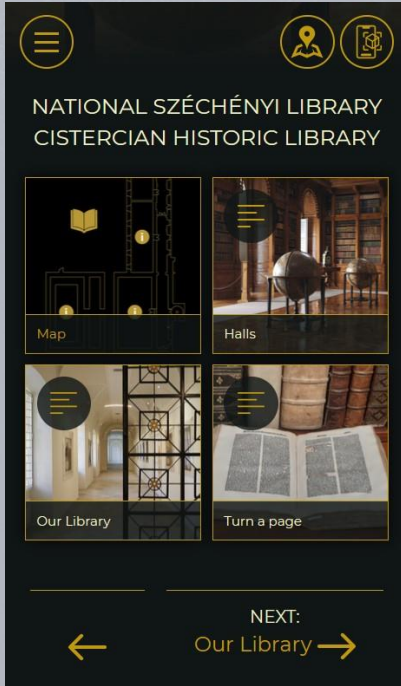
# National Szechenyi Library, 2022

Large size multitouch  
monitor wall

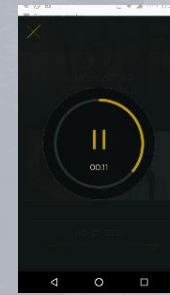
- 8 points of multitouch
- IR frame
- 8,4m length



# 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 exhibition hall, including the digital surfaces.

2x2 sq cm sized tag might be enough.





# Visitor's Guide Software, Zirc, 2022

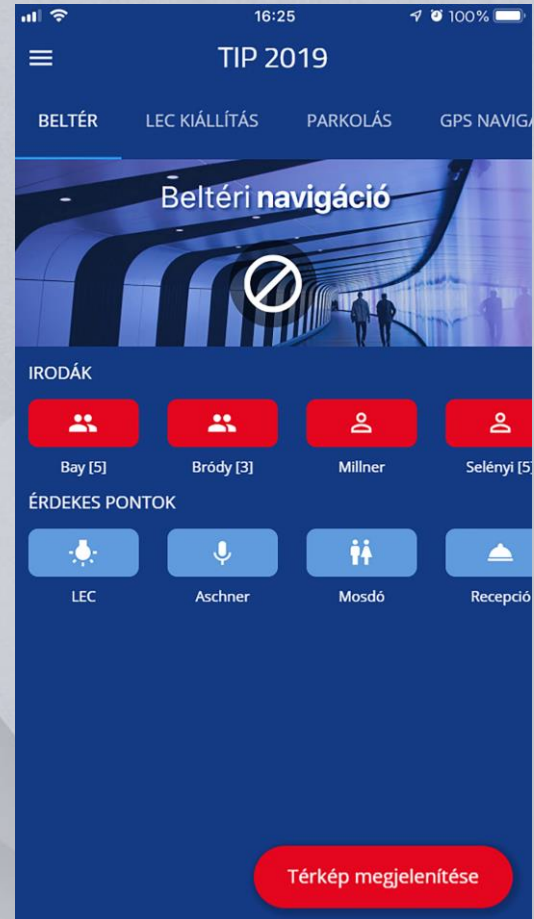
Animations and pictures inside the AR space- they can be set to be clickable and lead to content



# Tungsram exhibition



2019





# Wine Museum of Etyek

Picture kiosks





# Wine Museum of Etyek

Informative  
surfaces



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ITT VAGY:  
**FŐLDAL - ÉTTERMEK**

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## CINNAMON ÉTTEREM

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2091 Etyek, Öreghegy 3108. hrsz.  
Tel: 20/997-1289 Fax:1/388-9138

Férőhely: 40 fő + szabadban 150 fő  
E-mail: [info@hvp.hu](mailto:info@hvp.hu)  
Honlap: [www.hvp.hu](http://www.hvp.hu)

Szolgáltatások: A la carte étterem, rendezvényszervezés  
Gyermekeknek játszótér  
Nyelvismeret: angol, francia, spanyol, olasz, német

—

**VISSZA**



# 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 even more awesomeness.

[www.museumsys.com](http://www.museumsys.com)



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We appreciate  
your interest in  
our work!

