

Showcase Experience

Let every object tell its story



Enhancing cultural discovery

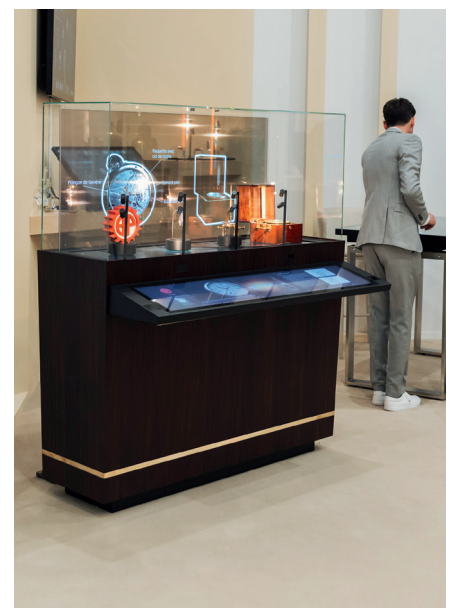
Showcase Experience is an intelligent display that transforms how audiences engage with cultural content.

Combining light, motion, and storytelling, it creates a dynamic dialogue between artefacts and visitors. Through the touchscreen, users explore details, 3D reconstructions, and contextual content beyond the limits of traditional display cases.

Visitors navigate freely at their own pace, discovering the stories and significance behind each object.

Explore variations

Available in multiple sizes, it adapts seamlessly to any space, allowing each institution to create a unique, interactive experience for its visitors.



Features

Environmental Sensors outside the showcase

- Temperature
- Humidity
- Barometric pressure
- Carbon Dioxide (CO₂)
- Air quality

Multitude of sensors inside the vitrified showcase

- Temperature
- Humidity
- Barometric pressure
- Carbon Dioxide (CO₂)
- Air quality
- Ultra Violet (UV)
- Showcase opening with audit logs (date and time, duration)
- Intrusion detection by vibration
- Weight sensor to detect absent exhibits
- Cameras for close-up exhibits monitoring

Music, sound, vocal output by:

- Soundshower
- Headphones

Interconnectivity

- Ethernet connection

Adaptive orchestration engine

- Each showcase includes a local orchestration module that continuously analyzes sensor data and visitor context to determine its operating mode (standby, pre-activation, active display, preservation, or alert).

Energy-aware behavior

- Lighting and display intensity automatically adapt to visitor presence, ambient brightness and exhibit sensitivity (reduction of energy consumption and UV exposure).

Preservation-aware behavior

- Internal sensors ensure the climatic stability recommended by museum standards (EN 15757 / ASHRAE). The showcase can automatically dim lights or trigger ventilation when thresholds are exceeded.

Predictive maintenance

- Logged anomalies (temperature drift, shock, humidity, or missing object) are transmitted to the monitoring system for preventive maintenance.

Backend

- Web based, real-time monitoring of all vital parameters of all showcases. Alerts in case of fault.
- Statistics of interaction.

Reliability and durability

- Designed for heavy long-term use integrating industrial grade components only.