

# A Leader in Museum Data Management and Smart Navigation Solutions

## About MobileMS

MobileMS is a technology company dedicated to the cultural sector, with a proven track record of providing comprehensive data management solutions for museums. Our Muza system is implemented in major national museums across Poland, helping them manage collections, streamline workflows, and enhance visitor experiences.

## MUZA System Overview

Muza is an advanced museum management system that supports a wide range of internal operations:

- **Workflow Automation:** Centralized management of museum processes such as exhibitions, cataloging, digitization, and object movements, providing transparency and efficiency.
- **Task Management:** Real-time tracking of task progress, automated notifications, and flexible task status updates facilitate smooth team operations.
- **Object Registers:** Comprehensive tracking and management of museum collections, including object reservation, conservation status, and data history.
- **Data Migration:** Seamless transfer of data from other museum systems, ensuring data integrity and compatibility.
- **Artificial Intelligence Integration:** The system includes tools for automatic description generation, language translation, and conservation analysis, leveraging AI for enhanced data handling and insights.
- Muza's automation capabilities allow museums to efficiently handle complex projects, while its AI-driven features support museum staff in daily operations, from exhibition planning to interactive visitor experiences.



# MobileMS

Established in 2008, the company employs a team of around 30 professionals dedicated solely to executing projects for the public sector.

Location: Łódź, Poland

Website: [mobilems.pl](http://mobilems.pl)

Sector: Digital Technology for Culture and Public Institutions



## R&D Initiatives: IMW and MSNavigator Projects

MobileMS actively participates in cutting-edge research and development projects:

- **IMW (Intelligent Monitoring System)** – A collaboration involving MobileMS and industry partners, the IMW project aims to develop an intelligent monitoring solution for rail containers. This system uses sensor networks and AI-driven analytics to detect faults, predict maintenance needs, and optimize logistics operations. IMW is designed to enhance transport safety and reduce operational costs
- **MSNavigator** – This project focuses on developing an advanced indoor navigation system using AI and sensor fusion technology, primarily for visually impaired users. MSNavigator provides precise, one-meter accuracy in indoor settings and offers personalized navigation routes, context-aware guidance, and interactive content, significantly improving accessibility in public buildings.

We bring extensive experience in data enrichment and database management, handling collections of several million records. Our MUZA system and tools enable comprehensive data quality improvement through **advanced indexing, hierarchical dictionaries, duplicate detection, data standardization, and bulk modifications**. These features ensure structured, unique, and easily manageable data collections. Additionally, we support **data migration with AI-driven enrichment tools** that enhance data quality throughout the migration process.

## Ambitions and Vision: MUZA AI Integration

MobileMS is committed to utilizing AI and machine learning technologies to transform the museum sector:

**Personalized Visitor Experiences:** AI-driven guides offer tailored tours based on visitor preferences, with interactive features such as quizzes and games that make every visit unique.

**Enhanced Collection Management:** AI tools assist in generating descriptions, detecting conservation issues, and automating data input, improving operational efficiency.

**Exhibition Support:** AI supports the entire exhibition lifecycle, from thematic planning to visitor feedback analysis, generating educational content and adapting dynamically to visitor interactions



## Why Partner with MobileMS?

- Expertise in Museum Management: The Muza system is trusted by Poland's leading museums, providing advanced data solutions that meet the highest industry standards.
- Innovative R&D Projects: MobileMS is actively involved in projects like IMW and MSNavigator, showcasing our capacity to develop state-of-the-art technologies that serve public institutions and the culture sector.
- Comprehensive AI Solutions: We focus on developing intelligent tools that assist museum professionals and enhance visitor engagement, leveraging the latest in AI-driven technology.
- MobileMS combines expertise in digital transformation with a forward-thinking approach to R&D, making us an ideal partner for innovative projects in data enrichment, cultural heritage management, and accessibility solutions.
- We have extensive experience in training public cultural institutions both online and on-site, as well as insights into developing Business Model Canvas and value propositions

