

# **PROJECT DOCUMENTATION**

**HUN-TEC GmbH**  
**TOLDI RICHÁRD**

# ADDRESS MANAGEMENT

Created By:  
**Richárd Toldi**  
**HUN-TEC GmbH**  
<https://hun-tec.de/>

## Index

<b>INTRODUCTION .....</b>	<b>1</b>
<b>WHY IS IT NECESSARY .....</b>	<b>3</b>
<b>1. USER GUIDE .....</b>	<b>5</b>
1.1 WELCOME PAGE .....	5
1.2 ADDRESS REGISTRATION PAGE .....	6
1.3 ADDRESS MANAGEMENT PAGE .....	9

## INTRODUCTION

Our cross-platform address management application is a comprehensive solution designed to efficiently handle and organize addresses for businesses and individuals. Accessible from mobile devices, PCs with web browsers, and any platform with internet connectivity, this application aims to simplify address management tasks and streamline daily operations.

### Key Features:

#### 1. Smart Address Input:

The application employs an intelligent address search feature. When users start typing an address, the system swiftly fetches exact details, eliminating manual data entry errors.

#### 2. Address Categorization:

Addresses can be categorized into various groups such as project addresses, employee addresses, and meeting locations, allowing for easy sorting and organization.

#### 3. Mini-Map Functionality:

The minimap displays addresses visually, providing users with a clear representation of their locations. Users can also check their current position and navigate to desired destinations effortlessly.

#### 4. Address Details:

The application stores essential address details, including contact information and customizable notes. Users can modify, delete, or share address information via email or Teams message.

#### 5. Language Support:

To accommodate diverse users, the app offers multilingual support, with options for English, German, and Hungarian languages.

#### **6. Integration with ERP Systems:**

Seamlessly integrates with existing ERP systems with dataverse, allowing addresses to be associated with employees, customers, and projects, optimizing overall business processes.

#### **7. Standalone Functionality:**

The address management application functions independently, serving as a powerful standalone tool for efficient address handling.

#### **8. Advanced Search and Tagging:**

Users can perform advanced searches, assign titles, and add notes to addresses for better organization and easy retrieval.

### **Usage**

The address management application can be used in various scenarios:

Businesses can integrate it into their existing ERP systems with dataverse to enhance customer, employee, and project data management.

Individuals can utilize it as a standalone tool to efficiently handle personal addresses and navigate to desired locations.

### **Conclusion:**

Our cross-platform address management application offers unparalleled convenience and efficiency in address handling. With smart search capabilities, categorization options, and seamless integration, it empowers businesses and individuals to manage their addresses effortlessly. By supporting multiple languages, the app ensures smooth communication across diverse user groups.

For more information or to request a demo, please contact us.

## WHY IS IT NECESSARY

The cross-platform address management application can be incredibly useful for both companies and individuals due to its numerous benefits and functionalities:

1. **Efficient Data Management:** The application streamlines address input and categorization, making it easier for businesses to manage and organize customer, employee, and project addresses. It ensures accurate and up-to-date address information, reducing errors and improving overall data quality.
2. **Seamless Integration:** The application's compatibility with existing dataverse based Power platform ERP systems allows businesses to integrate address data seamlessly, enhancing overall business processes. This integration enables quick access to address information and facilitates better decision-making.
3. **Time and Cost Savings:** With the app's intelligent search and automatic address details retrieval, employees can save time on manual data entry tasks. This efficiency results in cost savings for the company and allows staff to focus on more critical aspects of their work.
4. **Enhanced Communication:** By offering language support in multiple languages, the application facilitates communication across diverse teams and customers. This feature can be particularly valuable for businesses operating in international markets.
5. **Improved Navigation:** The mini-map functionality assists employees who frequently travel to different locations for meetings or projects. It helps them find addresses and navigate efficiently, reducing the risk of getting lost and ensuring timely arrivals.
6. **Search and Tagging:** The advanced search and tagging capabilities enable individuals to categorize addresses based on specific criteria, making retrieval quicker and more efficient.
7. **Data Security:** The application ensures the security of personal address information, protecting sensitive data from unauthorized access.
8. **Data Sharing:** The application's capability to share address details via email or Teams message enables easy collaboration and data sharing between team members, departments, or external stakeholders.

9. **Data Protection:** Cloud service providers like Microsoft Azure offer robust security measures to protect data from unauthorized access, data breaches, and other threats. They implement encryption, access controls, firewalls, and other security mechanisms to safeguard the data stored within their cloud environments.
10. **Data Storage:** The application's backend is responsible for securely storing and managing the address data in the cloud. Cloud providers like Microsoft Azure ensure high availability, scalability, and redundancy, so users can access their address information reliably from anywhere at any time.
11. **Data Availability:** Cloud-based solutions, such as those provided by Microsoft, offer high availability and uptime, meaning the application and its data are accessible to users around the clock. Users don't need to worry about data backups or server maintenance, as the cloud provider handles these aspects.
12. **User Privacy:** Cloud service providers comply with strict data protection regulations, such as GDPR (General Data Protection Regulation) in the European Union. They take measures to ensure user privacy and allow businesses to control and manage user data in compliance with relevant data protection laws.

By leveraging cloud services from reputable providers like Microsoft, the address management application can offer a secure and user-friendly experience for both businesses and individuals. Users can focus on utilizing the application's features and functionalities without having to deal with the technical aspects of data protection, storage, and availability.

## 1. USER GUIDE

### 1.1 WELCOME PAGE




The welcome page features the logo of Hun-Tec GmbH company, which, upon clicking, opens the company's website.

The application simplifies user registration, automatically determining whether the user is new or returning when accessing the first page. For new users, the application seamlessly registers them into the database. Optionally, the application can include a feature to configure standard user settings, which can be provided upon request. These settings can be preconfigured by the leader or manager within the application, tailored to meet specific user requirements.

After the welcome page, the first page of the application serves as the address registration page, allowing users to save new addresses into the Dataverse database.



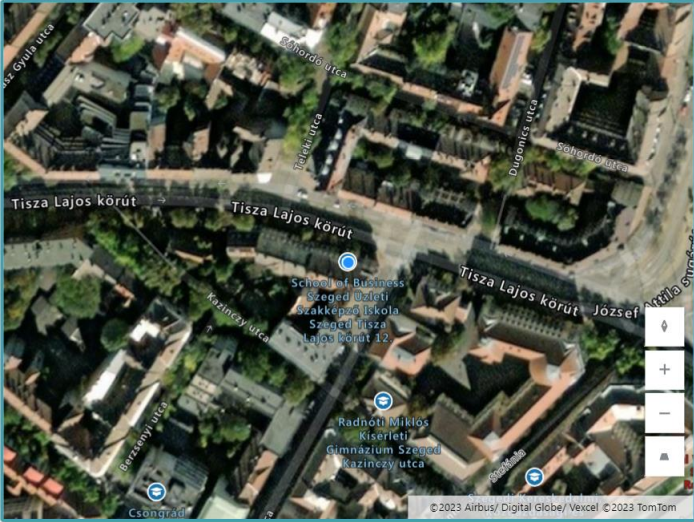
## 1.2 ADDRESS REGISTRATION PAGE



Neue Adresse

DE

Szeged Tisza Lajos körút 12 6721



Adressdaten

Straße: Tisza Lajos körút

Nummer: 12

PLZ: 6721

Stadt: Szeged

Bundesland: Csongrád

Länderkürzel: HU

Land: Hungary

Mitarbeiter

Kay address

Tür 12, Telefon: +36 1452 5465

Speichern


Adressen

Our application empowers users to search addresses from a global database, eliminating the need for manual data entry. Say goodbye to filling in every detail, including longitude and latitude for local finds. Enjoy a streamlined experience that saves you time and reduces errors.

Personalize your address entries with ease! Provide unique names to addresses for faster search and improved identification. Assign categories to addresses for efficient filtering and effortless organization, tailored to your preferences.

Capture crucial information effortlessly. The address management enables you to add notes to addresses, whether it's contact names, phone numbers, floor or door details, or any essential context. Stay informed and keep everything in one place.

The program incorporates advanced data validation to ensure data accuracy and integrity. Before saving an address, our system verifies the completeness and correctness of the information, preventing incomplete or inaccurate entries.

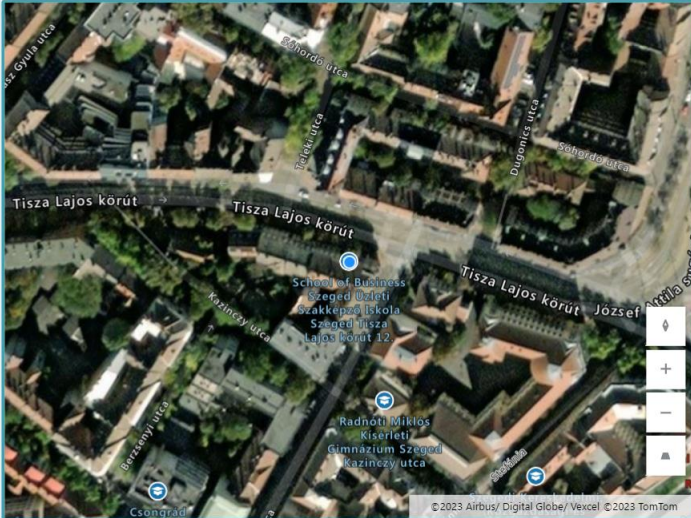


Neue Adresse

DE

▼

Szeged Tisza Lajos körút 12 6721



Adressdaten

Straße:

Tisza Lajos

Nummer:

12

PLZ:

6721

Stadt:

Szeged

Bundesland:

Csongrád

Länderkürzel:

HU

Land:

Hungary

Mitarbeiter

▼

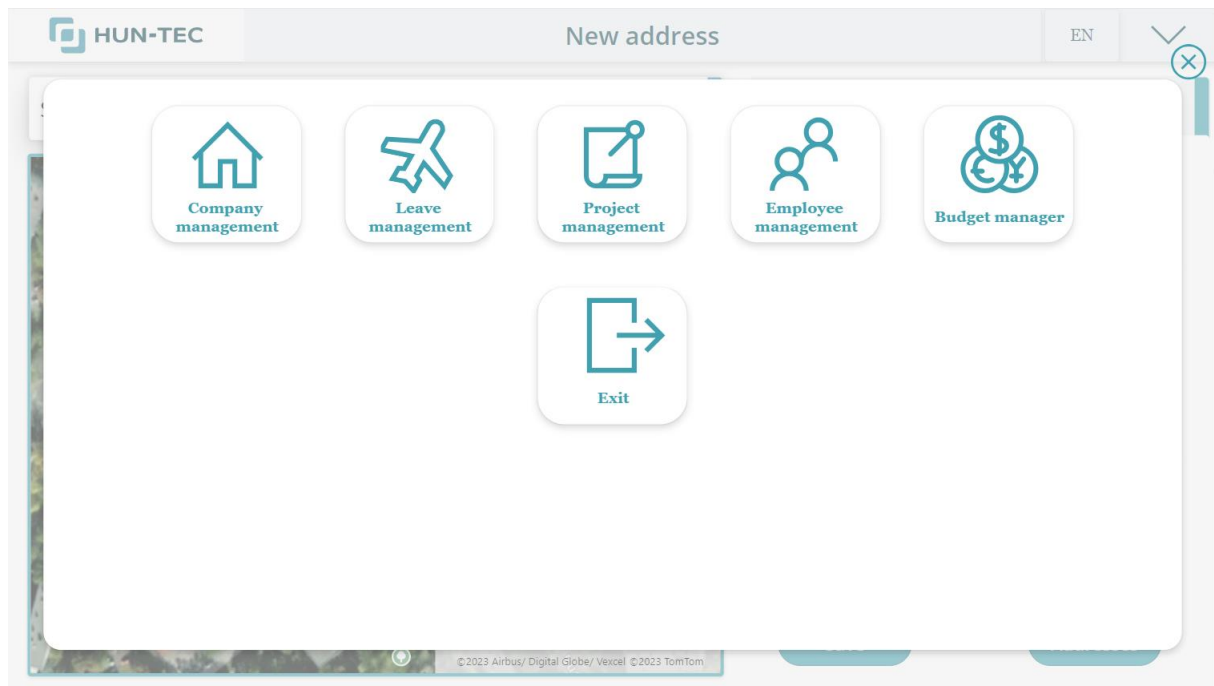
Kay adress

Tür 12, Telefon: +36 1452 5465

Speichern

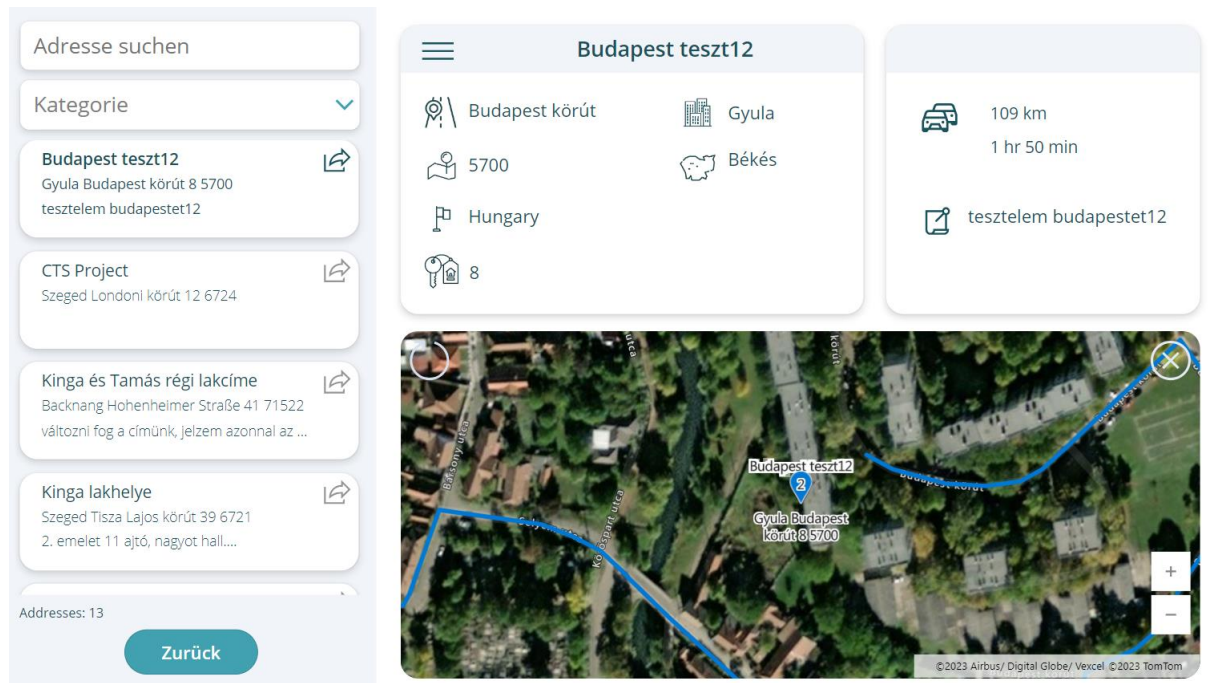
Adressen

Our address management application is designed to cater to diverse users. Choose from German, English, or Hungarian language options, offering a personalized experience in your preferred language.



As part of a comprehensive ERP ecosystem, our address management application seamlessly integrates with other modules like employee management, customer management, and leave management. Enjoy a unified data flow and a holistic organizational overview.

## 1.3 ADDRESS MANAGEMENT PAGE



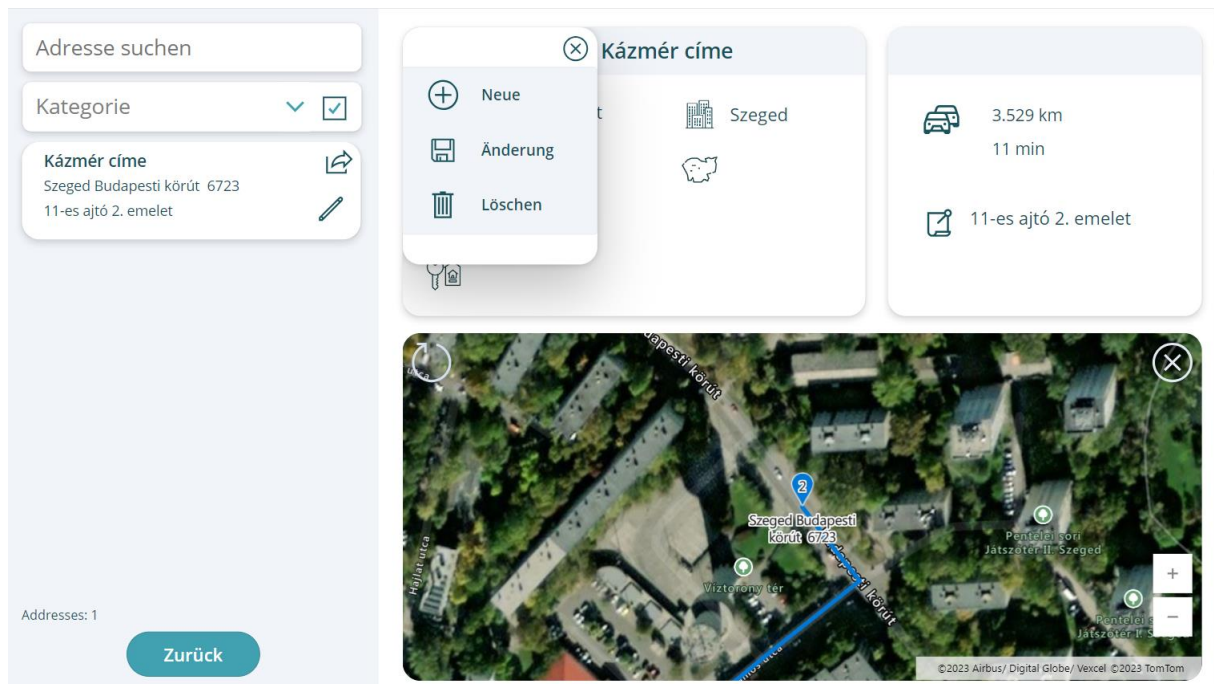
The Address Manager page displays a comprehensive list of all your saved addresses. Easily view complex addresses, the personalized titles or given names you assigned to them, and any important notes you added for quick reference. Say goodbye to sifting through stacks of papers; our intuitive list format ensures your addresses are neatly organized for easy access.

Navigating through your address book is a breeze with the app. The search function allows you to quickly find addresses by title, ensuring you can locate specific entries with ease. Additionally, you can filter addresses by their assigned categories, streamlining your address management by grouping them accordingly.

Selecting an address from the list reveals a detailed view on the right side of the page. Here, you'll find the complete address details, allowing you to verify every piece of information at a glance. Whether it's a residential, office, or meeting address, rest assured that our Address Manager provides a comprehensive overview.

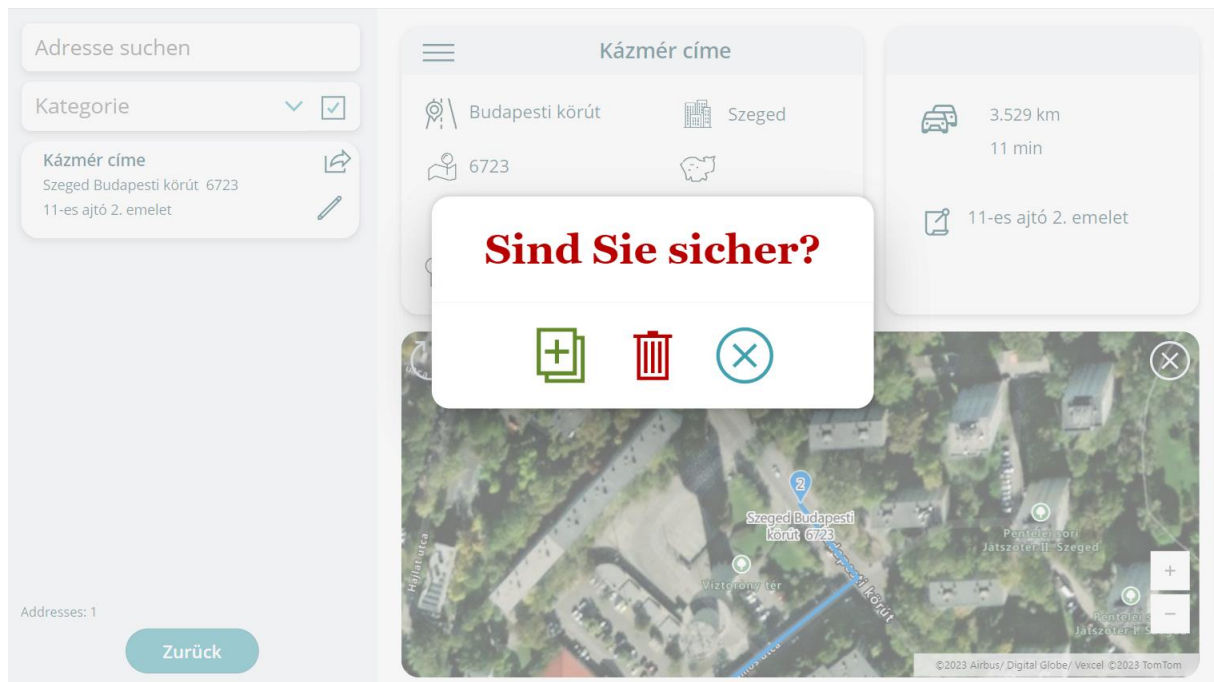
Our application goes beyond conventional address management. Our application incorporates advanced features, including real-time distance and time calculations between your current location and the selected address. Easily gauge the proximity and estimated travel time, so you can plan your day efficiently and stay on top of your schedule

To enhance your navigation experience, the software features an interactive minimap display. The map showcases the location of the selected address, providing a visual representation of the surrounding area. Seamlessly switch between map views to get a clearer picture of your address's surroundings.



We understand the importance of providing leaders and managers with the necessary tools to maintain control and facilitate seamless collaboration within their teams. With our Address Manager, leaders and managers are empowered to modify or delete selected addresses, ensuring data accuracy and team coordination.



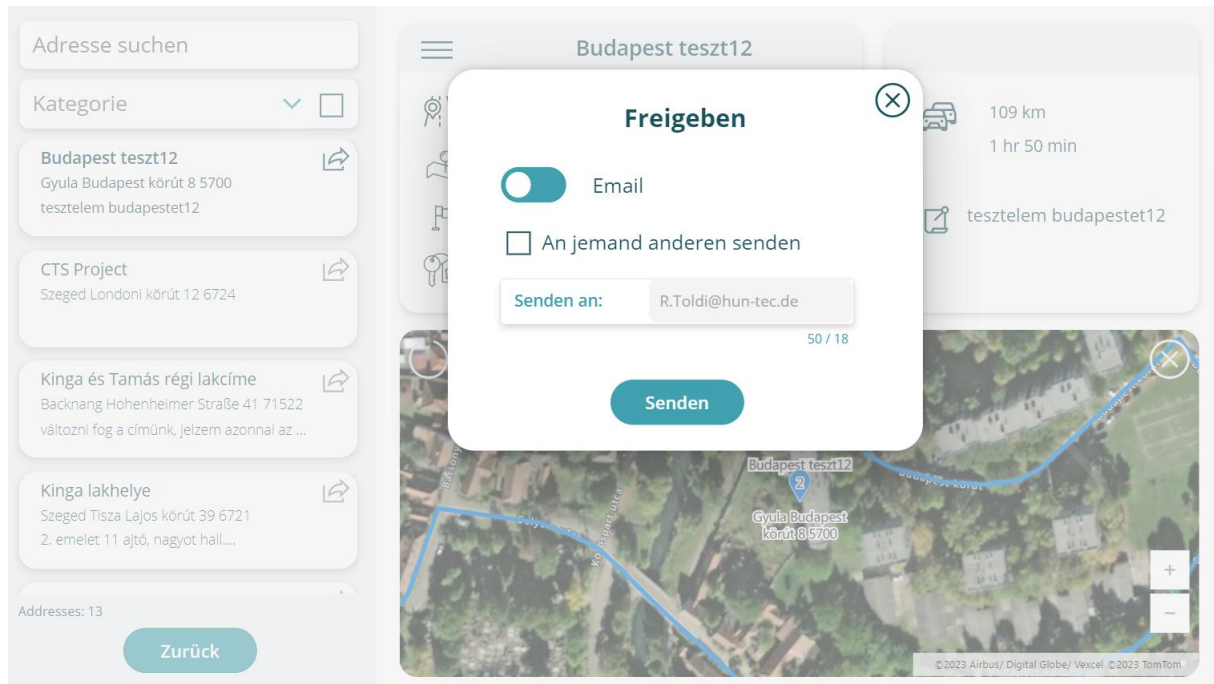


We prioritize data security and prevent accidental data loss. When an address is deleted from the list, it receives a "deleted" status, indicating that it is marked for removal. However, to prevent any data loss from mistaken deletions, the final deletion from the database requires a separate step, which is solely under the control of leaders and managers.

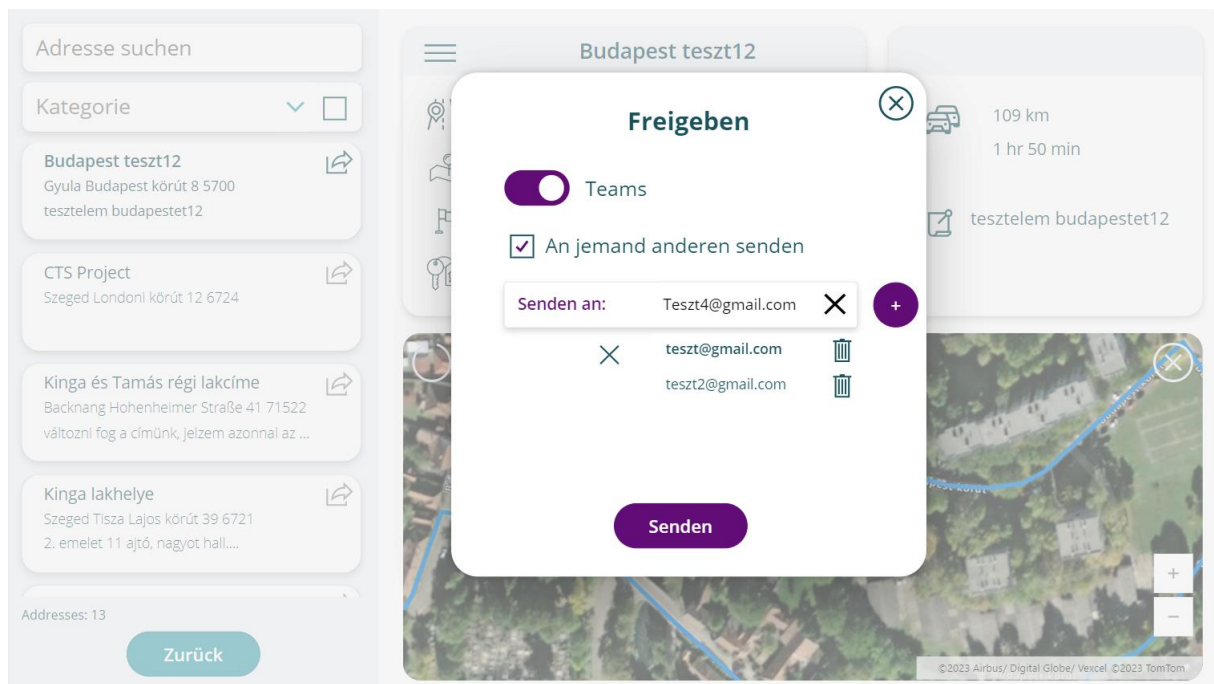
Transparency is key to successful teamwork. With a simple checkbox located near the category selection field, leaders and managers can easily access deleted addresses, ensuring full visibility into the address history and facilitating informed decision-making.

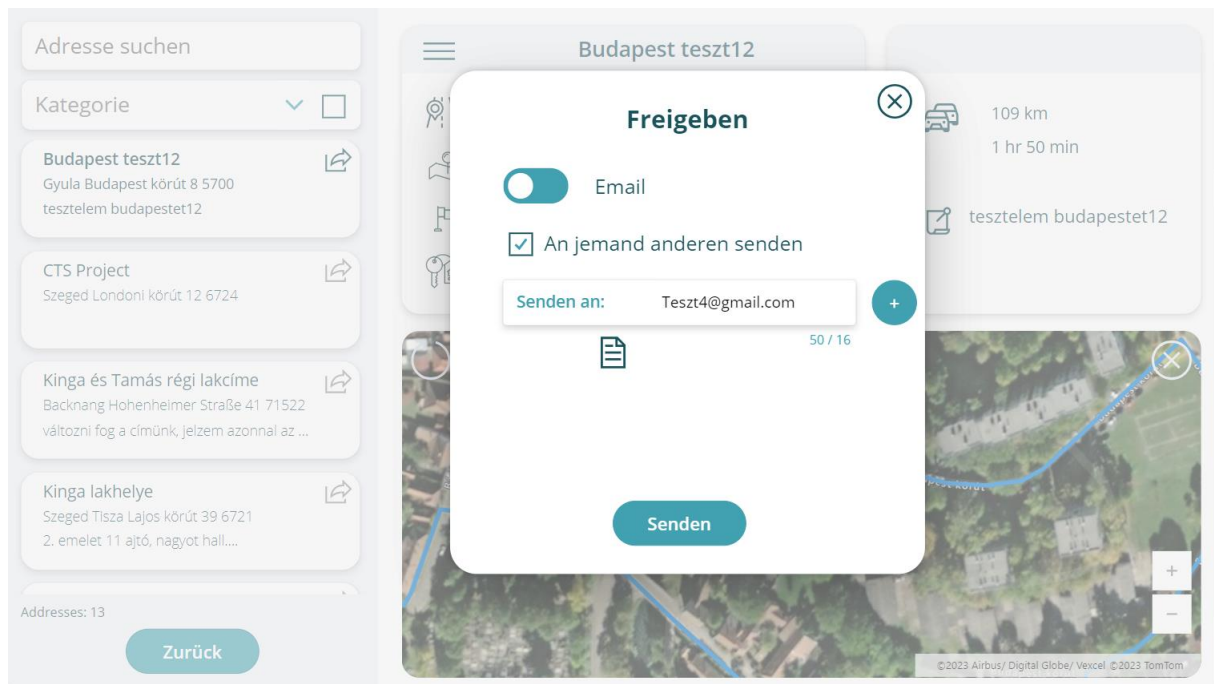
Application streamlines the experience for subordinates, allowing them to concentrate on their core responsibilities. Subordinates do not have visibility into deleted addresses, removing distractions and maintaining a focused work environment.

Address recovery is a secure process, safeguarding against unintended data deletions. By requiring leaders and managers to finalize deletions from the database, The software ensures that sensitive data remains intact and provides peace of mind to all users.



Users can select a specific address from their list and instantly send it to their email address or Teams message with just a few clicks.





Gone are the days of limited sharing options. The application allows users to send addresses to multiple email addresses simultaneously. Whether you want to share an address with a group of colleagues or clients, our application facilitates seamless communication with all the relevant parties.s