

Take a Look at Your Infrastructure through the Eye of Augmented Reality

ARAM - Augmented Reality for Asset Management

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About Us





With Unicorn's IT solutions and services our customers gain an edge by exploiting the potential of modern IT technologies and innovations to support their business.

- Custom Solutions
- Vertical Solutions
- Skills & Resources
- Banking & Insurance
- Energy & Utilities
- Manufacturing & Trade

More than **300 EUROPEAN
INDUSTRY LEADING COMPANIES**

trust **Unicorn** as their long-term reliable IT partner thanks to its
flexibility and capability to deliver.

Know-how



Geoinformatics in business

Together with our **customers** we execute a **transformation** in their field of **business**.



GEOINFORMATICS is something we **understand** and **enjoy**! **HSI** brand offers **YOU** solutions and services from **geoinformatics** domain for more than **25** years.

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GEODESY & DESIGNING	ENERGETICS	TELE COMMUNICATIONS	GAS	WATER	HEATING
PRODUCTION SITES	FACILITY MANAGEMENT	TRANSPORT	STATE ADMINISTRATION	UNIVERSITIES	MINING

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Trendy Solutions



Technical-operational and
geographic information systems



Asset management and facility
management information systems



Software for capturing, processing
and management of spatial data

We **integrate** business, **geo-processes** and **IT benefits!**

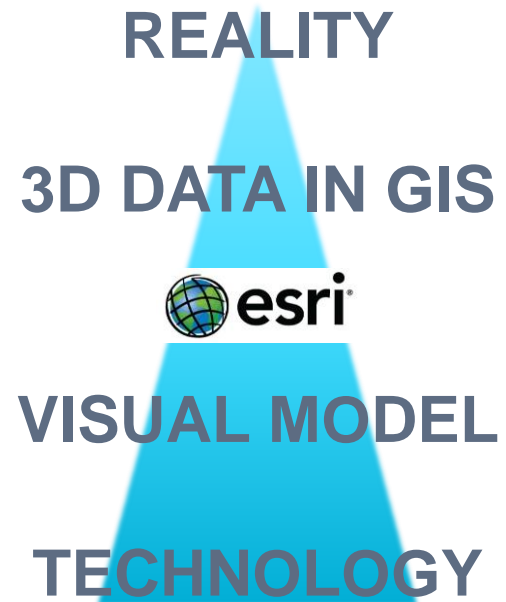
Our **focus** is **comprehensive delivery** of professional
graphic-oriented systems, including **long-term support**
and other related **services**.



What is the future way of working in the field?



Department of network management and operations with
a field worker of the future...



... and his perspective of infrastructure view

Where AR/VR Helps in Business?

- Preparation and realization of **trenching**
 - Visualize effectively
 - Consult an actual situation
- Support for **network delimitation** and **localization** in a field
 - Delimit and mark network routes
- Network **conception and planning**
 - Search for a local context
 - Leverage information from cadaster
 - Use technical geodata
- **Technical supervision** of the construction
 - Monitor and validate progress



Clear and real visual perception



Effective process



Time savings



Lower operational costs



1 **Grab your mobile device**
(tablet, mobile or hololens) with
fresh data

2 **Locate the area of interest**
and navigate there

3 **Inspect Your network**
infrastructure on the map

4 **Switch to augmented reality**
view

5 **Calibrate the scene**

6 **Execute your business**
scenario or consult the current
situation

100

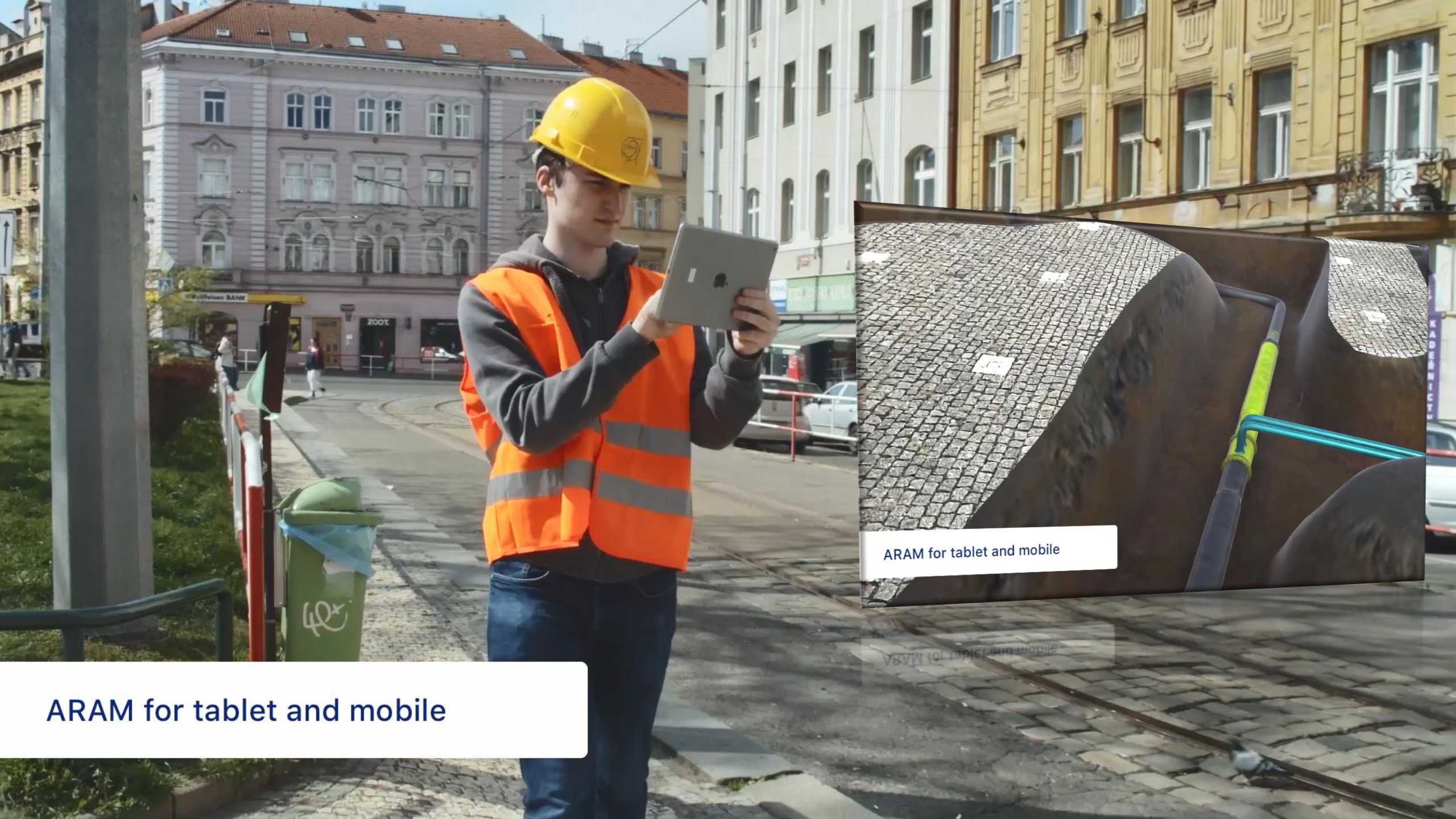


ARAM for Microsoft Hololens



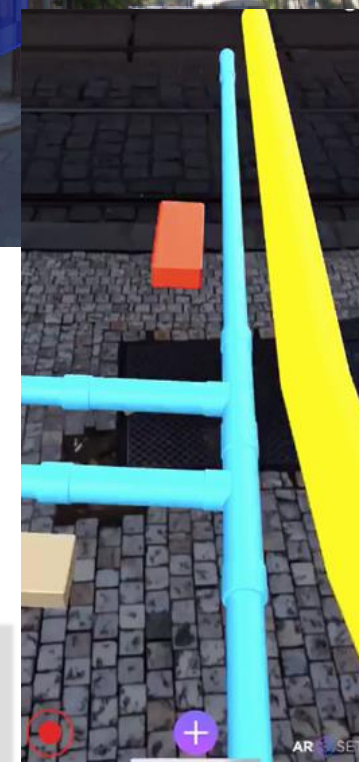
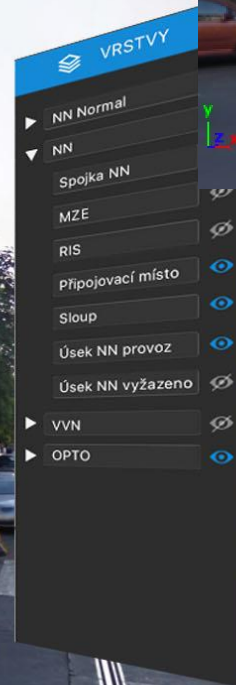
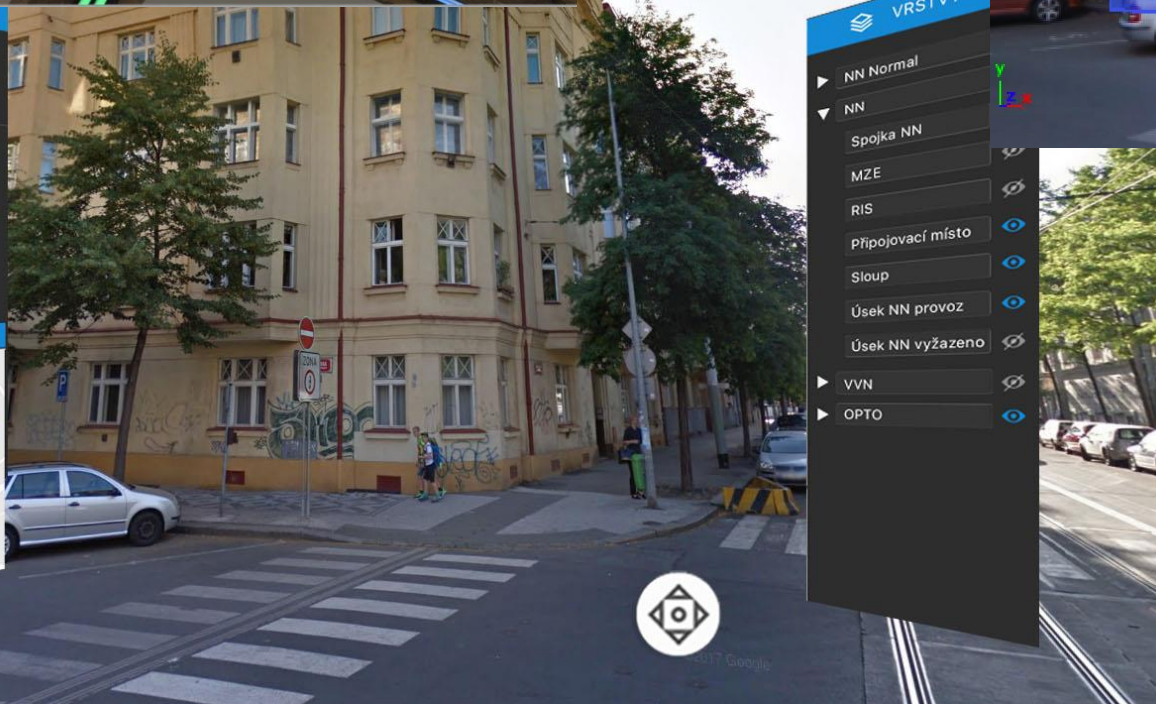
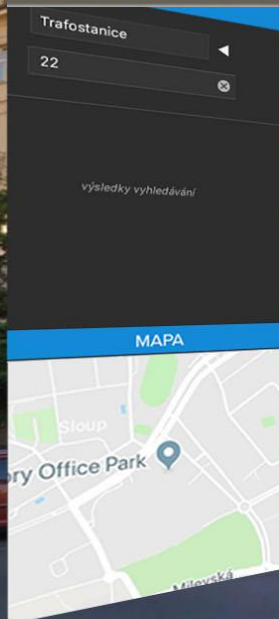
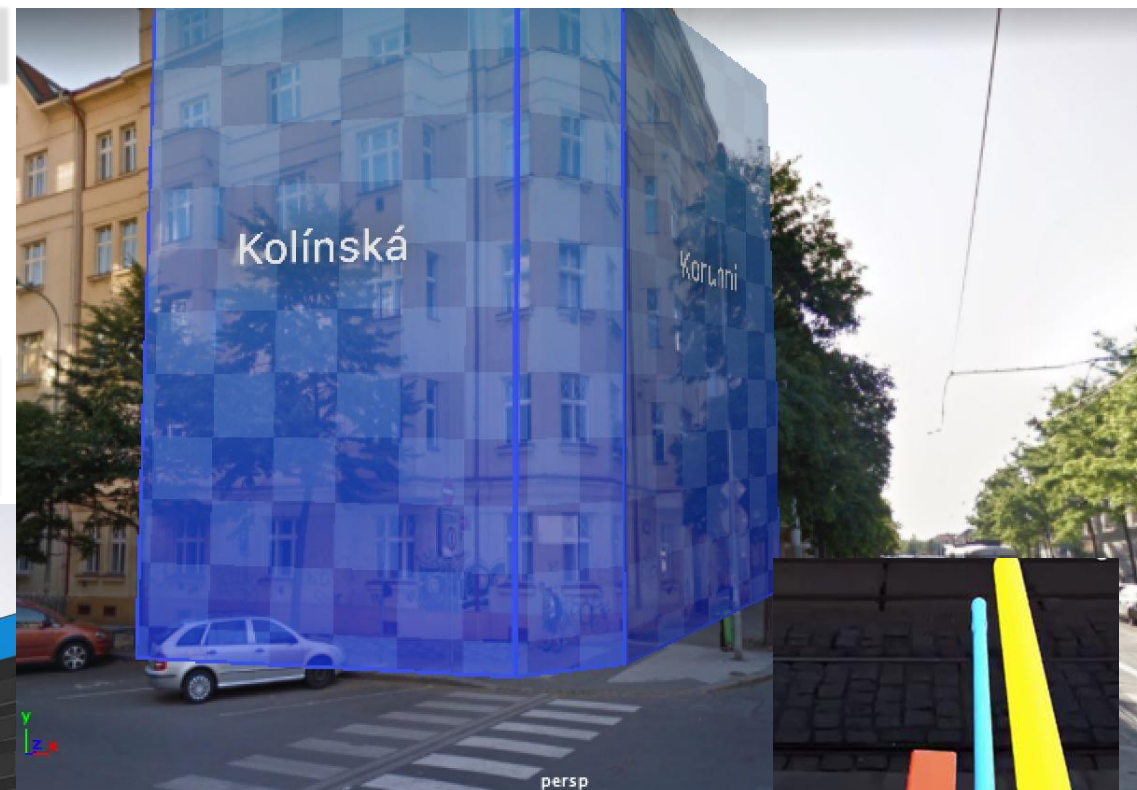
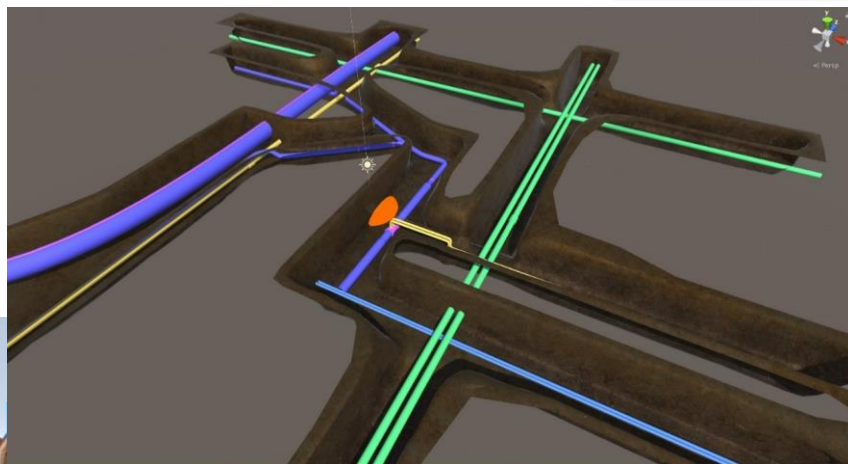
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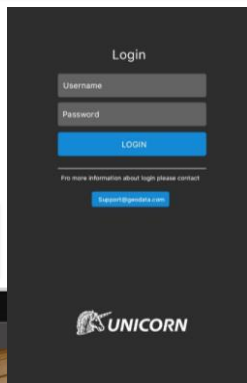


ARAM for tablet and mobile

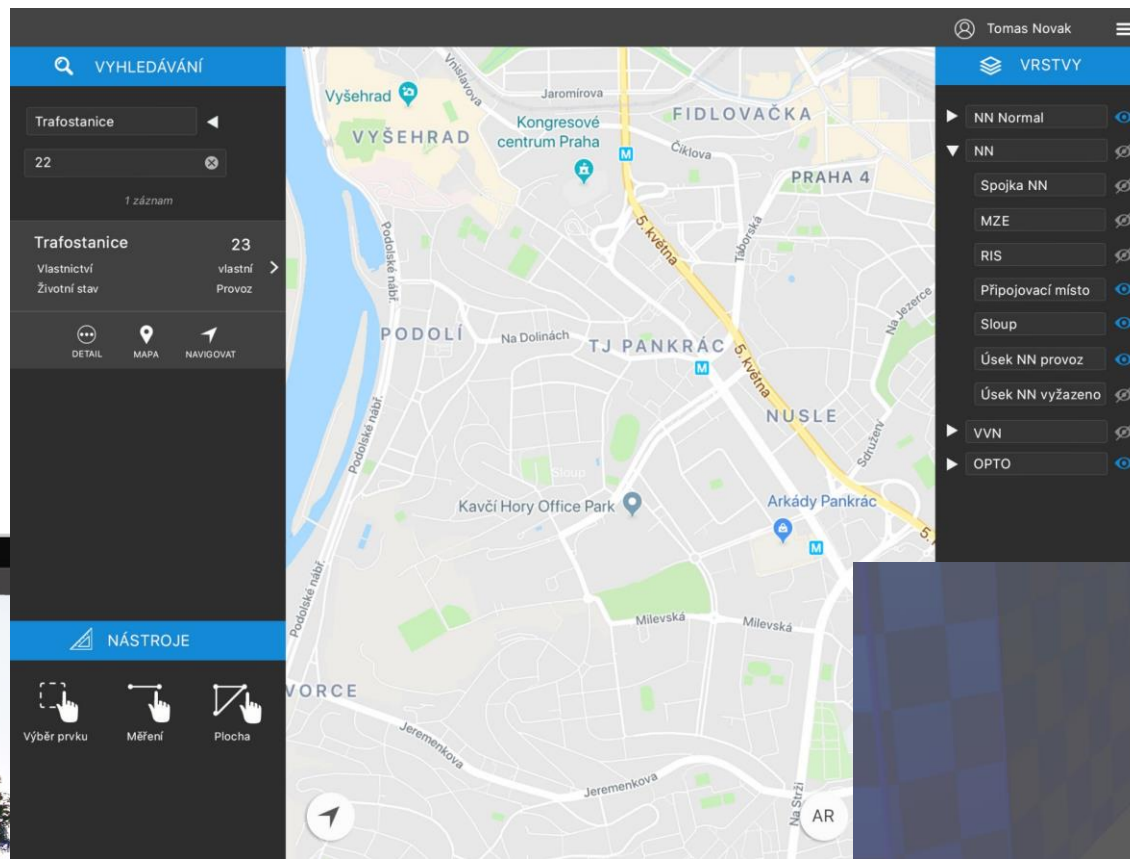
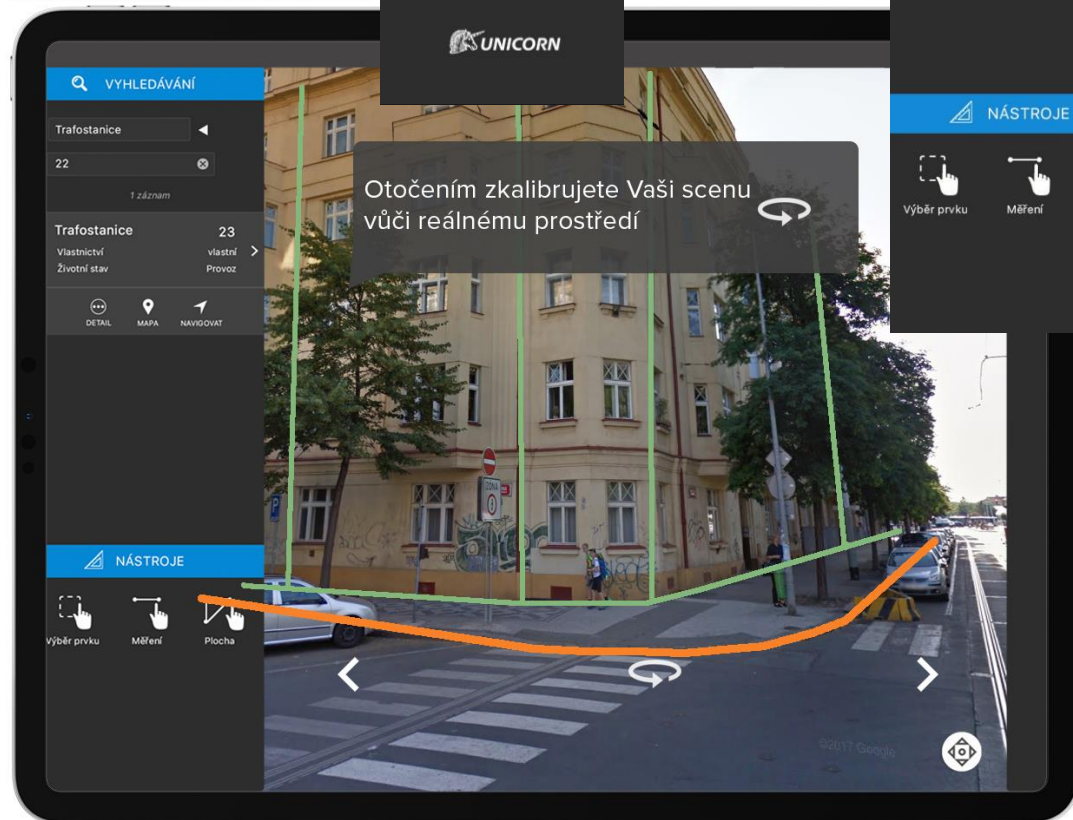
ARAM for tablet and mobile



Responsiveness



Calibration



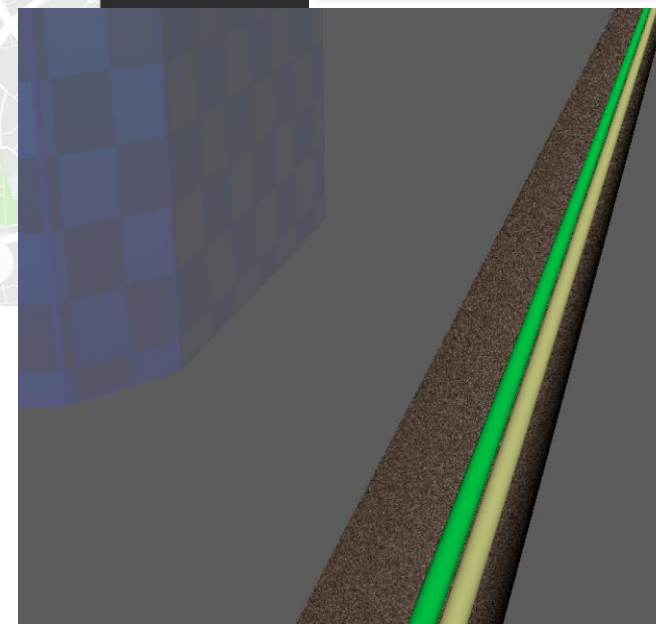
Map View

Identification

Localization

Measurements

Augmented Reality View



Visualization

■ Thank You

