

AI for Mobility

Skyrocket your passenger experience & operational efficiency with Artificial Intelligence.

Explore these customer-centric and operational use cases to take your organization to the next level:

1 AI for top-notch passenger experience

What your passengers want

To know what are the best means of transport for a certain scenario

To know how delayed the transport will be

To know how busy the transport will be

To use social media as a space to express their concerns & wishes

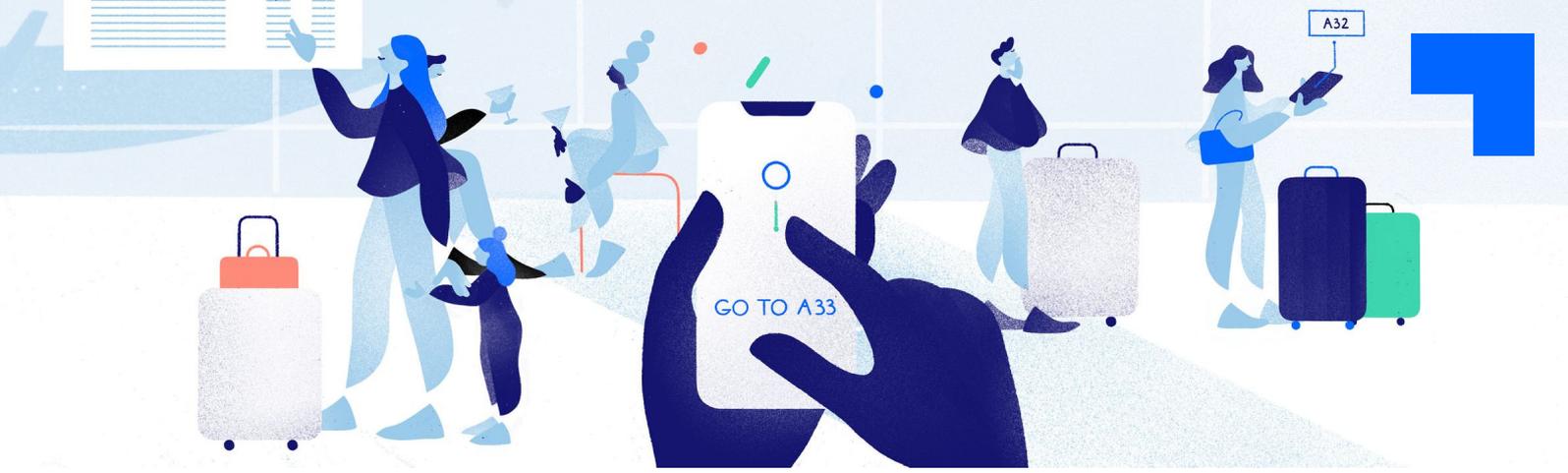
AI use case

— Provide real-time recommendations for the users to obtain the best travelling schedule

— Predict potential delays with a time-series forecasting model

— Predict expected passenger volumes with a time-series forecasting model

— Leverage scraped social media data to analyze user concerns and to address them



2 AI for smooth and efficient operations

What your operations need	AI use case
To minimize overcrowding risks & provide safe travel	— Predict passenger volumes with time-series forecasting
To plan staff allocation for stations, vehicles and other units	— Do operations research for optimizing resource allocation, time-series forecasting for occupation, and adapting staffing accordingly
To detect objects on tracks, graffiti, etc.	— Detect objects with Computer vision
To diagnose technical issues automatically	— Use Computer vision on infrastructure to detect issues or predict breakdowns by classifying sensor data
To know where all your vehicles and other utilities are	— Locate your assets by clustering and interpolation on geolocation data

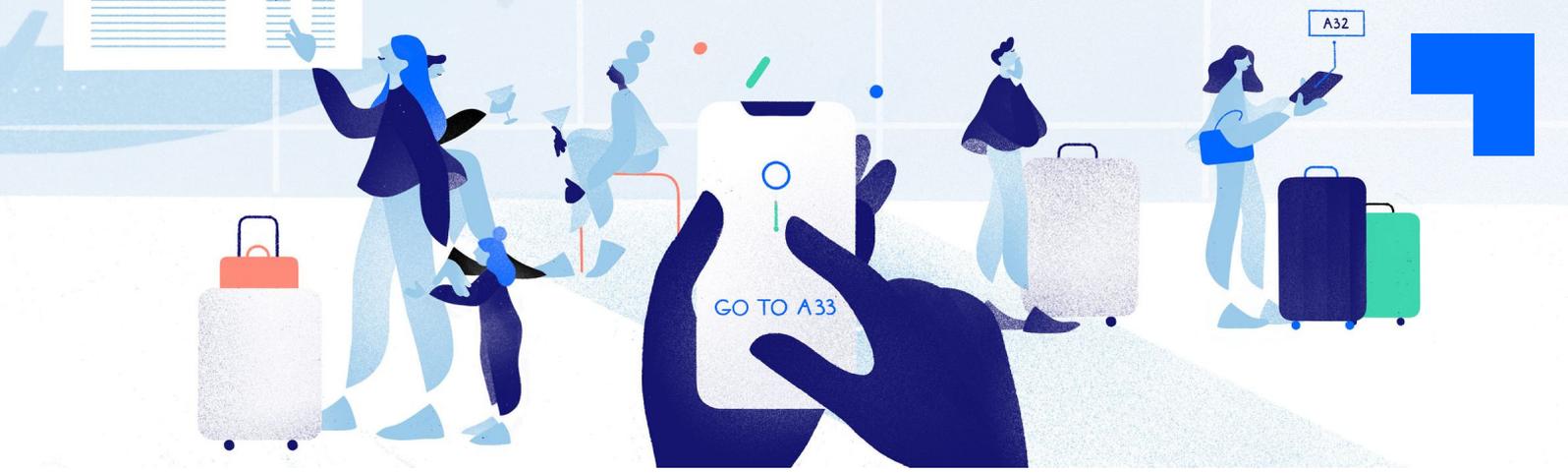
Radix use cases



Here's how we helped Brussels Airport reach 95% customer satisfaction on luggage retrieval.



Here's how we helped NMBS tackle overcrowding and make their planning more efficient.



What kind of data do you need for an AI project?

Take a look at how we can make these projects come to life:

You want to:	Data needed:
Analyse social media	Scraped social media based on your application
Prevent overcrowding	Aggregated requests from passengers planning their trips and/or other relevant data such as weather data, event data, etc.
Forecast delays	Logs of historical delays & external data (weather, electricity outages, train infrastructure)
Recommend the best means of transport	Historical data on delays and crowding of each means of transport, which needs to be logged by the company
Obstacle and graffiti detection	Image data of obstacles and graffitis, live image analysis at certain locations (e.g. using cameras)
Technical issues diagnosis	Signal data of both defect and well-functioning engines over time

Ready to take your travel to the next level?

Book a call with us.



Who is Radix?

We are an Artificial Intelligence agency.
We define, design and develop human-centred AI solutions.

Our mission is to help our clients grow and to improve people's lives. We empower organizations with AI, leading them to increased productivity and profitability. More on our website:
radix.ai

We are trusted by:



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