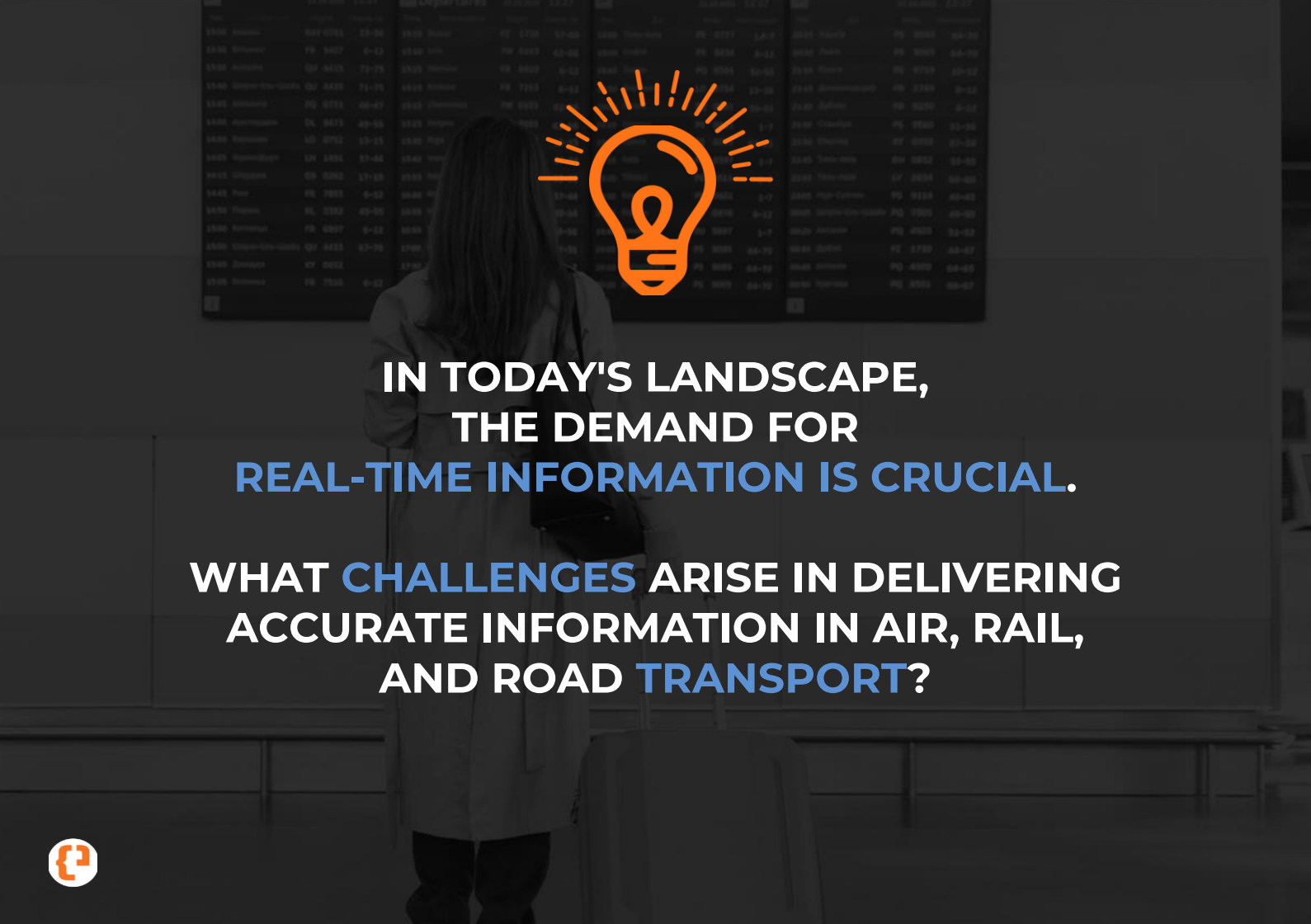
AVIS REDEFINES PASSENGER COMFORT

AUDIO VISUAL INFORMATION SYSTEM

AVIS

enetel SOLUTIONS



IN TODAY'S LANDSCAPE,
THE DEMAND FOR
REAL-TIME INFORMATION IS CRUCIAL.

WHAT CHALLENGES ARISE IN DELIVERING
ACCURATE INFORMATION IN AIR, RAIL,
AND ROAD TRANSPORT?

REAL-TIME INFORMATION IS ESSENTIAL TO PREVENT UNEXPECTED ISSUES

What is the Key Information for Air, Rail, and Road Passengers that needs to be provided?

1. Clear text and verbal Communication
2. Availability and consistency of Information
3. Timeliness of Information

AVIS TRANSFORMS PASSENGER EXPERIENCE WITH REAL-TIME INTELLIGENCE.

WANNA KNOW HOW?

AVIS SOLUTIONS:
EVERYTHING THAT PASSENGERS NEED FOR TRAVEL INFORMATION IN ONE PLACE

What information holds significance for travelers when consolidated in one place?

1

- Passenger information: Board (arrival and departure info) and audio messages (synthesized voice messages)

2

- Availability of Information in different parts: platform, track, lobby, gate
- Full compliance of published audio and board messages

3

- Instant notifications on boards with clear visuals.
- Dynamic real-time generation of audio messages for changes

AVIS OFFERS TAILORED DESIGN SOLUTION, REAL -TIME PRECISION IN PASSENGER INFORMATION, MULTILINGUAL TEXT-TO-SPEECH OPTIONS, COMPLIANCE MASTERY, AND RAILWAY-READY PRECISION, PROVIDING UNMATCHED ADVANTAGES.

TAILORED EXCELLENCE:

AVIS' FLEXIBLE DESIGN SOLUTIONS FOR UNIQUE NEEDS

Tailored Design Solution

AVIS's system offers real-time updates on schedules, delays, and routes through visual displays and voice notifications

Text-to-Speech Technology

AVIS uses cutting-edge text-to-speech tech for natural, announcements with user-friendly options

EU Regulatory Compliance

AVIS's automated messaging system ensures organized communication, and emergency notifications for passenger safety

Railroad-Specific Compliance

AVIS tailors real -time passenger information for transportation regulations using visual and voice messages, ensuring compliance

AVIS STANDS AS A TRANSFORMATIVE SOLUTION, SEAMLESSLY INTEGRATING TAILORED DESIGN, REAL-TIME PRECISION, AND ADVANCED TECHNOLOGIES TO ELEVATE THE PASSENGER EXPERIENCE.

AVIS SETS A NEW STANDARD IN PUBLIC TRANSPORT, REDEFINING THE WAY PASSENGERS NAVIGATE THEIR JOURNEYS

What are the Key Advantages of AVIS solution?

- Broadcasting of audio and visual messages in real-time and centralized information for passengers and dispatchers
- Complete system configurability and parametrization
- Openness for integration with external systems

AVIS

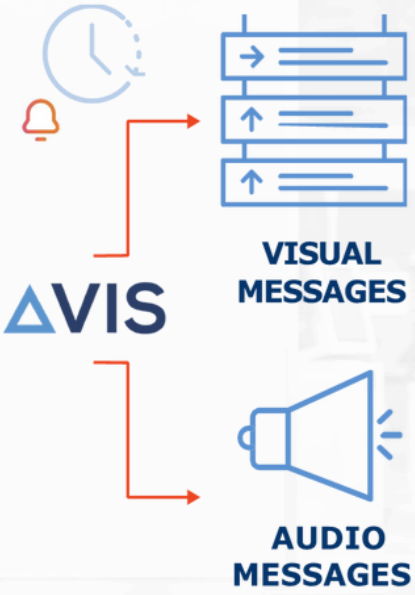
AVIS SOLUTION CONCEPT

SCHEDULED ORDER DRIVING

- Arrival time
- Time of departure
- Operator
- Number of tracks/
- platforms/gates
- Category
- Weekly driving schedule

REALIZED ORDER DRIVING

- Delay in arrival
- Delay in departure
- Shortening the route
- Cancellation of departure
- Change of track/ platform/gateway



MESSAGES ARE GENERATED BASED ON THE FOLLOWING INFORMATION

OVERVIEW OF SOLUTIONS - AUDIO MESSAGES

1

Automatic generation of audio messages based on scheduled and realized timetable; defining content, message priority and frequency

2

TTTS component for text-to-speech synthesis with built-in elements of natural intonation; the possibility of broadcasting on different sound zones

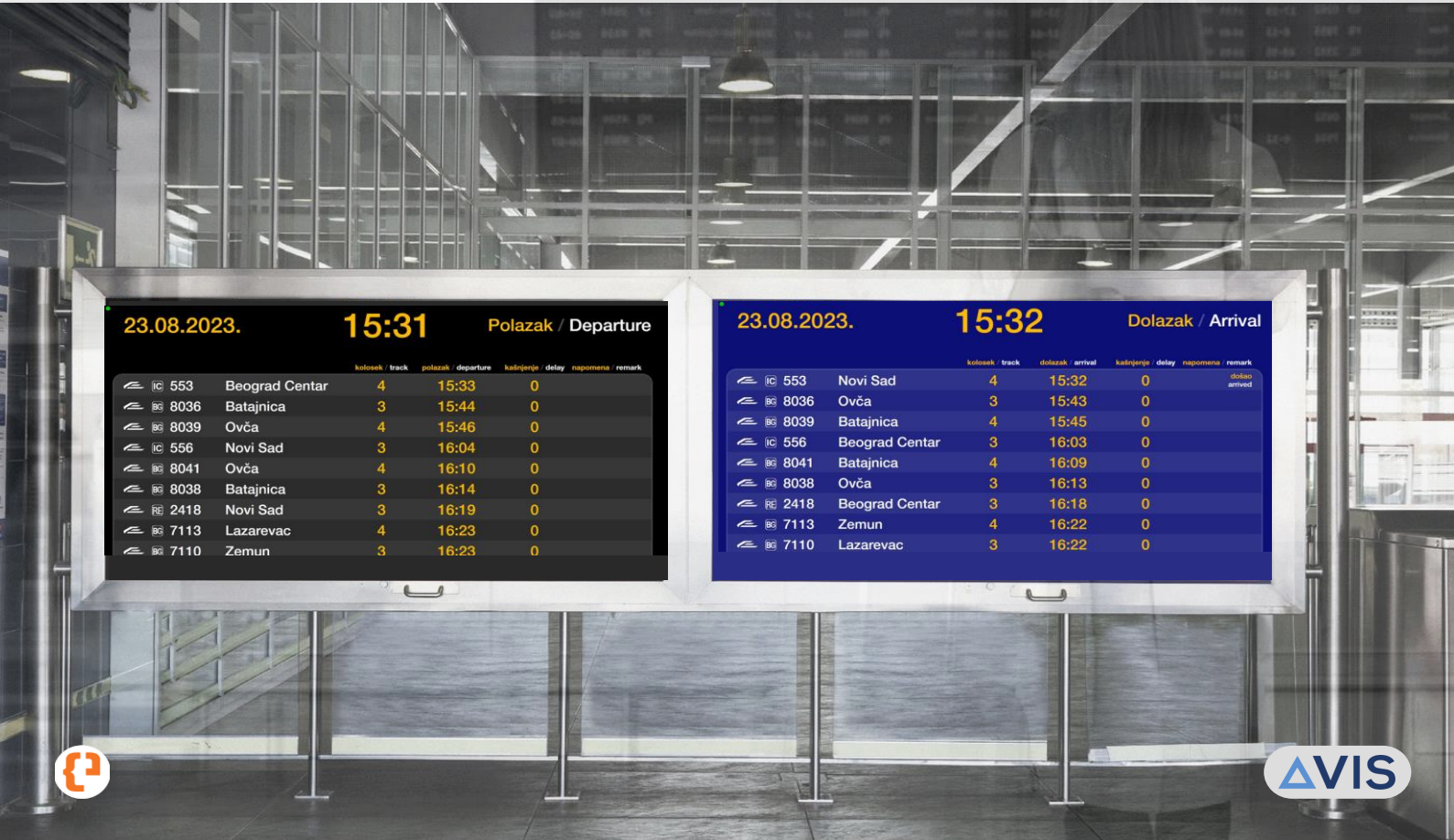
3

Segmentation of messages based on category, event and station types (initial, transitory); support for cases and grammar correctness

4

Generation of audio messages on demand for emergency broadcasting (service information, amber alert...)

REFERENCES -
VISUAL BOARDS



OVERVIEW OF SOLUTIONS -
VISUAL DISPLAY OF INFORMATION FOR PASSENGERS

Display information on different information boards:
Track
/platform
/gate incoming
/outgoing

Compliance with the EU directive, with regarding the visual display of information persons with disabilities and persons with reduced mobility

Bilingualism - display of information in English and Serbian

Generating important notifications for emergency events on demand

REFERENCES - INFRASTRUCTURE OF THE RAILWAYS OF SERBIA

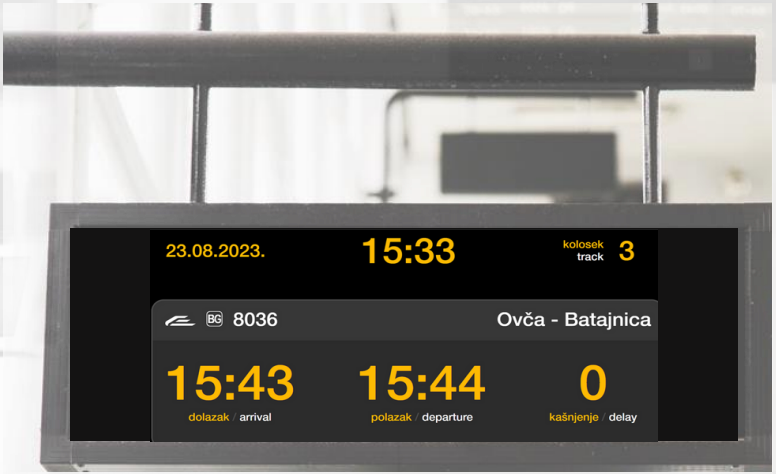
The integration of **AVIS** into railway stations commenced at the **"Belgrade Center"** in late 2015 and continues to be operational.

This model is being extended to all stations featured on the map, ensuring the presence of real-time information services across the railway network.

And we are still counting...

REFERENCES –

EXPLORING THE FIGURES BEHIND SERBIA'S RAILWAY INFRASTRUCTURE



- **18** Stations and official places
- **235** Conrac/Aesys displays
- **17** Bosch audio controllers
- **240+** Departures per day
- **1300+** Messages generated per day
- **149** System Users

AUDIO VISUAL INFORMATION SYSTEM

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