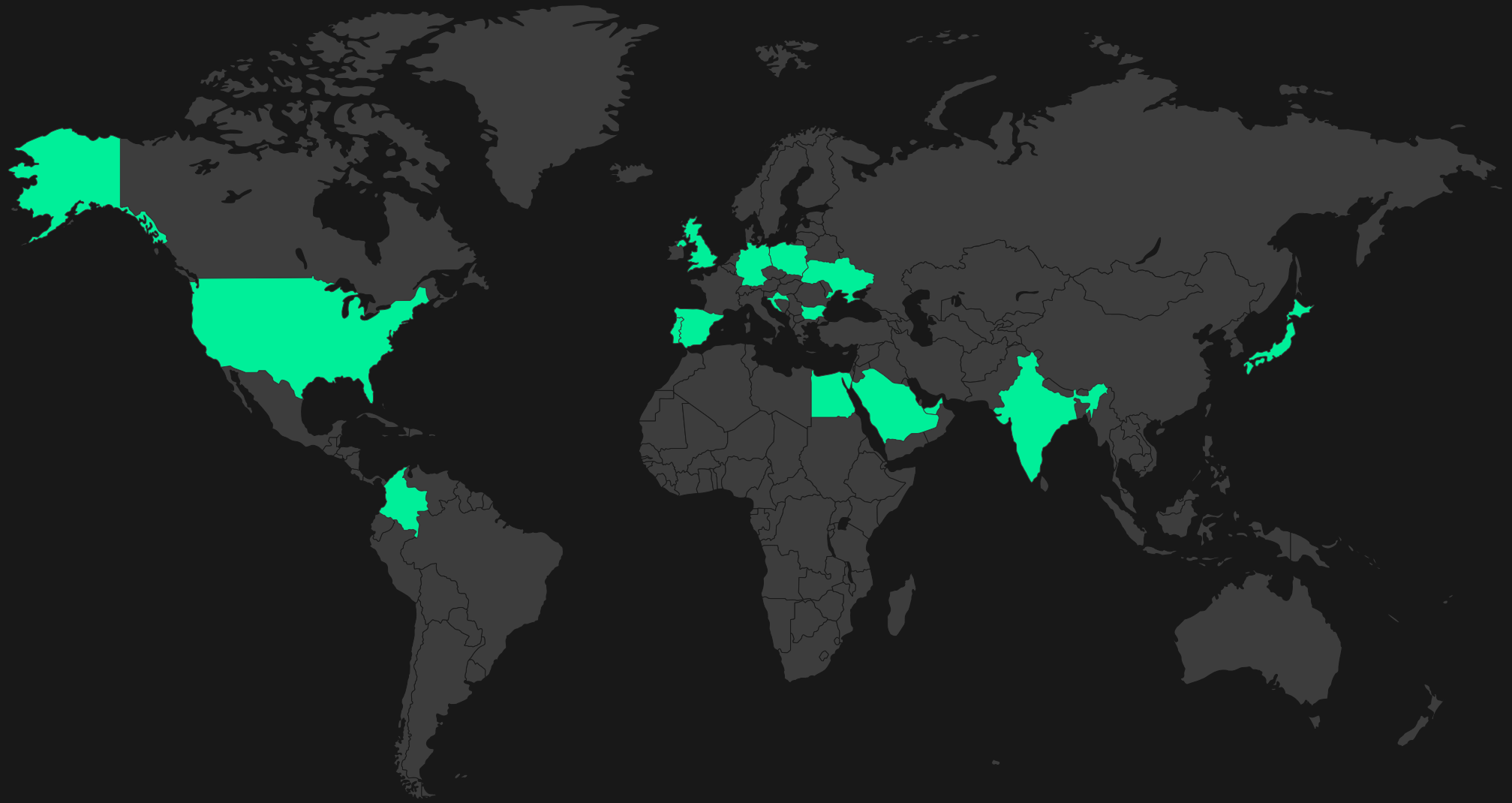
Reducing Map Update Latency

with Dynamic Feedback Integration
and AI-Powered Map Scout

Intellias

Intellias at a glance



3200+

in-house experts
1200+ automotive FTE
across a scalable footprint

24

years of expertise
experience with a strong
automotive focus

160+

active clients globally
29 automotive and proven long-term relationships

170M+

vehicles use solutions
delivered by Intellias

Intellias in NDS

NDS CONTRIBUTION

2023
Joined NDS

2024
Developed NDS over AUTOSAR application

2025
Contributed the Map Statistic Framework and developed Application Services

2026
...

TALENT GROWTH

IntelliMapLab · Ukraine, Poland & India







4
programs completed (2023–2026)

80
engineers trained

65
graduates

55
hired or moved to internship

NDS.Live: Data Journey Loop

Intellias

SOURCE

Geospatial data

SOURCE

True content

SOURCE

OEM probe data

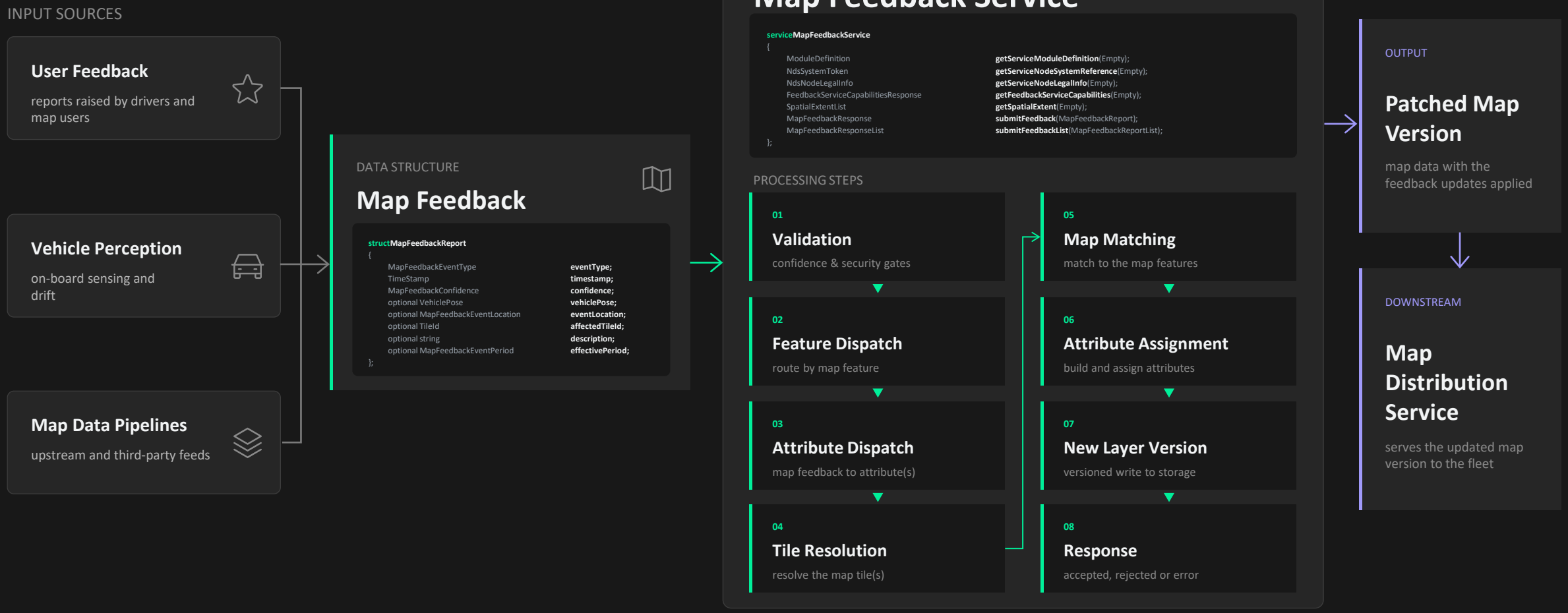
01

Today: one-way pipeline

Map data is compiled from geospatial datasets, survey-fleet true content and OEM probe data.

Map Feedback Service

From observation to a new map version

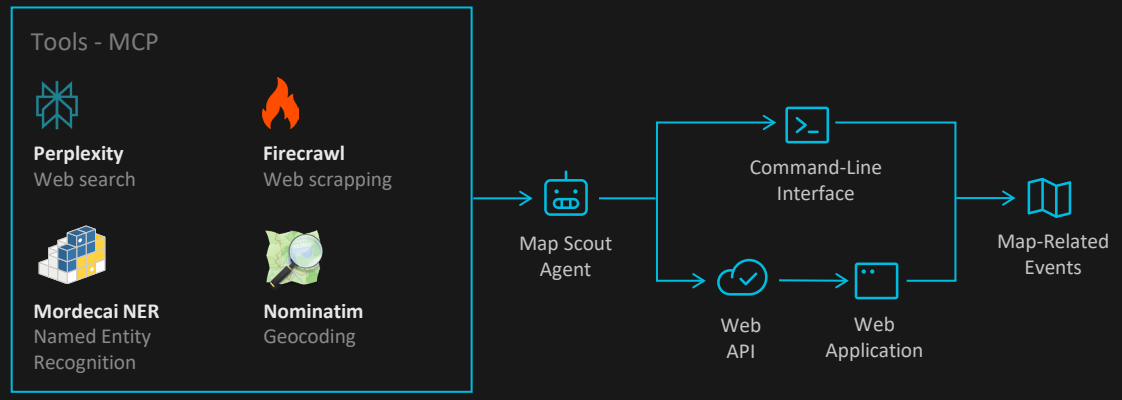


Map Scout: Agentic AI solution for dynamic maps update

Agentic event-monitoring pipeline

1. Discovery
2. Automated extraction
3. Geolocation
4. Confidence scoring & validation

Agentic setup



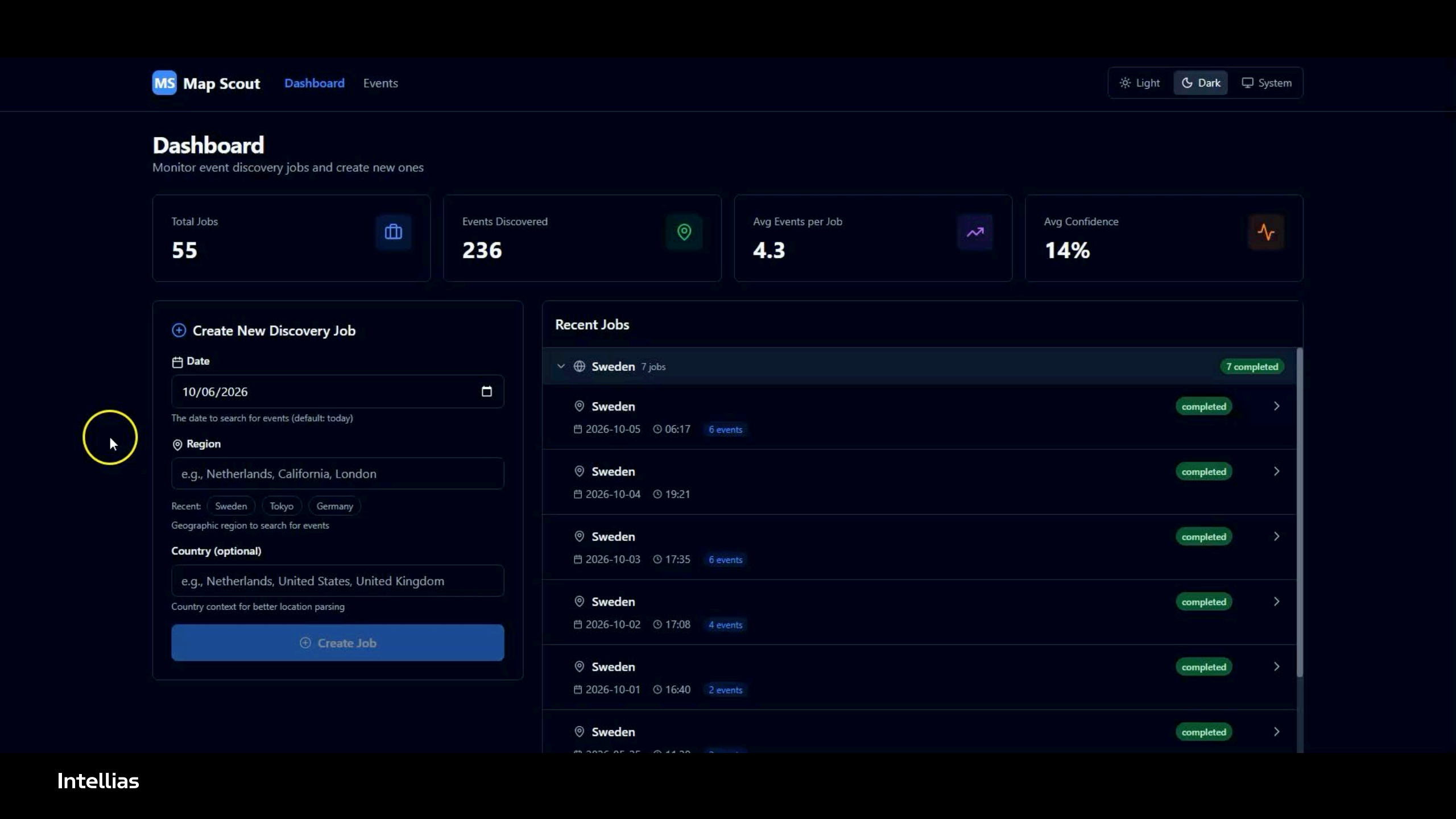


Intellias

Live Demo



Intellias


MS Map Scout
Dashboard
Events
Light
Dark
System
Dashboard
Monitor event discovery jobs and create new ones
Total Jobs
55
Events Discovered
236
Avg Events per Job
4.3
Avg Confidence
14%
Create New Discovery Job
Date
10/06/2026
The date to search for events (default: today)
Region
e.g., Netherlands, California, London
Recent:
Sweden
Tokyo
Germany
Geographic region to search for events
Country (optional)
e.g., Netherlands, United States, United Kingdom
Country context for better location parsing
Create Job
Recent Jobs
Sweden 7 jobs
7 completed
Sweden
completed
2026-10-05 06:17 6 events
Sweden
completed
2026-10-04 19:21
Sweden
completed
2026-10-03 17:35 6 events
Sweden
completed
2026-10-02 17:08 4 events
Sweden
completed
2026-10-01 16:40 2 events
Sweden
completed

Summary

Three takeaways

01

Map is never complete – every update matters

02

NDS.Live –
a perfect ecosystem
for self-healing map

03

Standardise the feedback path in practice

Thank you



Olena Slieptsova

Principal Product Manager

intellias.com