



Federal · Public Sector

An AI decision-support dashboard that gives a U.S. Army base a real-time view of traffic and weather for safety decisions

Intuceo built AI-driven traffic and weather decision support for a U.S. Army installation, combining Smart City program data with openly available federal, state, and city data to improve the safety and efficiency of traffic on and off the base and to help leaders make better weather-related calls.

Sector

Federal, U.S. Army base

Focus

Traffic & weather decision support

Approach

AI-driven real-time analytics

Data sources

Smart City + open government data

Client Overview

The client is a U.S. Army base that manages traffic and gate operations affected by local weather

The client's daily operations depend on moving people and vehicles safely on and off the site. Traffic conditions, gate activity, and inclement weather all shape that movement, and base leaders regularly make decisions, known as weather calls, that turn on how conditions will affect transportation safety.

The Challenge

Base leaders had to make weather and traffic safety decisions without a single real-time view of conditions

Decisions about inclement weather and local traffic disruptions affect the safety and mobility of everyone moving on and around the base, but the data needed to make them sat in separate places. Traffic conditions, gate activity, and weather each lived in their own source, which made it harder to judge how weather would affect transportation safety in time to act.

Base leaders needed a consolidated, real-time picture that connected traffic and weather, so they could respond to local disruptions and make weather calls with better information rather than piecing conditions together from scattered feeds.

The Solution

Intuceo built AI-driven traffic and weather decision support that brings real-time conditions into one dashboard

Intuceo delivered Artificial Intelligence (AI) driven traffic and weather decision support for the base, combining Smart City program data with openly available government data and presenting it in a single visual dashboard. The work spanned the data it draws on, the analytics applied to it, and the tool leaders use to act on it.

01

Real-time traffic and weather analytics

AI-driven analysis works to improve the safety and efficiency of traffic flow on and off the installation and expands the range of real-time data analytics available to base operations.

02

Inclement weather decision support

The solution supports weather calls by helping leaders understand how inclement weather affects transportation safety, so decisions rest on current conditions rather than guesswork.

03

Local traffic disruption response

Real-time traffic information supports faster response to local traffic disruptions on and around the base.

04

Gate monitoring from combined data sources

Gate monitoring draws on data from the base's Smart City program alongside openly available federal, state, and city data.

05

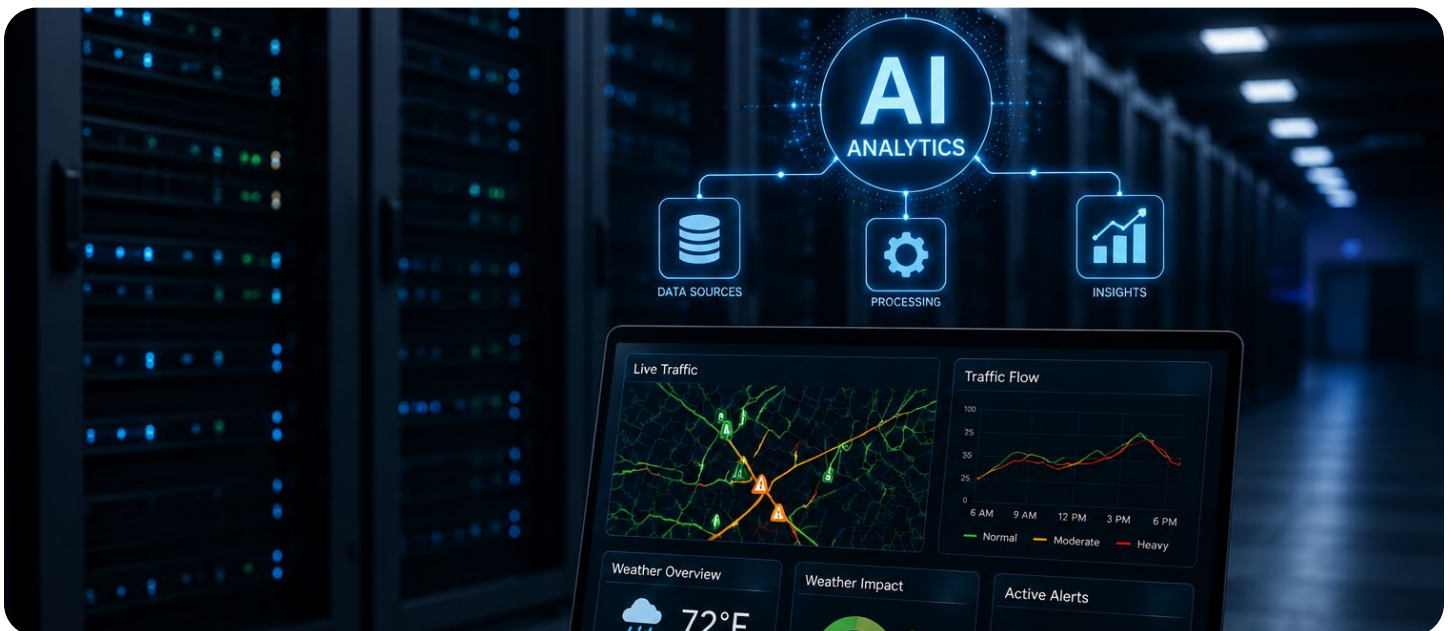
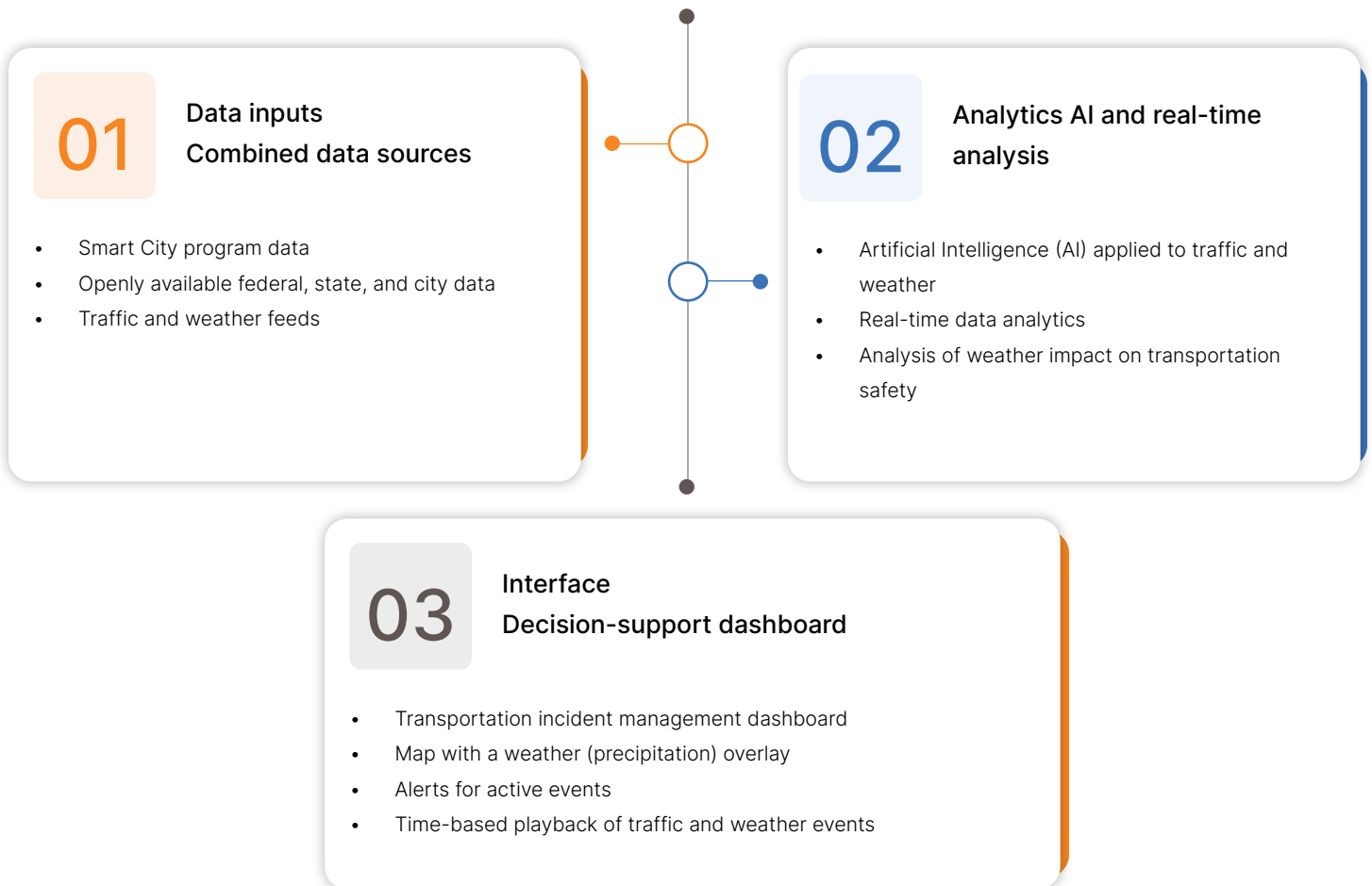
A visual tool for urban mobility and public safety

A decision-making dashboard visually communicates real-time traffic and weather events, giving leaders one place to weigh urban mobility and public safety together.



Technology

The solution moves from combined data sources through AI analytics into a single visual dashboard



Outcomes

What the client now has in place after the engagement

- **A consolidated, real-time view of traffic and weather in one dashboard.**
- **Weather calls informed by transportation safety, with the impact of conditions made visible to decision-makers.**
- **Faster response to local traffic disruptions on and around the base.**
- **Gate monitoring informed by Smart City program data and openly available government data.**
- **One visual tool for urban mobility and public safety decisions that communicates real-time events as they unfold.**

Make Critical Decisions With Real-Time Intelligence

Intuceo works with federal and defense organizations to combine operational and public data sources into real-time decision support for safety and mobility. Bring us the operational decision you need better information for, and we will show you how a prior engagement maps to it.

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Thank You



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