

DATEX II

PROVIDING REAL-TIME ROAD WORKS INFORMATION IN SPAIN

DGT – GOVERNMENT OF SPAIN

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THE PROBLEM (I)

At the beginning...

DGT had information of road works licenses, but...

...didn't have the information about the effective date of start and end of the road works. Consequently...

...the published information about road works was inaccurate.

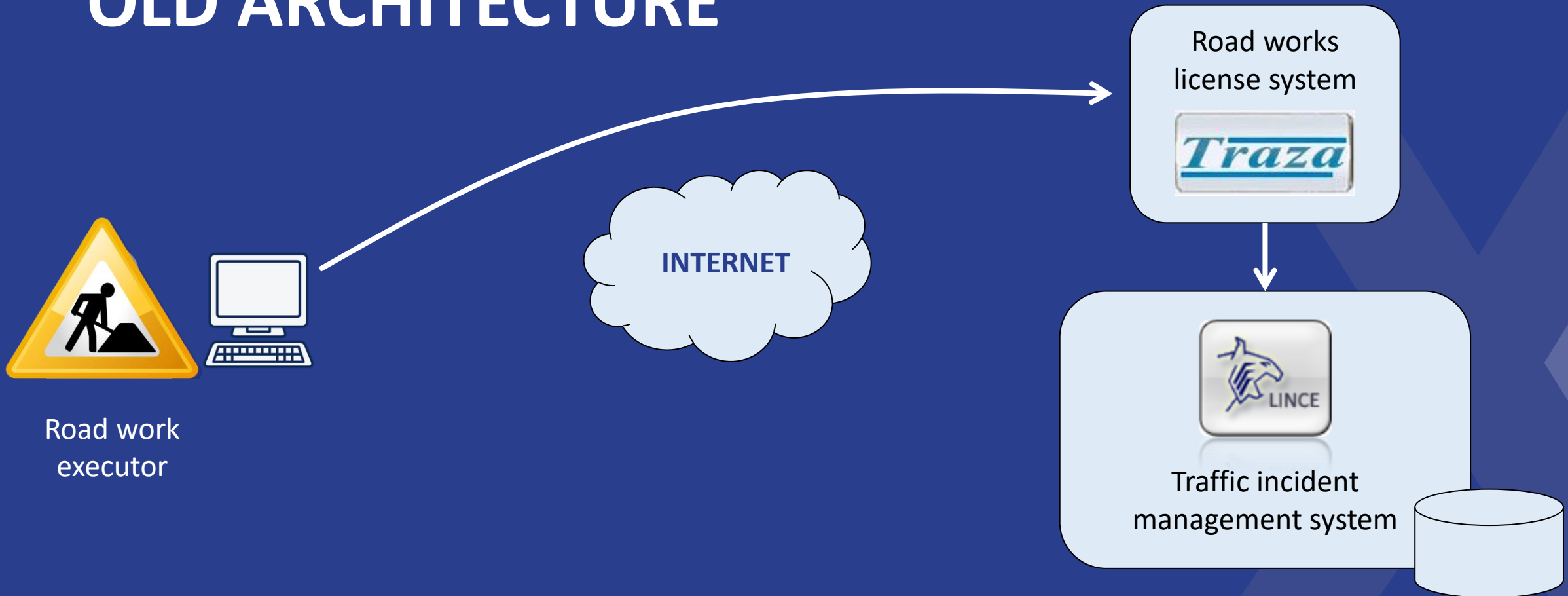
DATEX II

THE PROBLEM (II)

- Some drivers were warned of road works which were not yet present.
- Some drivers were warned of road works which were not present anymore.
- Some drivers found on their route a road work which had been extended and not notified.

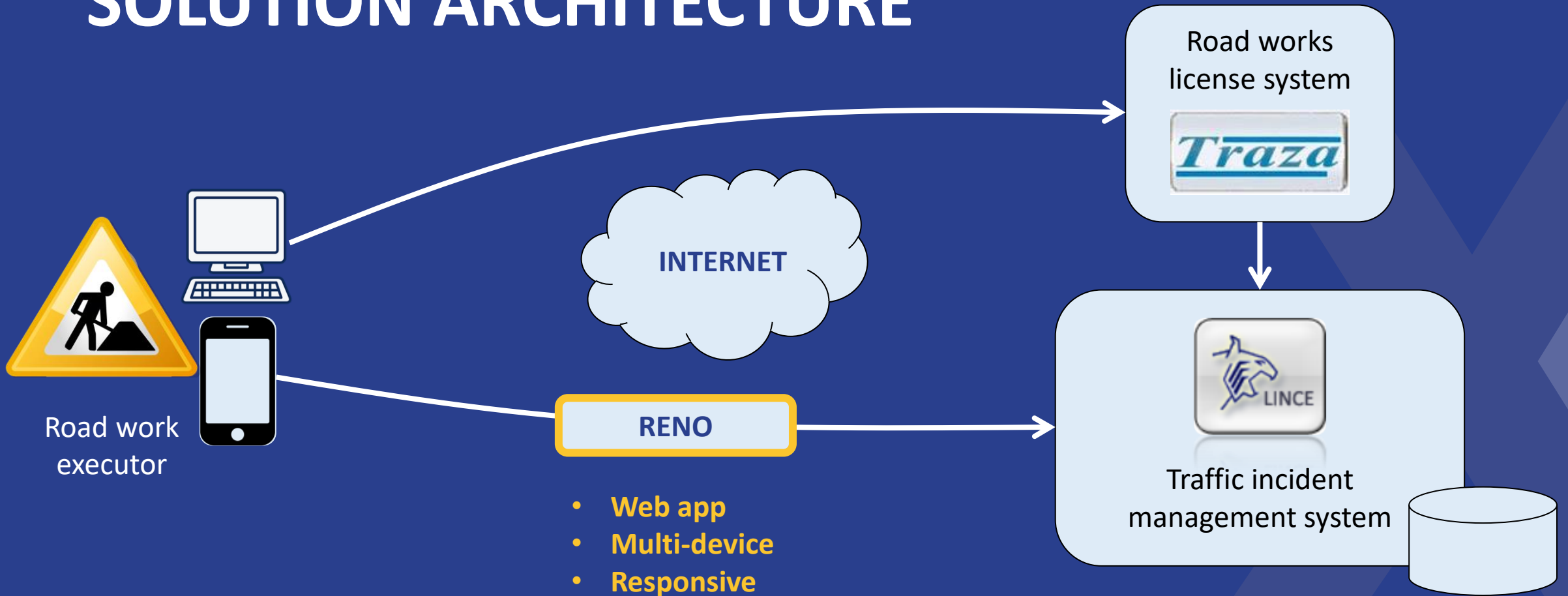
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OLD ARCHITECTURE



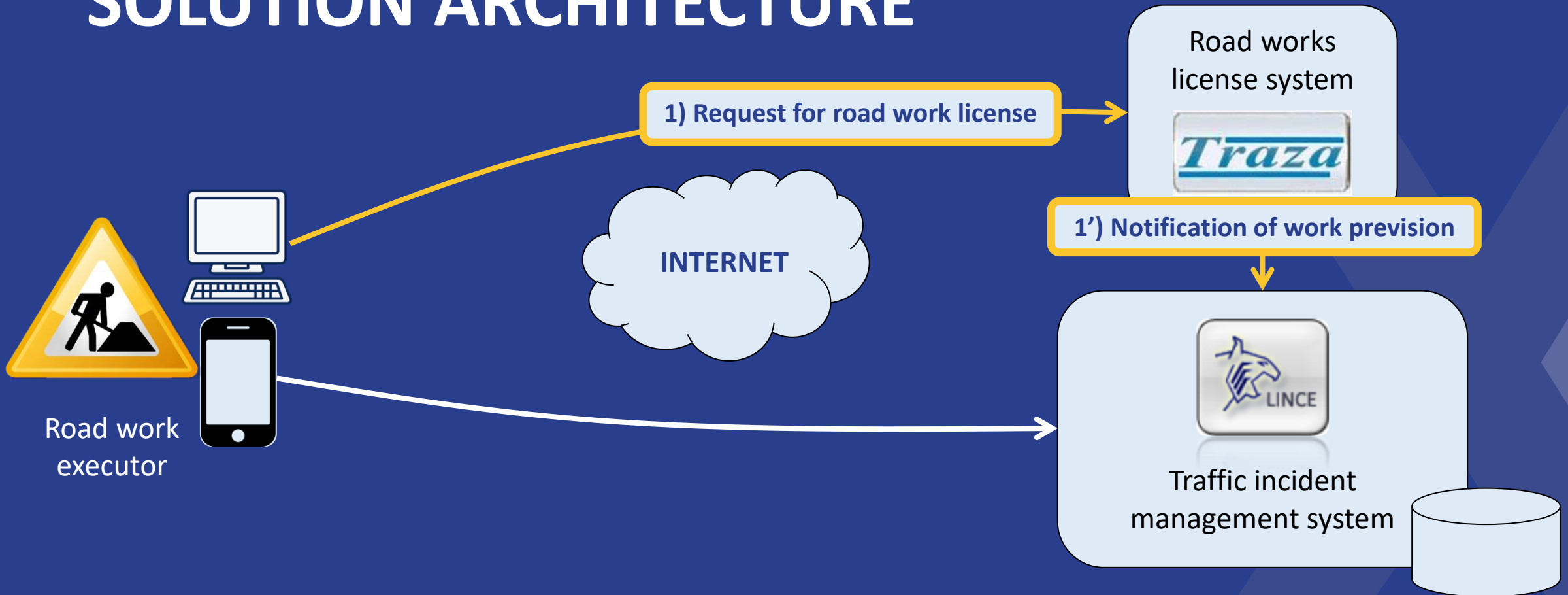
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SOLUTION ARCHITECTURE



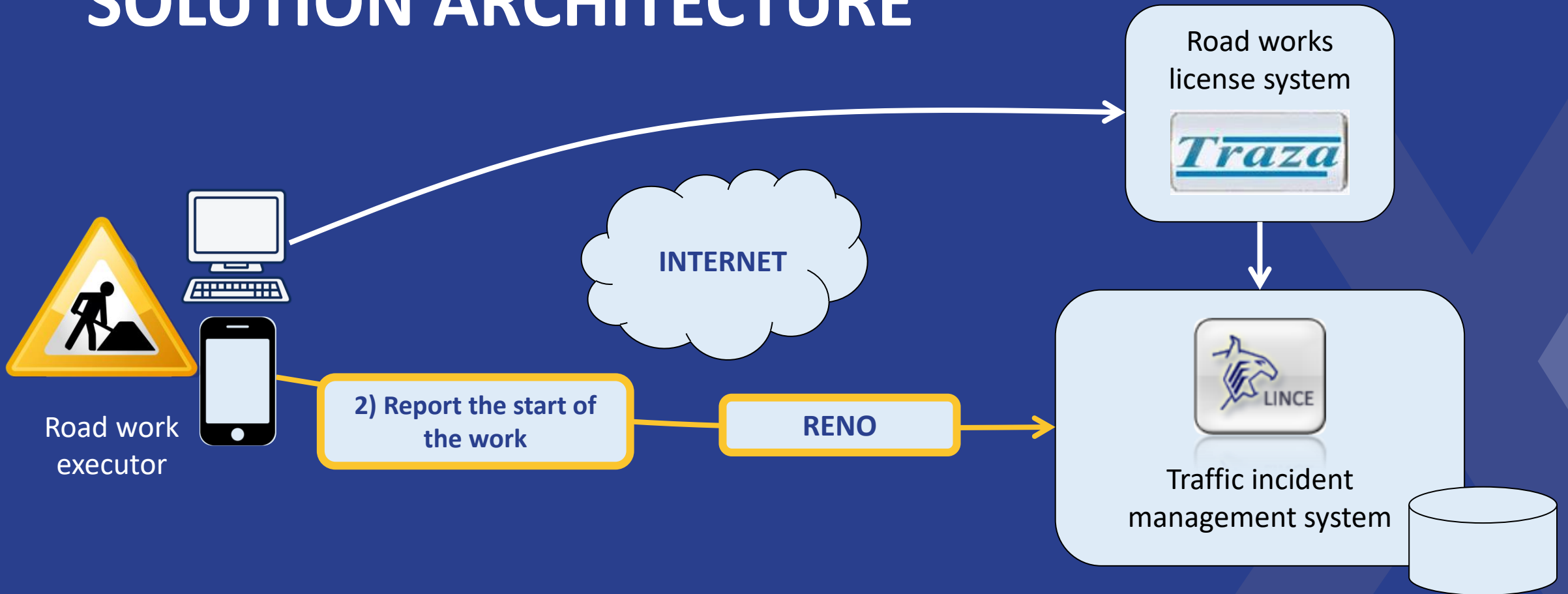
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SOLUTION ARCHITECTURE



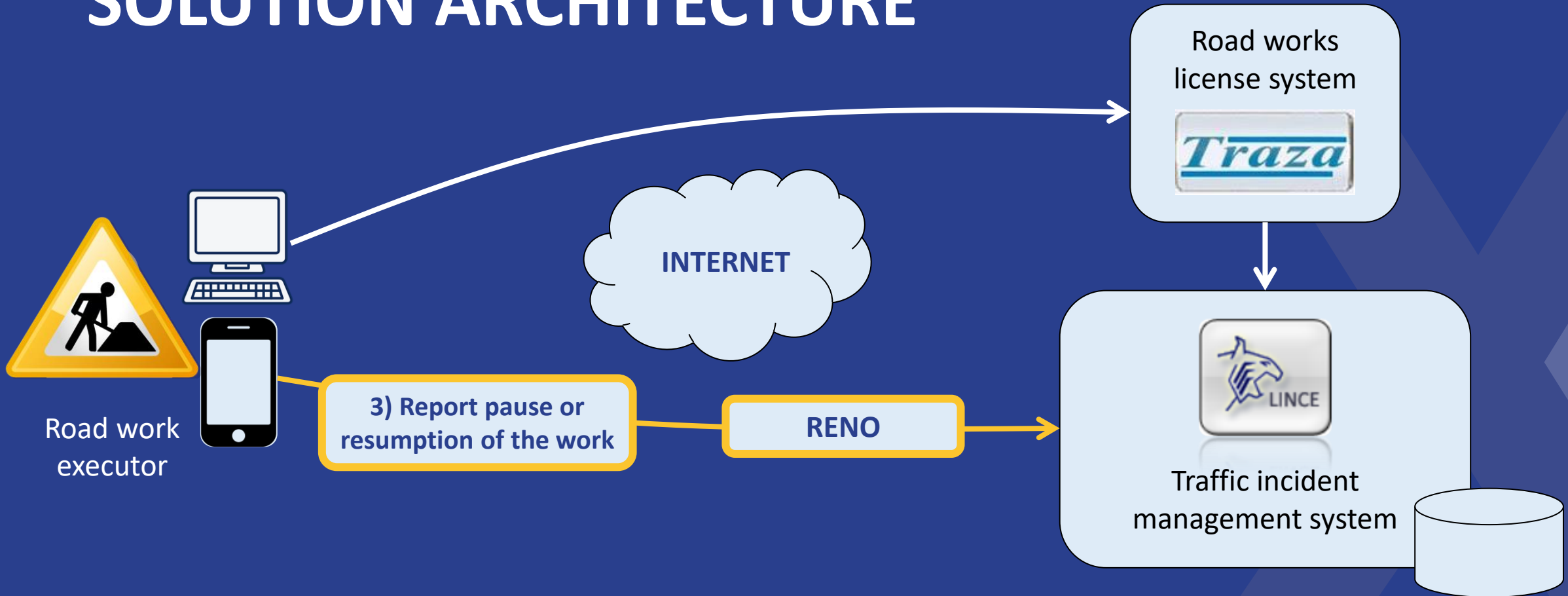
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SOLUTION ARCHITECTURE



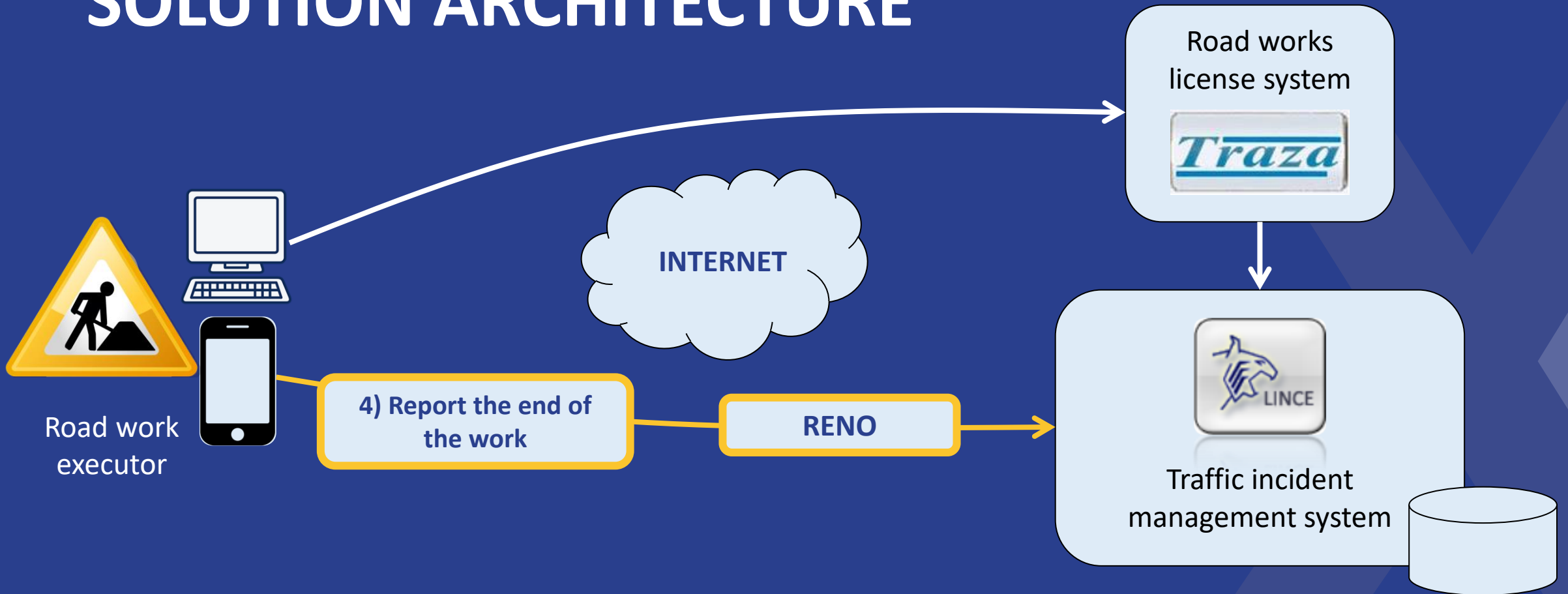
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SOLUTION ARCHITECTURE



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IN THE MEANTIME...

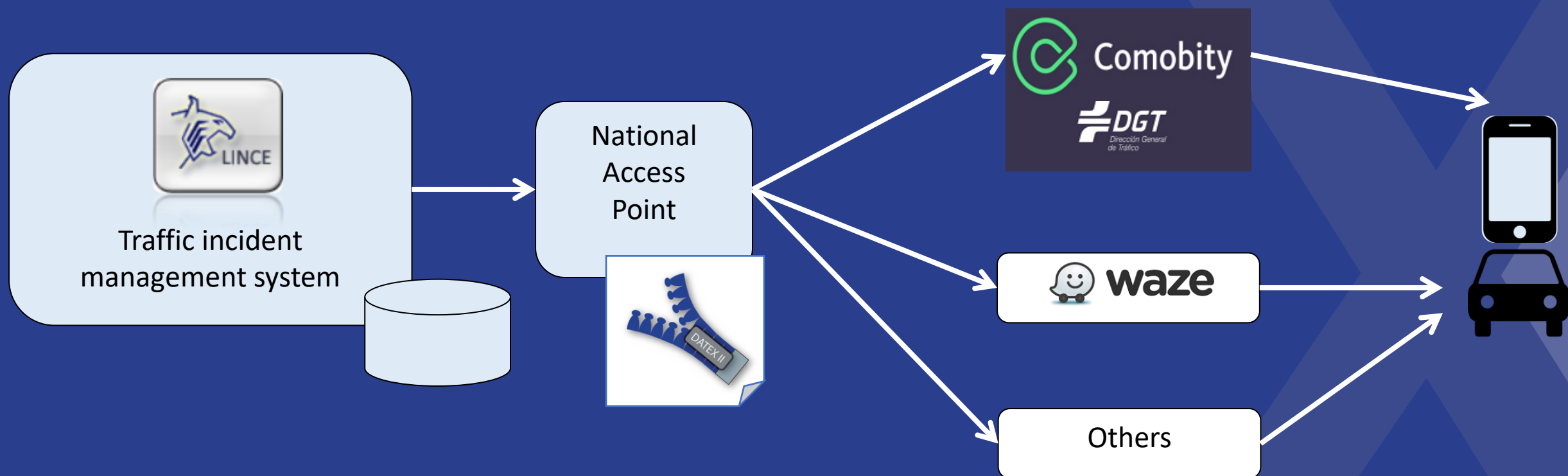
To reinforce the broadcasting strategy

DGT signs a collaboration agreement with **Waze**

Since then, Waze reads information from existing **DATEX II** standard publication which is available for public use in the NAP and refreshed every 2 minutes

DATEX II

REAL-TIME INFORMATION BROADCAST WITH DATEX II



DATEX II

FUTURE WORK

- Incorporate new provinces to the protocol.
- Encourage new service providers to consume DATEX II feed.
- Integrate the solution to the new platform DGT 3.0.



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THANK YOU!

For more details/technical questions:

sistemas.telematica@dgt.es

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DISCUSSION

- How is this kind of information shared in your country? Do you use DATEX II for road works information?
- What do you think about this way of exchanging data? Advantages/Disadvantages?
- Any other questions

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