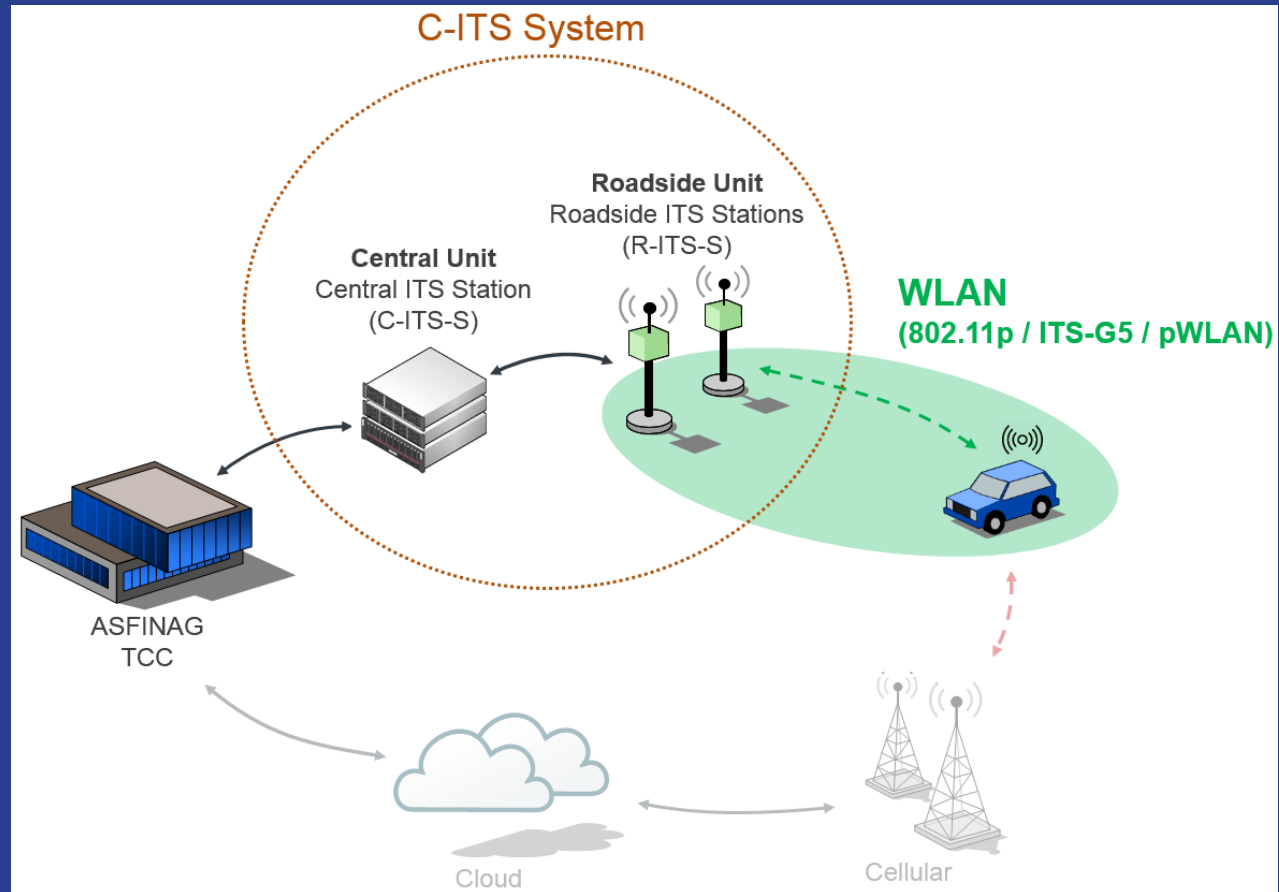


C-ITS and HYBRID approach

Implementation status in Austria

C-ITS



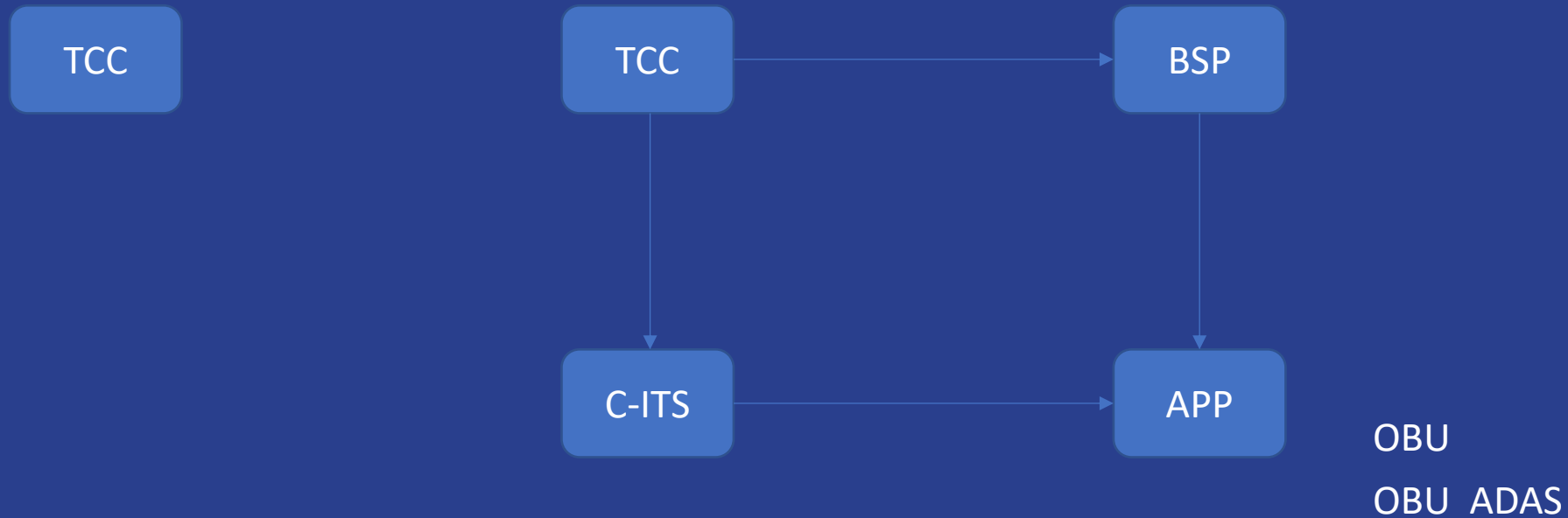
DATEX II

C-ITS in Austria

- The Austrian C-ITS Rollout begins 2019
- C-ITS DATEX II profiles are standardized and published on datex2.eu
- Standardization of all traffic data is completed
- Elementary ASFINAG CONTENT DATEX II profiles published on datex2.eu
- Projects with Service Providers have been started

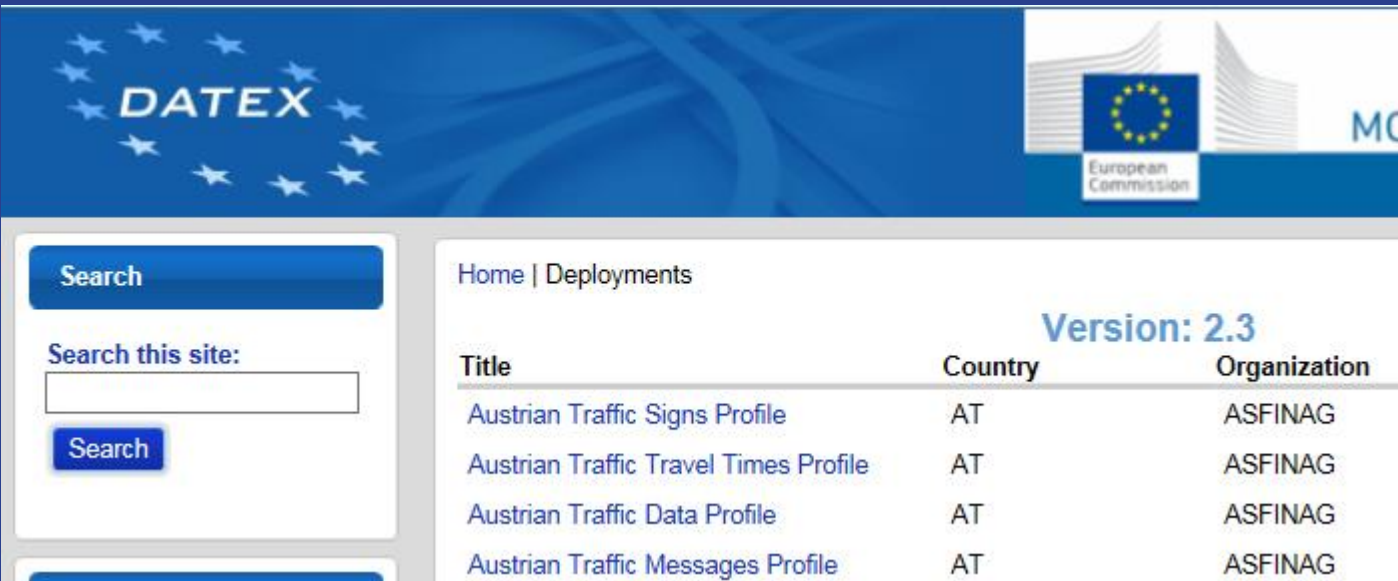
DATEX II

About DATEX II – Bart DE VRIES yesterday



DATEX II

Elementary Profiles include C-ITS



The screenshot shows the DATEX II website interface. At the top left is the DATEX logo with a star pattern. To the right is the European Commission logo. Below the logo is a search bar with the text "Search this site:" and a "Search" button. To the right of the search bar is a table of elementary profiles. The table has three columns: "Title", "Country", and "Organization". The table is titled "Version: 2.3".

Title	Country	Organization
Austrian Traffic Signs Profile	AT	ASFINAG
Austrian Traffic Travel Times Profile	AT	ASFINAG
Austrian Traffic Data Profile	AT	ASFINAG
Austrian Traffic Messages Profile	AT	ASFINAG

ECo-AT - DATEX II profile for CAM aggregation use case Austria

ECo-AT - DATEX II profile for OtherDENM use case Austria

ECo-AT - DATEX II profile for RWW use case Austria

ECo-AT - DATEX II profile for DSRC protected zones Austria

ECo-AT - DATEX II profile for IVI use case Austria

DATEX II

Elementary Profiles include C-ITS

The screenshot shows the DATEX II website interface. At the top left is the DATEX logo with the European Union flag. To the right is the European Commission logo. Below the logo is a search bar with the text "Search this site:" and a "Search" button. The main content area is titled "Home | Deployments" and "Version: 2.3". It contains a table with the following columns: "Title", "Country", and "Organization".

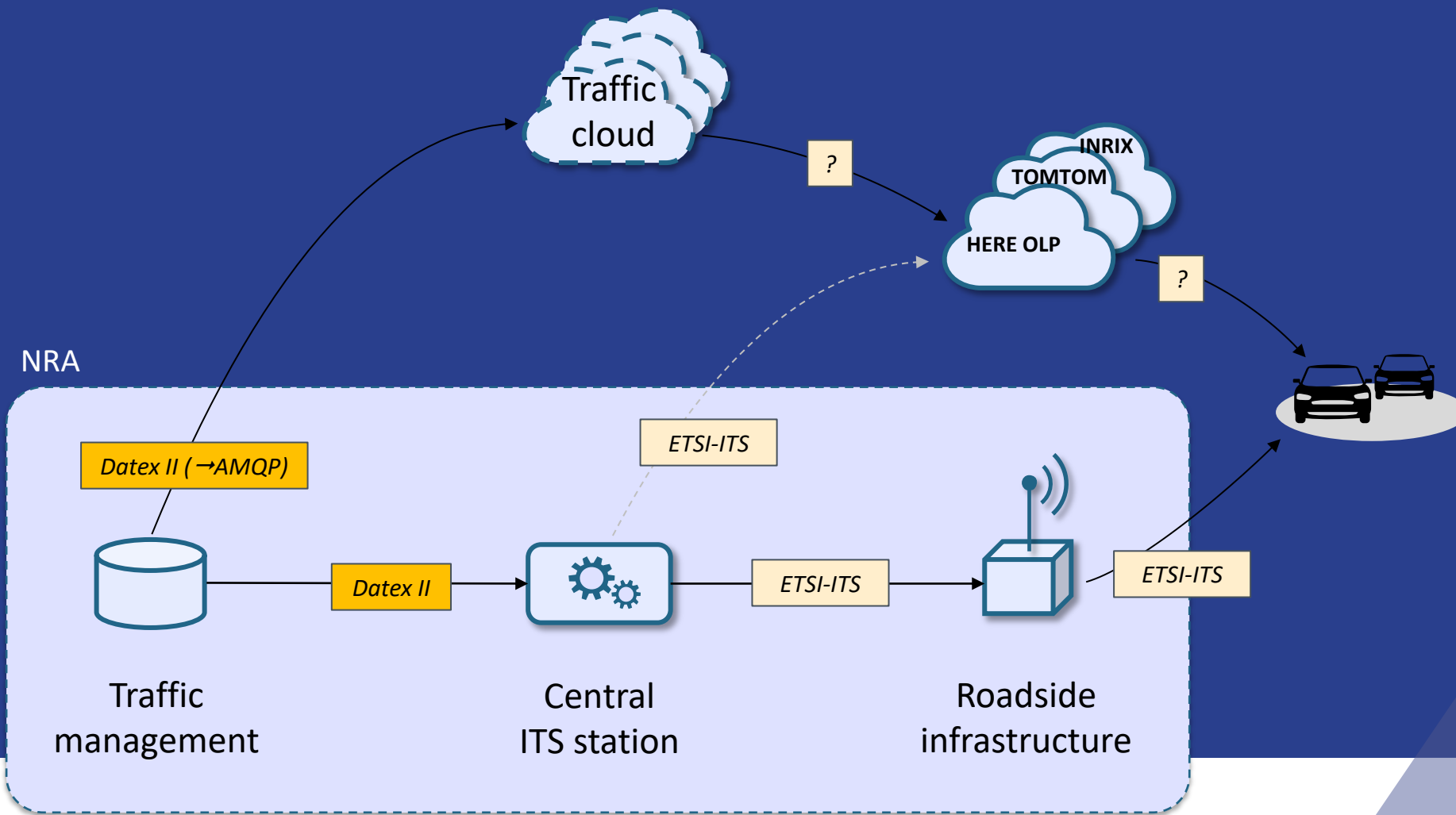
Title	Country	Organization
Austrian Traffic Signs Profile	A	ASFINAG
Austrian Traffic Travel Times Profile	AT	ASFINAG
Austrian Traffic Data Profile	AT	ASFINAG
Austrian Traffic Messages Profile	AT	ASFINAG

This is a zoomed-in view of the elementary profiles list. It shows five entries, each with a title, country, and organization. The titles are: "ECo-AT - DATEX II profile for CAM aggregation use case", "ECo-AT - DATEX II profile for OtherDENM use case", "ECo-AT - DATEX II profile for RWW use case", "ECo-AT - DATEX II profile for DSRC protected zones", and "ECo-AT - DATEX II profile for IVI use case". The countries are all "Austria" and the organization is "ASFINAG". Annotations include a red circle around "OtherDENM" in the second entry, a yellow circle around "IVI" in the fifth entry, and two black arrows pointing from the zoomed view back to the main screenshot.

ECo-AT - DATEX II profile for CAM aggregation use case	Austria	ASFINAG
ECo-AT - DATEX II profile for OtherDENM use case	Austria	ASFINAG
ECo-AT - DATEX II profile for RWW use case	Austria	ASFINAG
ECo-AT - DATEX II profile for DSRC protected zones	Austria	ASFINAG
ECo-AT - DATEX II profile for IVI use case	Austria	ASFINAG

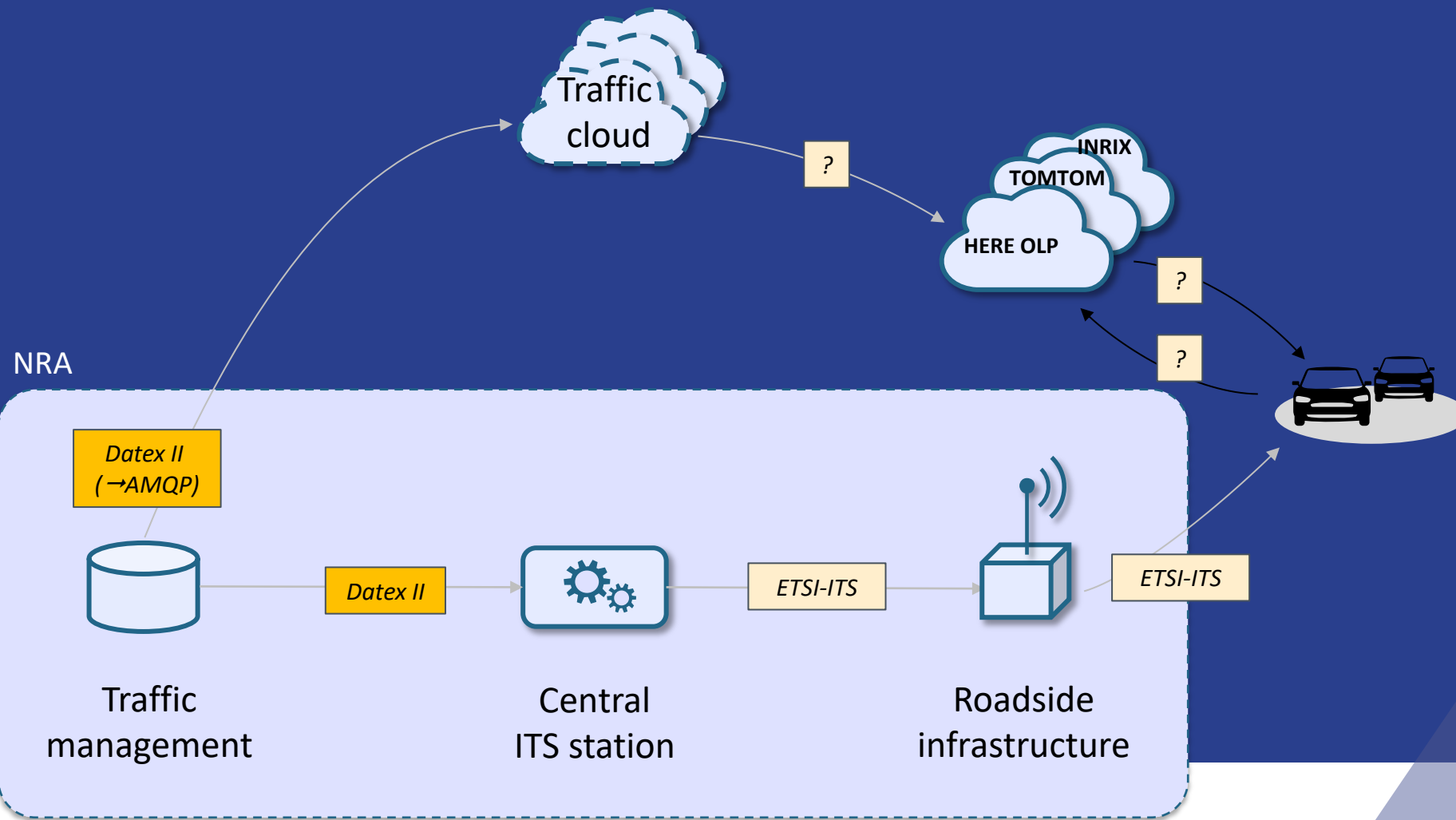
DATEX II

DATEX II Service „Traffic Signs“ (IVI)



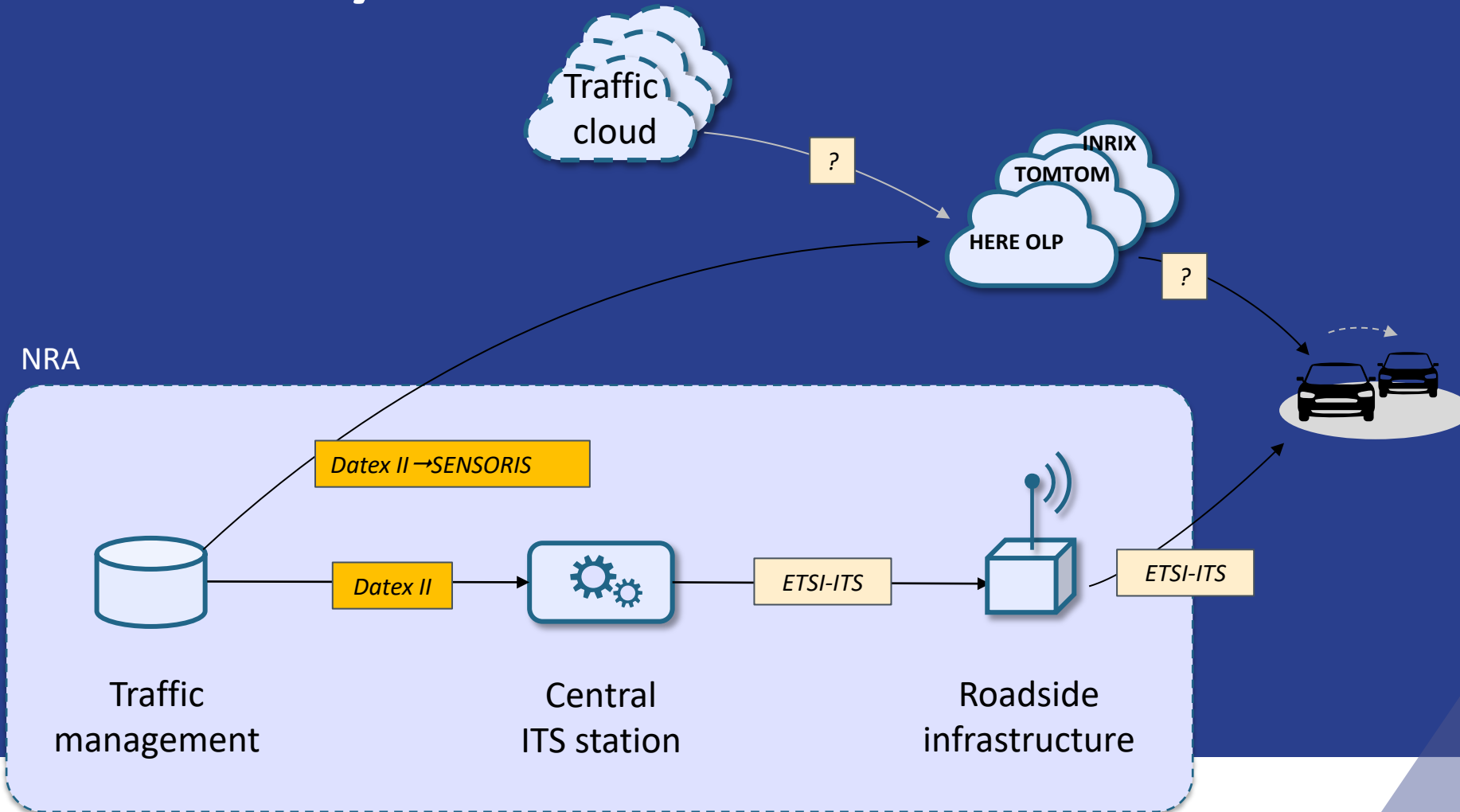
DATEX II

Vehicle based „Traffic Signs“ (IVI)



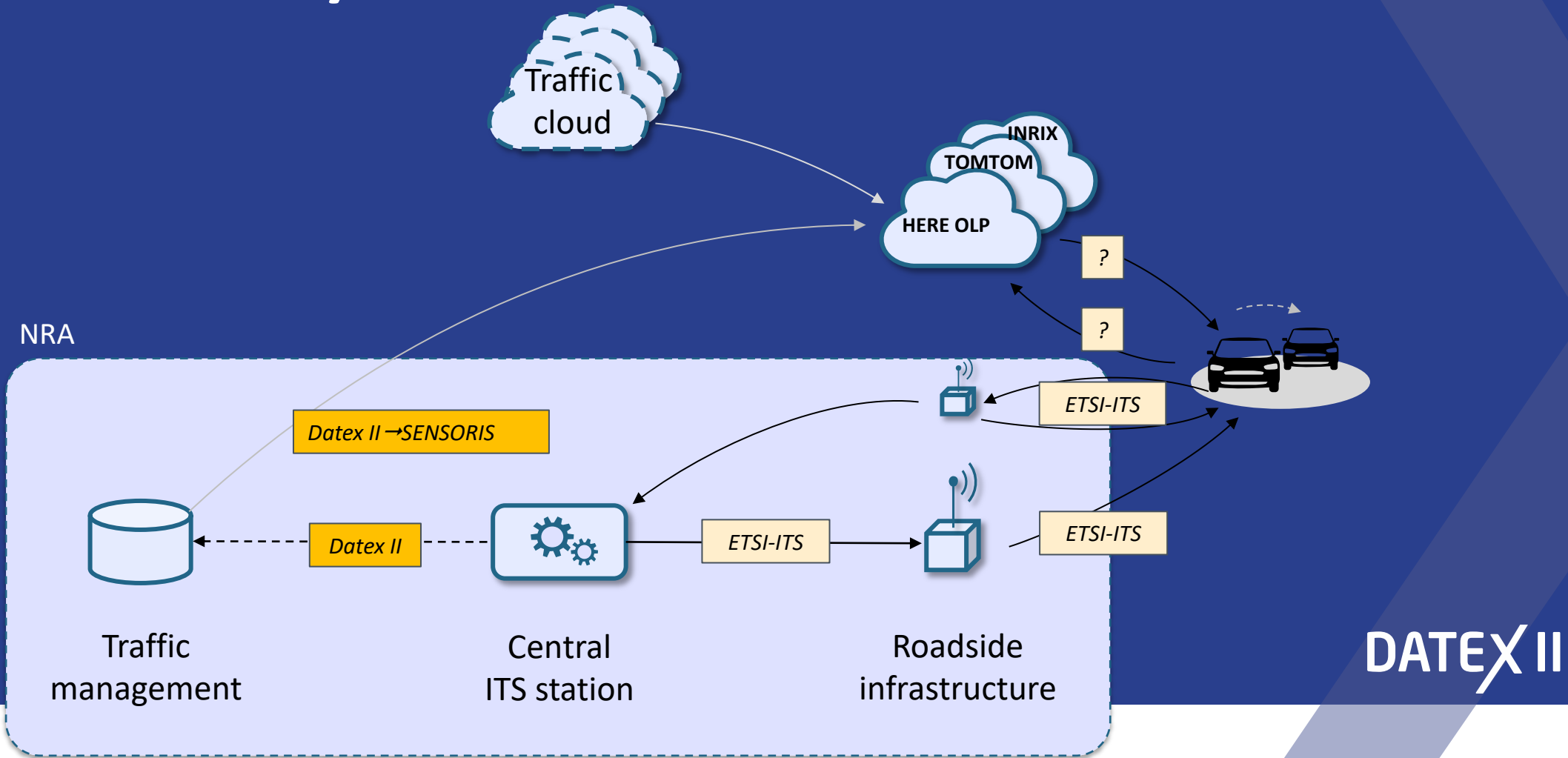
DATEX II

DATEX II Service „Traffic Messages“ (Other DENM)



DATEX II

Vehicle based „Traffic Messages“ (Other DENM)

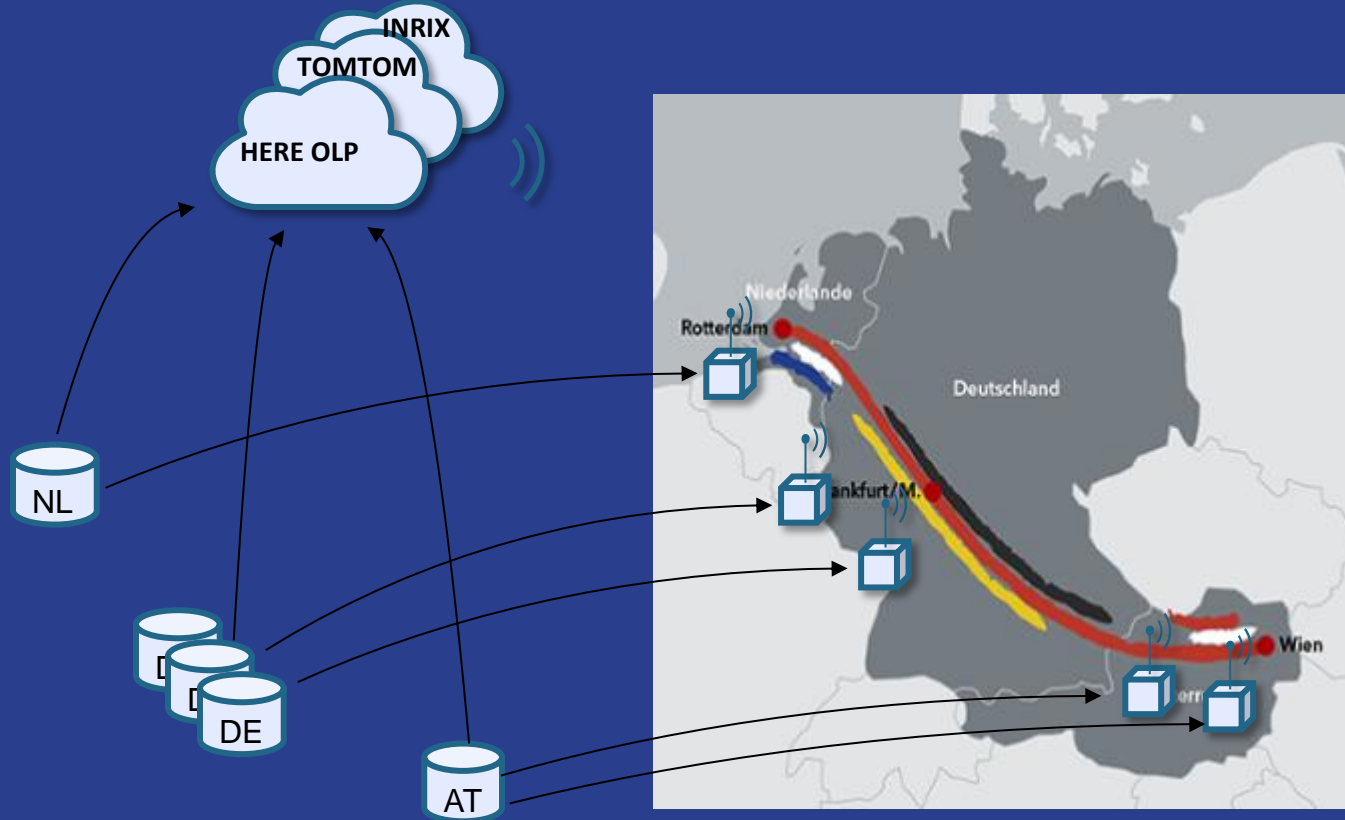


Harmonization in C-ITS CORRIDOR



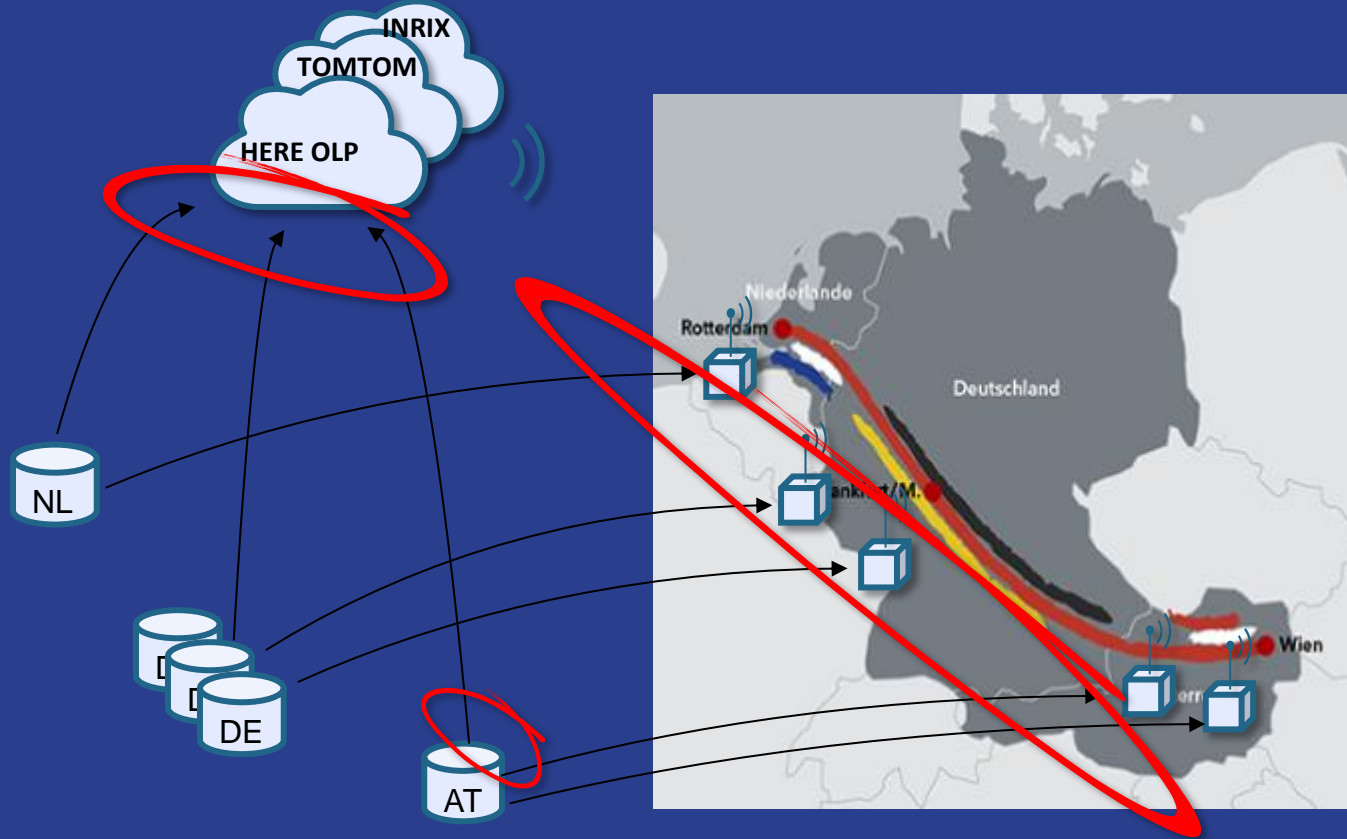
DATEX II

Harmonization in C-ITS CORRIDOR



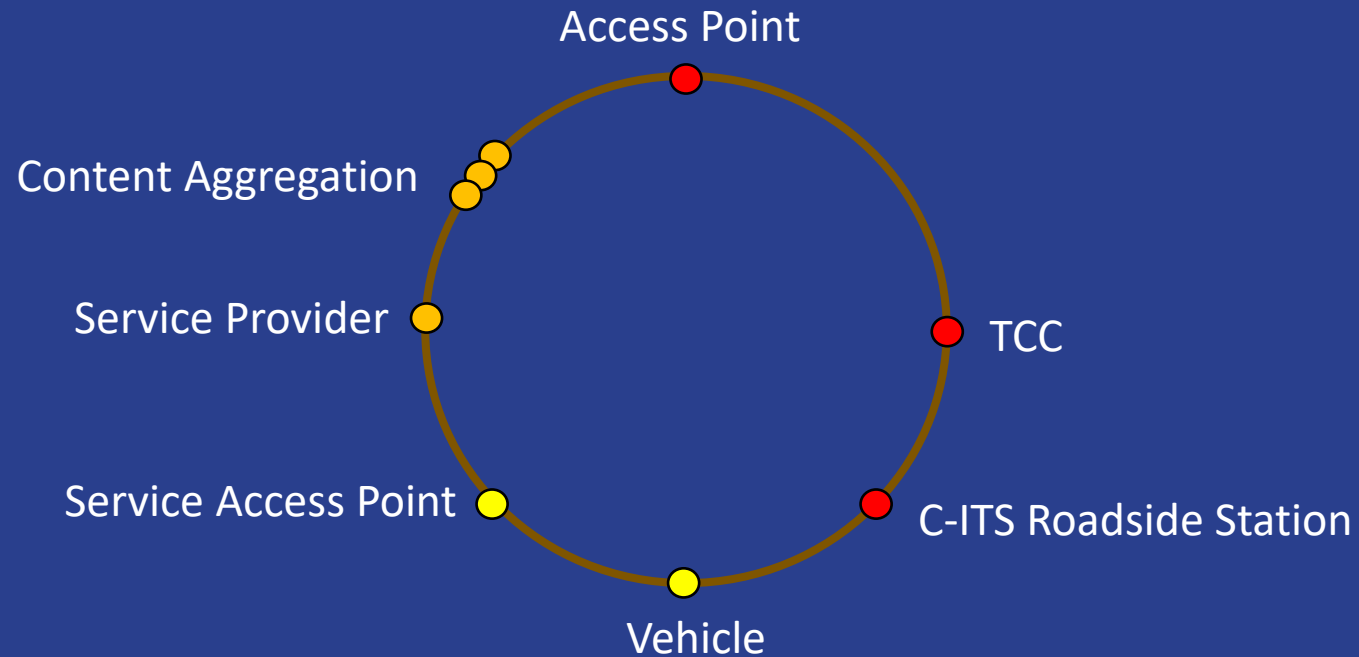
DATEX II

Harmonization in C-ITS CORRIDOR



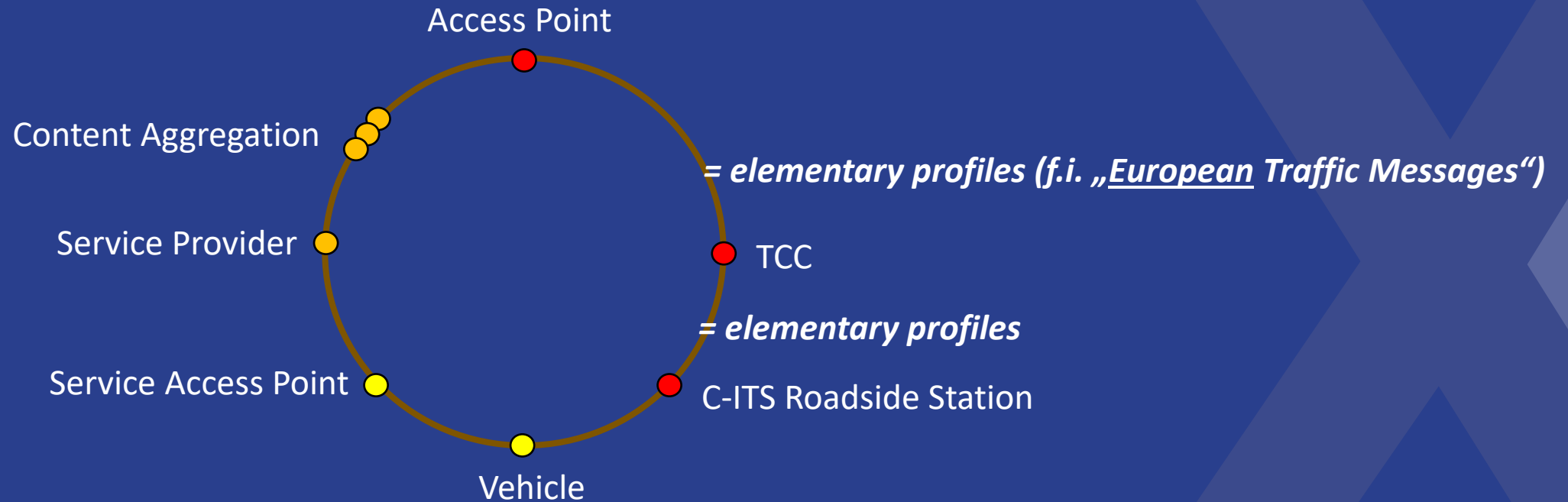
DATEX II

Harmonization in C-ITS CORRIDOR



DATEX II

Harmonization in C-ITS CORRIDOR



DATEX II

Thank you for your attention!

gottfried.allmer@asfinag.at

DATEX II