Developments

Introducing DATEX II version 3

DATEX II version 3 was launched at the DATEX II Forum 2018!

One of the major enhancements of DATEX II Version 3 is that it is now possible to make a profile that is completely tailored to a use case. Whether the profile is small or extended, it will contain just the elements that you need. Version 3 ensures that different profiles are compatible and interoperable. Thanks to a technology update (UML2, XMI2.1), extending and profiling Version 3 is now faster and more user friendly compared to its predecessor.
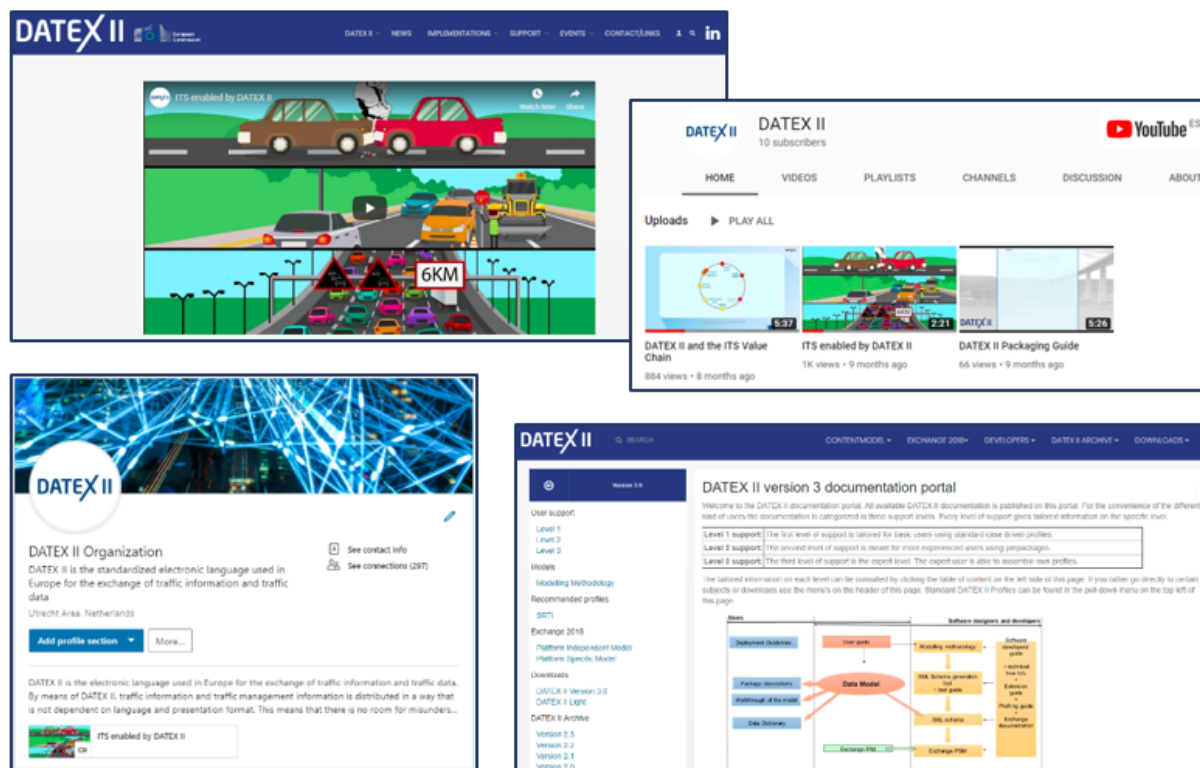
DATEX II Academy, website and social media presence

With the aim to provide the best support to the user, it is necessary to have accessible and intuitive communication channels with quality content. Over the last year, there have been several notable improvements in this respect.

In 2018, DATEX II launched a new, modernized website where users can find the latest information and developments on the standard and its organization. A real enhancement is the online profiling tool, where specific ready-made profiles (e.g. for the EU delegated regulations) will be made available and can be tailored further. Users can also upload implementations on the website and post support issues.

In terms of support, a lot has changed: The new user guidance and DATEX II Academy is online! Now we support different types of user groups with their own expert level of documentation. As of 2019, DATEX II is visible via social media like LinkedIn and Youtube with a growing following, where updates are shared with the public regularly.
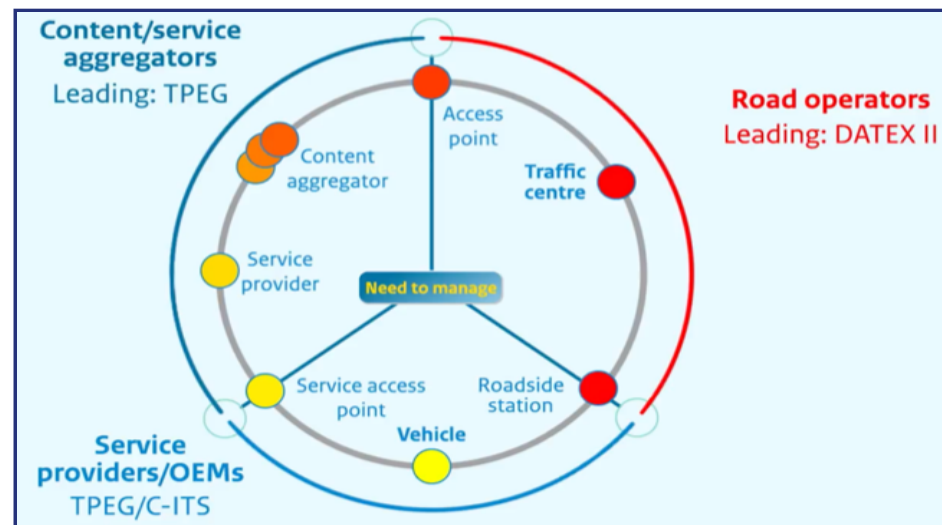

D2Light

The DATEX II Light (D2Light) app was developed. D2Light enables road operators to open up their data to app developers in a very easy way. It provides real time traffic information covered by DATEX II. The D2Light app will be used as a showcase of DATEX II possibilities, to show what kind of data DATEX II covers and where it is used. D2Light was announced at the DATEX II Forum 2018 in Utrecht with the demo App showing real-time road traffic information data from three member states. It gained high visibility from the participants and user community.

Building bridges to stakeholders: DATEX II STAB

We aim to get and stay connected with our stakeholders in the different domains. After a successful first STAB meeting in October 2017, we now organised the second STAB meeting on November 6th of 2018. Besides the members from the first time, we welcomed some new STAB members, resulting in a STAB with 16 attendants, among which were ERTICO, POLIS, HERE, Scania, Transmodel and AEOLIX.

We had an interesting discussion about the position of DATEX II in the ITS value chain where we acknowledged our common value: Supporting and servicing the road user in order to provide a safe, efficient and sustainable trip. The outcomes of this meeting will help us in the discussion about "DATEX II after 2020".

DATEX II supports METR

A new DATEX II activity focussing on management of electronic transport regulations (METR) started its work in 2018. This activity enhances the support by DATEX II of exchanging very detailed information stemming from electronic transport regulations, required for (a.o.) CCAM developments (e.g. measure setting where roadworks are underway with different measures per lane, and quickly succeeding each other in the length of the road). This year was used to clarify the scope and approach of work and to establish liaison with TN-ITS and CLARS.

RAV centre

The DATEX II RAV Testcenter has been expanded with a new feature for testing individual profiles against the DATEX II (v2.3) minimum profile for Delegated Regulation EU No 885/2013 with regard to EU core components for static data related to Secured Truck Parking Areas published by DG MOVE.

European profiles

1. Temporary slippery road
2. Animal/People/Obstacles/Debris on the road
3. Unprotected accident area
4. Short term road works
5. Reduced visibility
6. Wrong-way driver
7. Unmanaged blockage of a road
8. Exceptional weather conditions

An important deliverable was issued in 2018: The DATEX II recommended reference profile for SRTI messages. Based on the joint TISA-DATEX II-Amsterdam Group list of events detailing the 8 data categories from the regulation, a profile has been created and published. This first profile is the basis for the creation of profiles for all data categories mentioned in the Delegated Regulations A, B and E.

Liaison and outreach in 2018

The innovation in the ITS value pie is creating more and more interdependent stakeholders, both in operational domains, technology and the operating environment. To enable the optimal digitalization of these focus areas DATEX II is strengthening its cooperation with a variety of stakeholders. This cooperation varies from the alignment of standards to providing support with the DATEX II toolkit in order to develop domain extensions on DATEX II.

In 2018 we collaborated with:

- CEN WG17 to develop an integrated, harmonised and aligned set of standards for urban ITS in order to transform mandate 546 into standards that are complementing the existing DATEX II scope.
- EGUM (expert group on urban mobility) and UVAR community to come to an aligned approach of the digitalisation and publication of the Urban Vehicle Access Regulations, that cities install to comply with the EU Directive on Clean air. The requirements that come from this expert group will be transformed into a DATEX II publication that integrates also the METR work.
- TM2.0 and Socrates 2.0 are working on new concepts of traffic management. The development of a DATEX II Traffic Management Plan publication in combination with DATEX II CIS fully supports the functional requirements stemming from these partnerships.
- AEOLIX is developing extensions for the logistic value chain on DATEX II. We are supporting this initiative by providing guidance and validating the work done.
- TN-ITS is a special one: the relevance of map data for adequate ITS services is increasing rapidly. The domain of map data and operational data as addressed by DATEX II is getting closer and closer. With TN-ITS we are working on a common vision on how to manage the maturing process of both domains.
- Transmodal/NeTEx and the Alliance for Parking Data Standards to achieve harmonised and interoperable models for Parking.

PRIVACY POLICY

Check our web policy

SITEMAP

Sitemap

GET IN TOUCH

For issues concerning the DATEX II website, contact the webmaster at webmaster@datex2.eu.

For all requests related to the content found on the website please send a message to helpdesk@datex2.eu.

DATEX II LINKS

USER ACCOUNT MENU

Edit account

Web File Manager

Log in