



Innovative cloud solution for seamless V2X communication



At the ITS World Congress in Dubai (September 16 – 20), IAV is presenting an innovation in the field of autonomous vehicle technology. IAV lumits, a cloud-based service, makes it possible for the first time to check messages in so-called Cooperative Intelligent Transport Systems (C-ITS) quickly and easily for their conformity. This development closes a critical gap in communication between vehicles and the transport infrastructure by ensuring that the messages exchanged comply with applicable standards and are understood by all participants.

IAV lumits closes the gap to reliable C-ITS

The company has been making IAV lumits available in a free beta version since May and is thus addressing a previously unsolved challenge in the C-ITS sector: manufacturer-independent, low-effort conformity testing to the specifications required by the standards and specifications. "The test phase has shown us that almost all the messages checked require corrections", says Kathrin Hagemann, Technical Consultant at IAV. "With IAV lumits, we offer an immediate, detailed analysis for every message and requirement, which enables errors to be rectified quickly."

IAV lumits supports current specifications such as C-Roads and CAR 2 CAR. The service is hosted on Amazon Web Services (AWS) and can be used via the web browser without any special software.

Kathrin Hagemann: "With the ITS World Congress, IAV lumits is officially going live, with a new web design for www.lumits.com, extended functions and the connection to the cloud system of our first partner consider it."



Press release



lumits.com



Video



Join our sunset event!

Tuesday, September 17
at 5 PM

IAV lumits spotlight
presentation

Sunset Connect
with snacks & drinks

ITS World Congress

September 16 – 20, 2024,
Dubai World Trade Centre
United Arab Emirates

Thematic Sessions

C-ITS compliance: balancing regulation and innovation

Tuesday, September 17 at 2 PM
Sheikh Maktoum Hall A

Decoding C-ITS compliance: a multi-stakeholder perspective

Thursday, September 19 at 4 PM
Sheikh Rashid Hall D