

ASECAP DAYS



COSTA NAVARINO 2019

47TH ASECAP STUDY & INFORMATION DAYS

Tomorrow's Mobility...Is Here Today!

*Costa Navarino, Messinia, Greece
29-31 May 2019*

www.asecapdays.com



Organized by





Cisco Systems

Hein Dekkers
Technology Officer IoT





Hannover
Kassel
Dortmund
Westkreuz Frankfurt

Köln
Wiesbaden
Kelsterbach

München
Würzburg
Offenbach
F-Süd

IoT for Transportation



Road
Authorities

TomTom

Google

Ministry of
Infrastructure

HERE

Ways

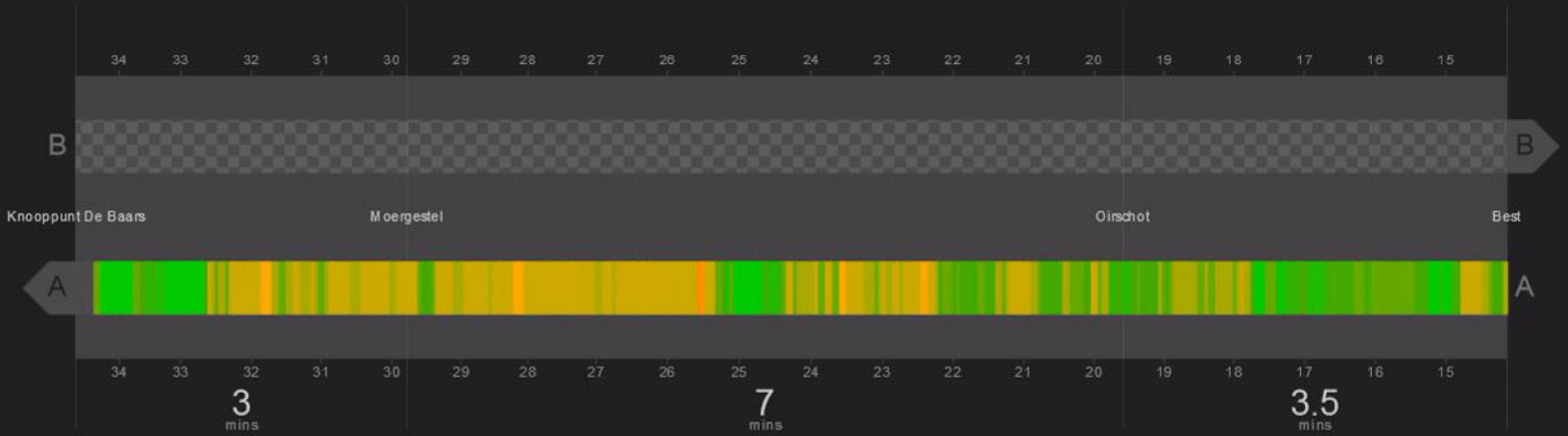
Traditional Loops

Floating Car Data



Vehicle Count Off Alerts Congestion Queues / Incidents Live / Replay

A58 Tilburg - Eindhoven



Time: 12/10/2016 07:02:59



Journey times are based on slow lane speeds

Galder - De Baars	17.5
De Baars - Eindhoven	13

12/10/2016 07:03:12

3:53 06:54 06:55 06:56 06:57 06:58 06:59 07:00 07:01 07:02 07:03 07:04 07:05 07:06 07:07 07:08 07:09 07:10 07:11 07:12 07:13

1x 10x 50x 100x

month week day hour min || min hour day week month

ITS 5G Intelligent Traffic System 5G

Weather sensor



LiDAR sensor



Digital highway sign (VMS)

WRONG-WAY DRIVER ALERT USE EXTREME CAUTION



IR 829



IC 3000



TMC cloud



Essential data processed and analyzed at the edge



ITS OBU

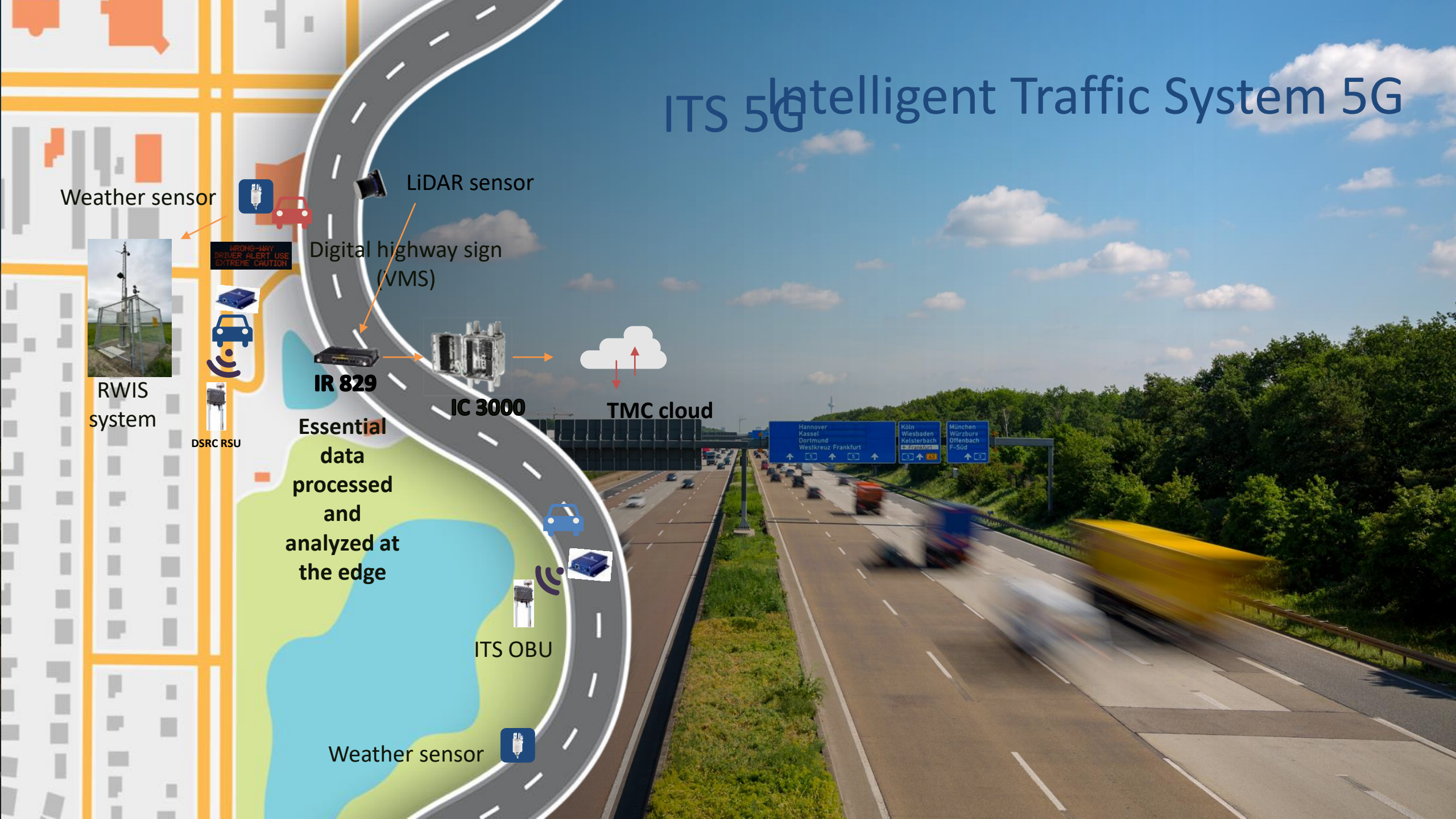


Weather sensor



RWIS system

DSRC RSU



Data Services

- Data Extraction
- Data Delivery
- Kinetic

Distribute

Manage

Consume

Transport

Connect

