Continental Commercial Vehicle Days
Study “Cybersecurity in Road Transport”

Dr. Mathias Dehm | September 8, 2020

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Commercial vehicles are connected through a broad-based network.
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More connectivity, more vulnerability.

More vulnerability, more protection?
## Methodological profile of the study

**Qualitative expert interviews and an industry panel**

### Participants
Those responsible for cybersecurity in the commercial vehicle industry (associations, suppliers, transport companies, fleet companies, authorities)

### Format
- 45-minute talks based on guidelines
- Industry panel with 40 participants from transport & trucking companies and logistics providers

### Content of the study
Key questions on digitalization, the importance of cybersecurity, threats, measures, structures, sources of information and the need for improvement

### Cybersecurity
Vehicles, but also the vehicle environment and organizational structures

### Survey timeframe
Dec. 2019 – February 2020
The industry feels secure in terms of cybersecurity and only makes modest investments as a result.
The industry feels secure in terms of cybersecurity and only makes modest investments as a result. This policy entails risks.
We’ve paid enough attention to this topic.

We feel secure!

Defensive measures have been taken.

No larger investments planned.*

Source: Commercial Vehicles Study 2020 with a focus on cybersecurity.
Based on: companies with commercial vehicles at the company site (n=33), *resp. transport, logistics or forwarding companies (n=40)
The cybersecurity gap is widening.
Big differences between large and small companies
Cybersecurity is not a “band-aid”. It needs to be properly anchored throughout the company.
Software version on the vehicles
Frequent trust in manufacturers and workshops

Question: Do you know for sure which software version is being used on your company vehicles – and whether or not this software is affected by known security loopholes? Please indicate which of the following statements applies to you.

- The manufacturer informs me about important vehicle updates.
- The workshop checks the software.
- The software version can be centrally checked.
- Software updates are installed immediately.
- The software version can be checked on the individual vehicle.

Source: Commercial Vehicles Study 2020 with a focus on cybersecurity.
With an increase in connectivity and automation, cybersecurity is essential to enable a safe journey.
Cybersecurity is an important part of the transport industry. It will continue to grow in importance!

- Cybersecurity protects the benefits of digitalization. That’s why it is especially relevant for the commercial vehicle industry.
- Cybersecurity should take the big picture into account – covering fleet operators, vehicle manufacturers and component suppliers.
- More companies will be willing to invest, but only when the true value of cybersecurity becomes clearer or relevant regulations come into force.
- The UN ECE WP.29 regulation is an important step towards greater vehicle security. Cybersecurity will become increasingly important as the level of connectivity grows.