# Status report on the activities of TF-CS/OTA

11th session WP.29 IWG ITS/AD

16 March 2017, UNECE, Geneva

# Status report on the activities of TF-CS/OTA

Overview on Task Force – Cyber Security, Data Protection and Over-the-Air issues

Start of activity: 21 December 2017
(kickoff meeting at UK DfT, London)

Co-Chair: Mr. Darren Handley (UK/DfT)
Mr. Tetsuya Niikuni (Japan/NTSEL)

Secretary: Mr. Jens Schenkenberger(OICA/Hyundai)

Participants: Contracting Parties (AU, BE, CN, EC, *EG*$^*$, FR, DE, JP, KR, NL, NO, *RU*$^*$, ES, SE, CH, UK, U*S*$^*$)
NGO (ITU, FIA, CITA, *IRU*$^*$, ISO, SAE, OICA, CLEPA)

Participation: Type approval and cyber security experts approx. 30 people per meeting

*\* No active participation yet* 2

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Cyber security:

- Identify and consider key risks and threats:
  **Threat analysis** for all aspects (cyber security in general, data protection and software updates – incl. over the air updates) to be considered **in one common approach**

- Agree and **define principles/objectives to mitigate cyber security risks**

Data protection:

- **Legal aspects** of data protection are **out of scope** of TF-CS

- Data protection issues related to **technical security issues** (within general threat assessment for cyber security)

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Software updates (incl. Over-the-Air issues)

- The group confirmed considering **pre- and post registration** software update issues

- The group agreed to look at how to perform **post registration** software **updates**, incl. **responsibilities of stakeholders**.

- Further consideration shall be given to the verification of the software status (configuration control)

- **Security** related issues of software updates are considered in the cyber security part

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│   ┌──────────────┐      ┌──────────────┐      ┌──────────────┐             │
│   │     Data     │      │    Cyber     │      │   Software   │             │
│   │  protection  │      │   Security   │      │   updates    │             │
│   └──────────────┘      └──────────────┘      └──────────────┘             │
│    ┌─────┴─────┐              │           ┌─────────┴─────────┐             │
│  ┌──────┐  ┌──────────┐       │        ┌──────────┐  ┌──────────────┐       │
│  │Legal │  │ Security │       │        │ Security │  │Type approval │       │
│  │aspects│ │ aspects  │       │        │ aspects  │  │   aspects    │       │
│  └──────┘  └──────────┘       │        └──────────┘  └──────────────┘       │
│                                                   ┌──────┴──────┐           │
│   out of scope       ┌──────────────────┐      ┌──────┐  ┌──────────┐       │
│                      │ Threat analysis  │      │ pre- │  │  post-   │       │
│                      └──────────────────┘      │regis.│  │ regist.  │       │
│                                                └──────┘  └──────────┘       │
│                       Table of treats                                      │
│                                                │Develop flow diagram│       │
│                      ┌──────────────────┐                                   │
│                      │ Define mitigation│      │Define approval method│     │
│                      │   principles     │                                   │
│                      └──────────────────┘                                   │
│                                                                            │
│        ┌──────────────────────────────────────────────────────┐           │
│        │ Develop guidance/recommendation for ITS/AD            │           │
│        └──────────────────────────────────────────────────────┘           │
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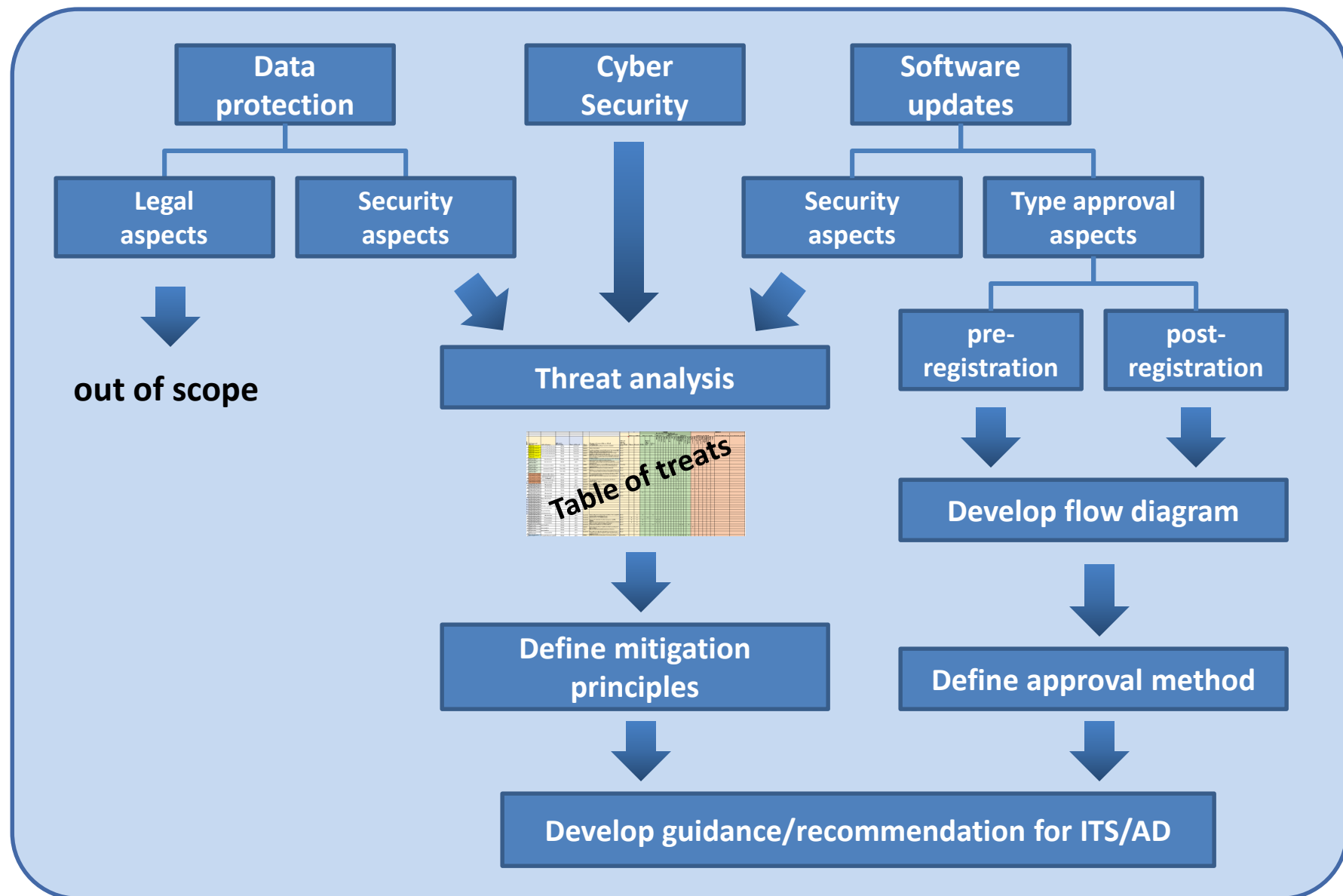
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Timeline

- The group aims at delivering guidance to WP.29 IWG ITS/AD after first full year of work (Dec 2017)
- After this first year TF-CS will suggest whether further activities are necessary

| TFCS-01 21.12.2016 London | TFCS-03 16.-17.02.2017 Paris | TFCS-04 13.-14.03.2017 Geneva | TFCS-05 10.-11.05.2017 Paris | TFCS-07 Aug/Sept 2017 Europe | TFCS-09 … |
|---|---|---|---|---|---|

| TFCS-02 21.12.2017 Webmeeting | ad hoc Threats 08.02.2017 Webmeeting | ad hoc Threats2 April 2017 Webmeeting | TFCS-06 13.-14.06.2017 Washington | TFCS-08 October 2017 Tokyo |
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