# Validation & Certification 2021/22

**Andre Heinrich - Validation & Certification Board Coordinator**

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# NDS.Classic Certification Bench

Four major updates

- CB 4.8 up to version 4.11

- Including:

  - Lane FTX

  - Signature FTX

  - New Test Cases

  - Bug fixing

Version 4.12 is planned in late July

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# NDS.Live Certification Tooling

Several prototypes released

- Based on member feedback and member requirements

Next prototype is under construction

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# Certification Process Specification
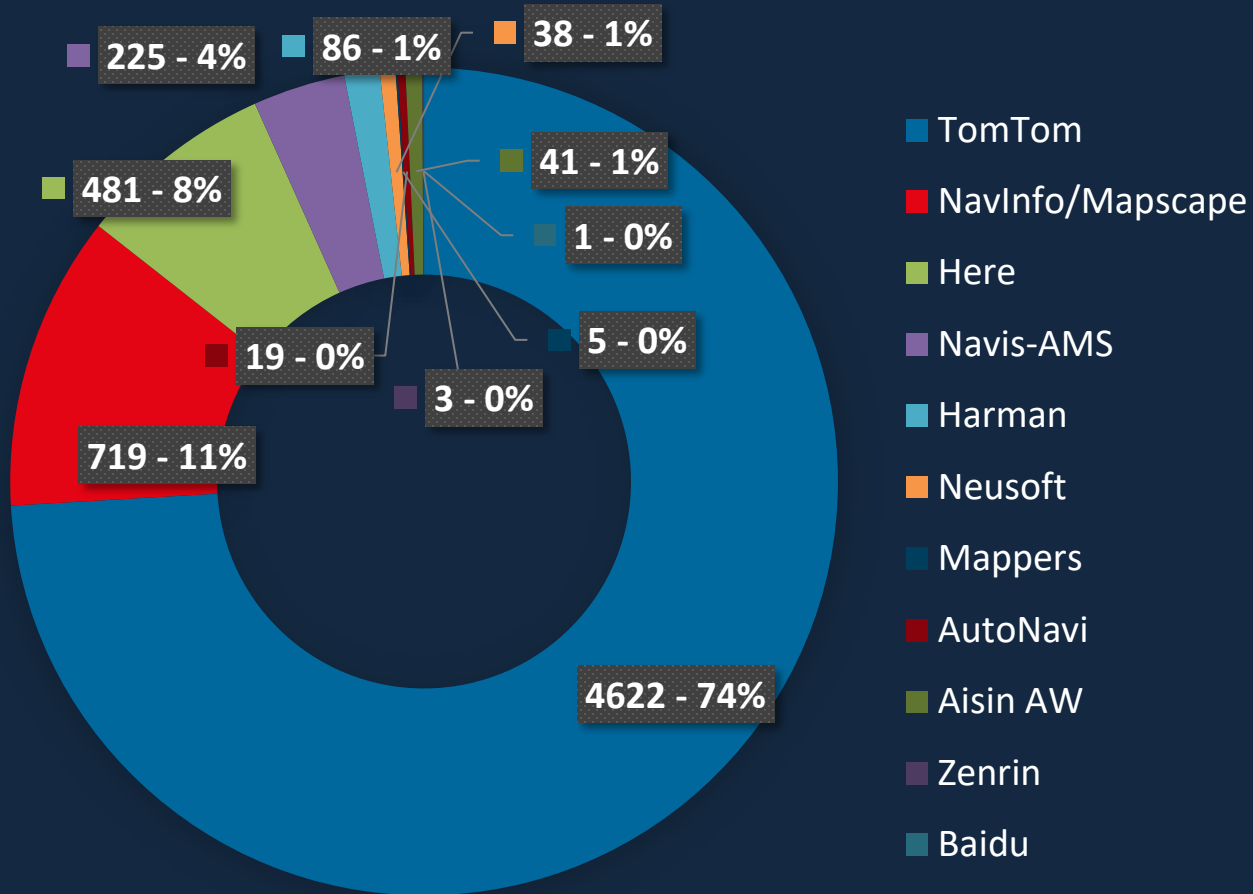
- Almost completed

# Certification Figures 1/2

- 6,240 Certificates published since the beginning
- 1,882 Certificates published since the last NDS Public Conference in June 2021

Certificates accumulated

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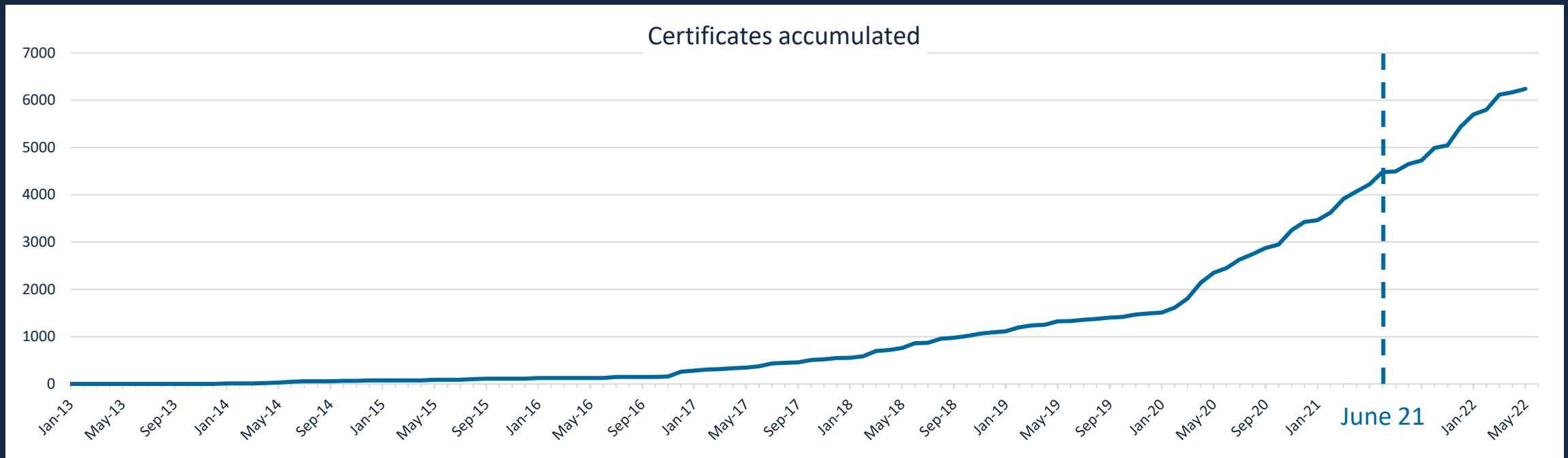
# Certification Figures 2/2

## Total Certificates per member



Legend:
- TomTom
- NavInfo/Mapscape
- Here
- Navis-AMS
- Harman
- Neusoft
- Mappers
- AutoNavi
- Aisin AW
- Zenrin
- Baidu

Chart labels:
- 225 - 4%
- 86 - 1%
- 38 - 1%
- 41 - 1%
- 481 - 8%
- 1 - 0%
- 19 - 0%
- 5 - 0%
- 719 - 11%
- 3 - 0%
- 4622 - 74%

## New Certificates since last NDS Public Conference

- 1,546 TomTom
- 139 Here
- 83 NavInfo
- 63 Navis-AMS
- 14 AutoNavi
- 14 Harman
- 13 Neusoft
- 9 Aisin AW
- 1 Zenrin

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# Next Steps

- Further releases of the NDS.Classic Certification Bench

- Further develop the NDS.Live Certification Tooling

- Improve NDS.Live documentation

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