



ICT Unit / Pirinen Jari (DVV)

12.8.2024

## Technology note – DVV certificate card ATR/ATS bytes

ATR/ATS bytes for certificate cards issued by DVV (formerly known as VRK) according to ISO 7816-3 and 7816-4:

### Thales MultiApp v5.0 (FINEID S4-1 v4.0)

Citizen eID card

In production 2023-03-13 →

Contact interface (ATR): 3B 7F 96 00 00 80 31 B8 65 B0 85 05 00 11 12 24 60 82 90 00

Contactless interface (ATS): 14 78 77 95 02 80 31 B8 65 B0 85 05 00 11 12 24 60 82 90 00

### Gemalto MultiApp v4.2 (FINEID S4-1 v3.1)

Citizen eID card

In production 2021-01-11 – 2023-03-12

Contact interface (ATR): 3B 7F 96 00 00 80 31 B8 65 B0 85 04 02 1B 12 00 F6 82 90 00

Contactless interface (ATS): 14 78 77 95 02 80 31 B8 65 B0 85 04 02 1B 12 00 F6 82 90 00

### Gemalto MultiApp v3.0 (FINEID S4-1 v3.0)

Citizen eID card

In production 2017-01-01 – 2021-01-10

Contact interface (ATR): 3B 7F 96 00 00 80 31 B8 65 B0 85 03 00 EF 12 00 F6 82 90 00

Contactless interface (ATS): 14 78 77 95 02 80 31 B8 65 B0 85 03 00 EF 12 00 F6 82 90 00

### Setec SetCOS 5.1.X

Citizen eID card

Legacy product

Contact interface (ATR): 3B 7B 00 00 00 80 62 00 51 56 46 69 6E 45 49 44

Contactless interface (ATS): N/A

### Idemia Cosmo X (FINEID S1 v5.0)

Social welfare and organizational cards

In production ~2025 →

Contact interface (ATR): 3B DD 96 00 80 31 FE 45 00 31 B8 64 04 29 EC C1 73 94 01 80 83 49

Contactless interface (ATS): 3B 89 80 01 00 31 B8 64 04 29 EC C1 73 94 01 80 83

### Idemia ID.me IDeal Citiz 2.17-i (FINEID S1 v4.0)

Social welfare and organizational cards

In production 2019-12-17 →

Contact interface (ATR): 3B DD 96 00 80 31 FE 45 00 31 B8 64 04 29 EC C1 73 94 01 80 82 48

Contactless interface (ATS): 3B 89 80 01 80 57 43 49 54 49 5A 32 31 91

### Oberthur Cosmo v7 IAS-ECC

Social welfare and organizational cards

In production ~2010 – 2019-12-16

Contact interface (ATR): 3B DF 96 00 80 31 FE 45 00 31 B8 64 04 29 EC C1 73 94 01 80 82 90 00 00

Contactless interface (ATS): N/A

### Segenmark FINEID

Health care and organizational cards

Legacy product

Contact interface (ATR): 3B 7B 18 00 00 80 62 01 54 56 46 69 6E 45 49 44

Contactless interface (ATS): N/A

