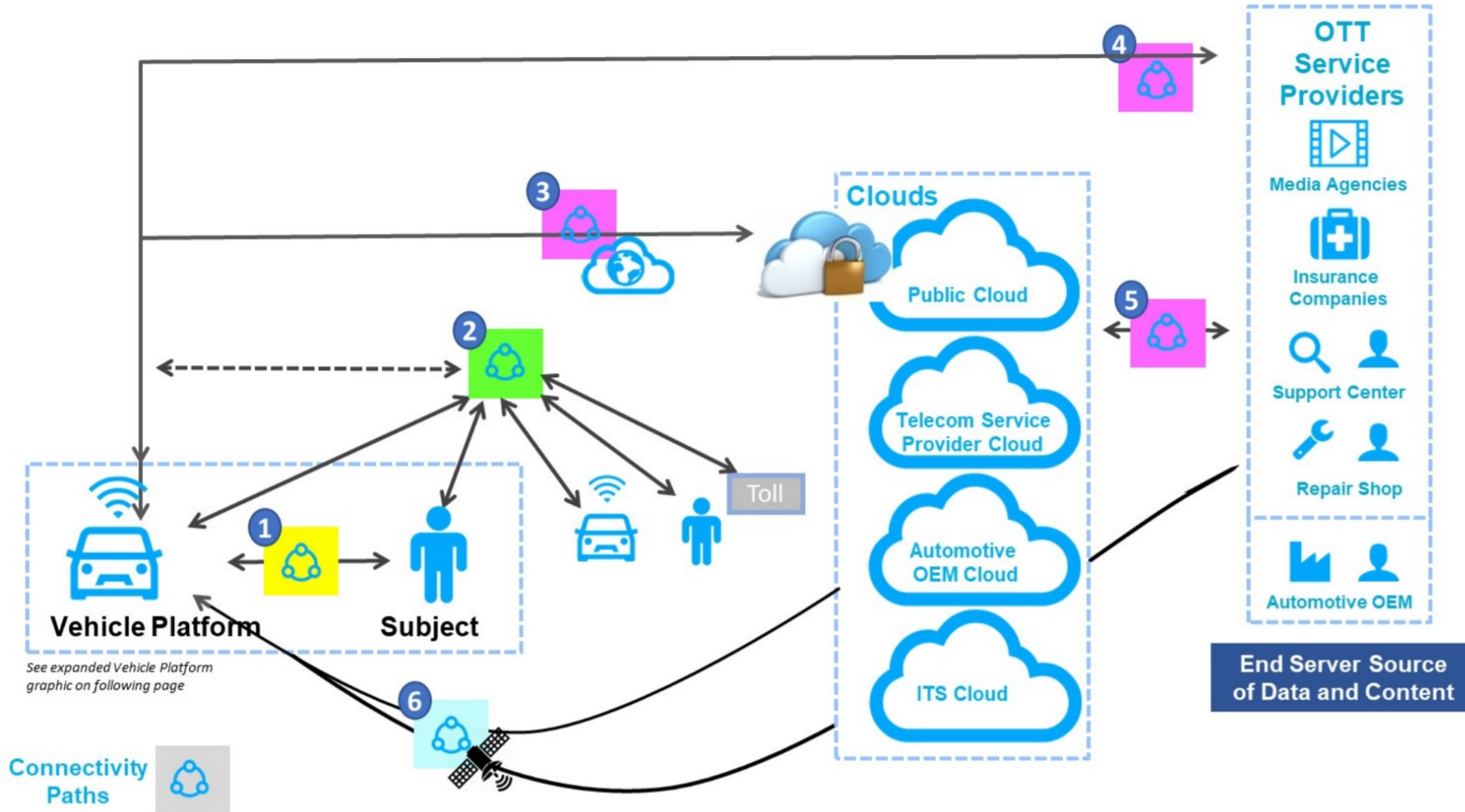


5G for secure software/firmware updates



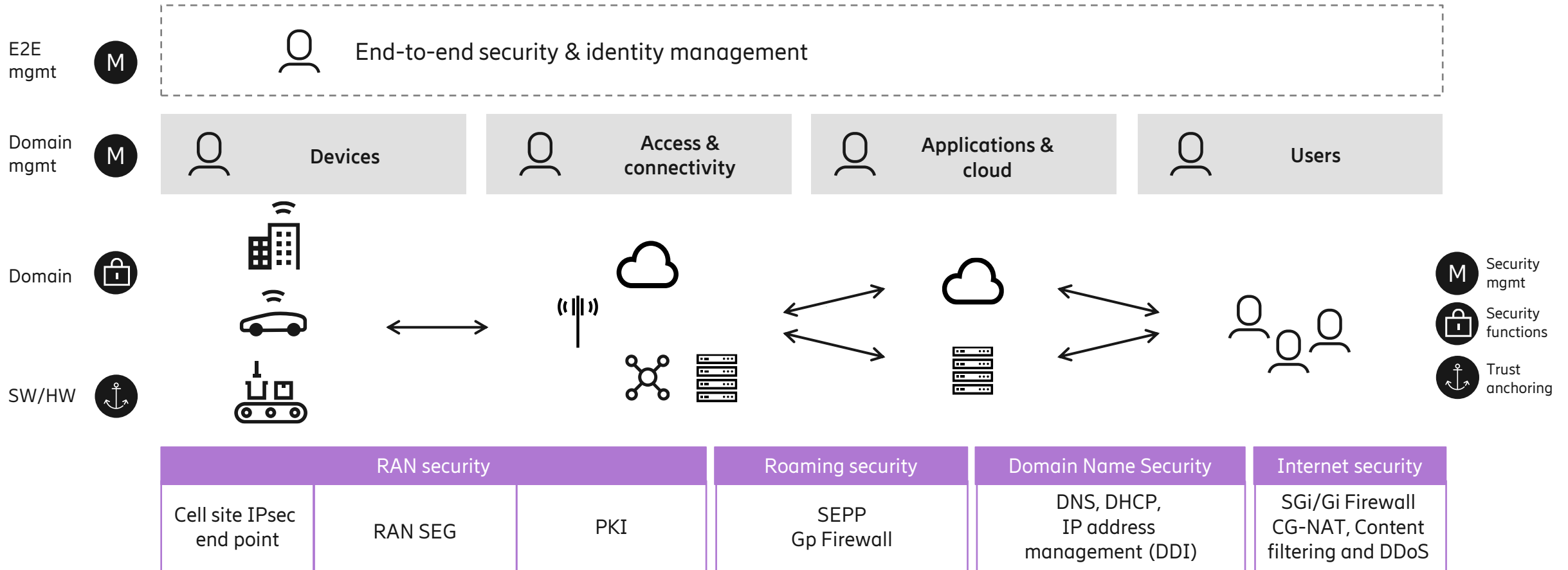
Connected vehicle paths

https://access.atis.org/apps/group_public/download.php/35648/ATIS-I-0000059.pdf



Secure platforms & applications

5G End-to-end security architecture



5G security controls



Trusted Identities

Credentials stored and processed in secure HW modules (SIM)

Network built for Zero-trust

All interfaces mutual authenticated, authorized, protected, ...

Confidentiality & Integrity protection

Hop-by-hop from device to data network

Security & Identity management

End-to-End from device to application & cloud

Separation & Isolation

For example, by using network slicing

