

TeleTrust-interner Workshop

Berlin, 26. - 27.06.2024

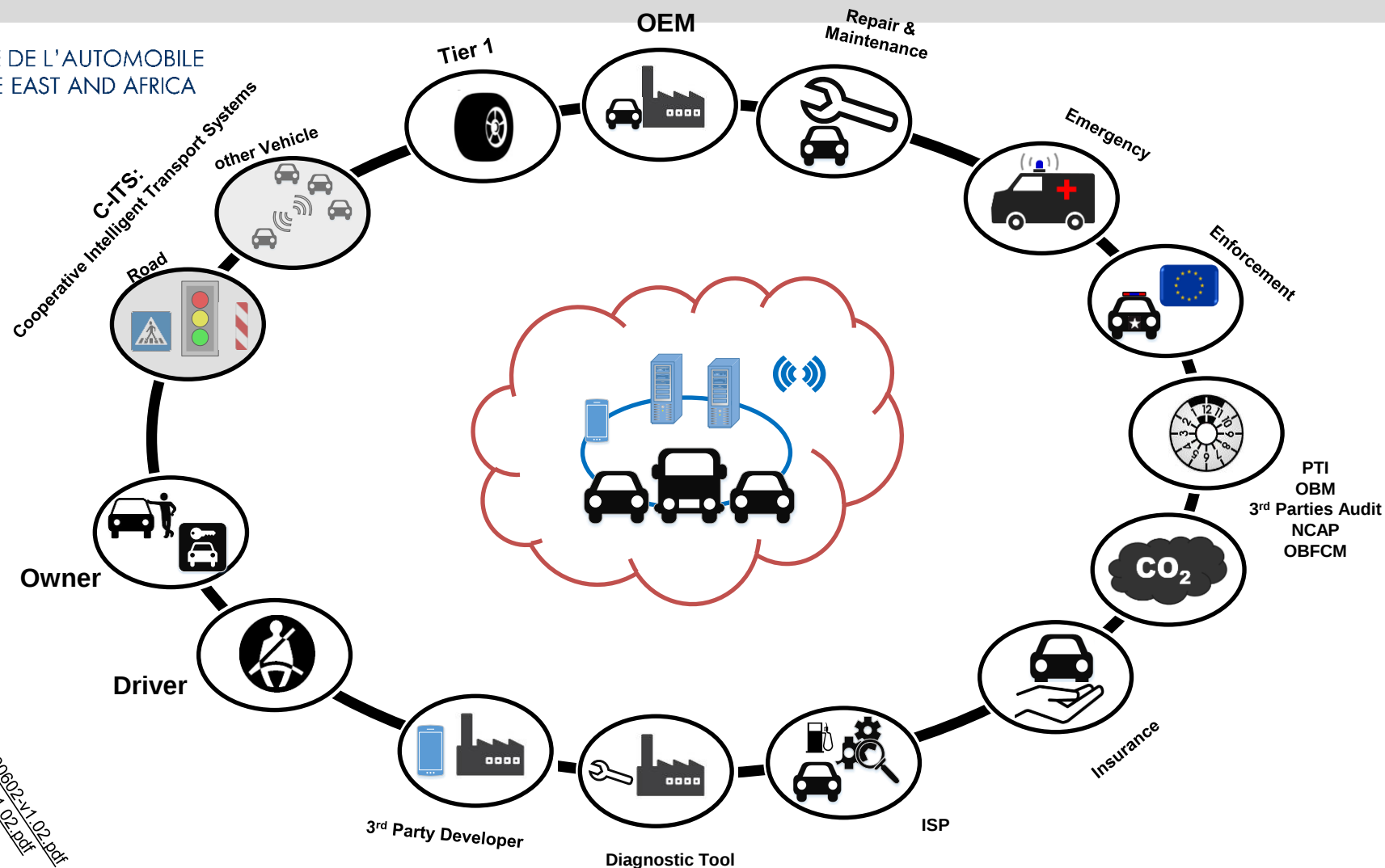
"Das autonome Fahrzeug der Zukunft"

Markus Bartsch, TÜVIT

Automotive Industry

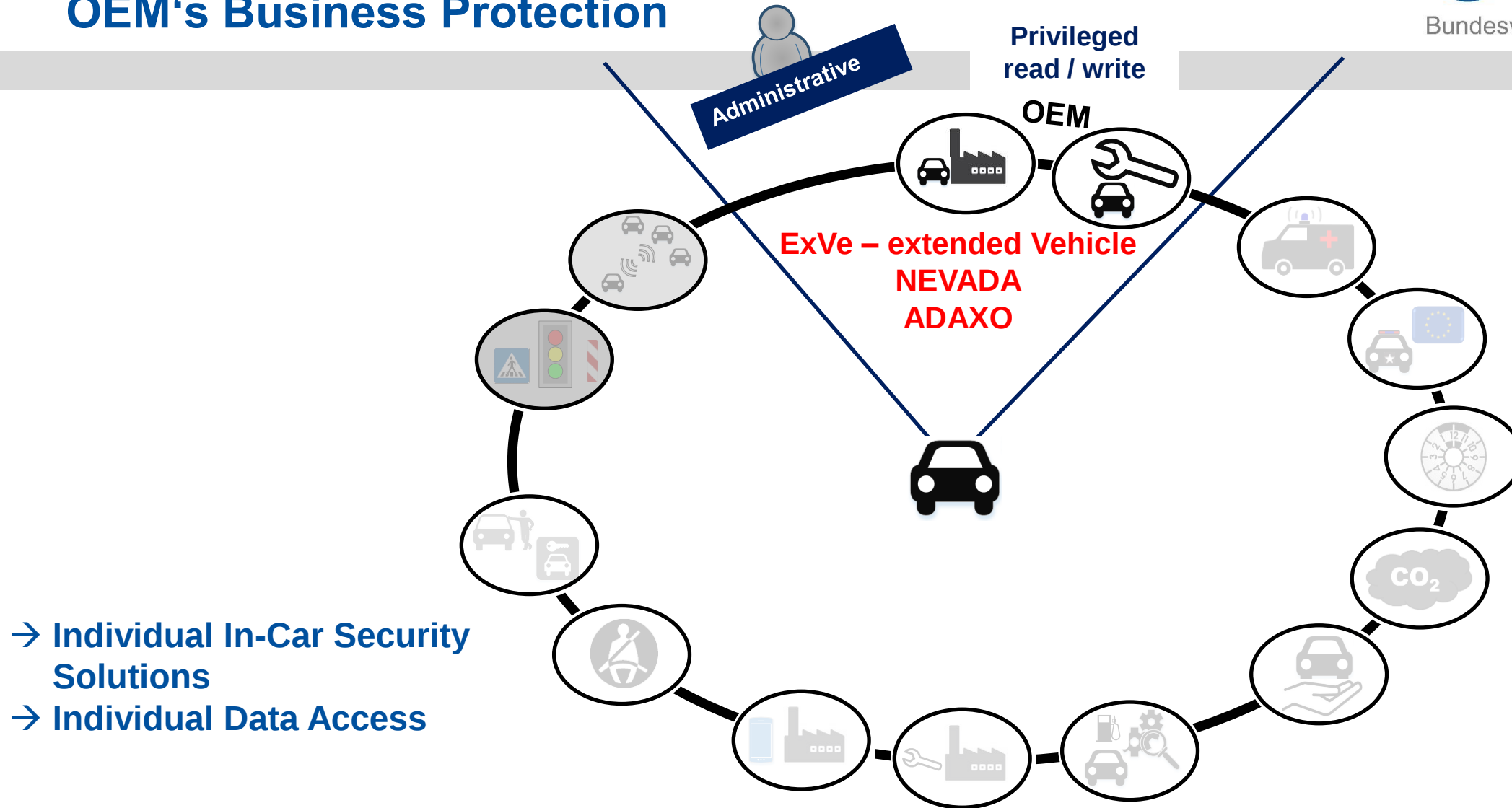


FEDERATION INTERNATIONALE DE L'AUTOMOBILE
REGION I - EUROPE, THE MIDDLE EAST AND AFRICA



https://www.tuvit.de/fileadmin/Content/TUV_IT/pdf/Downloads/tuvit-FIA-vehicle-security-report-200602-v1.02.pdf
https://www.tuvit.de/fileadmin/Content/TUV_IT/pdf/Downloads/tuvit-FIA-Protection-Profile-200602-v1.02.pdf

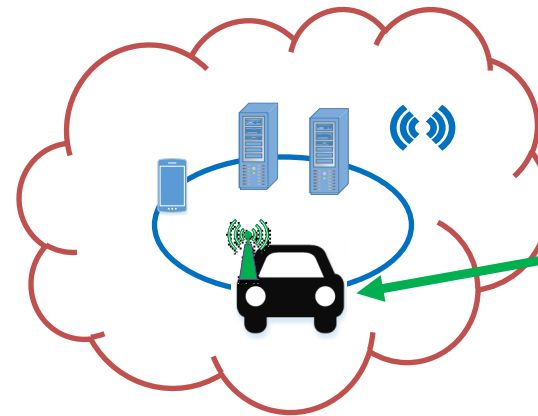
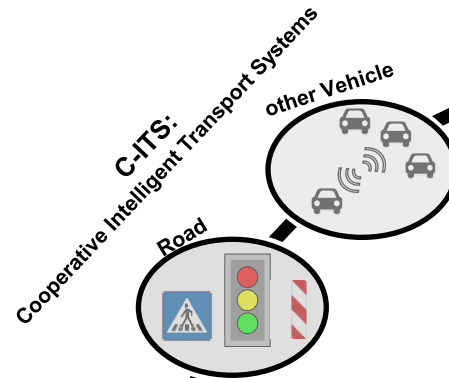
OEM's Business Protection



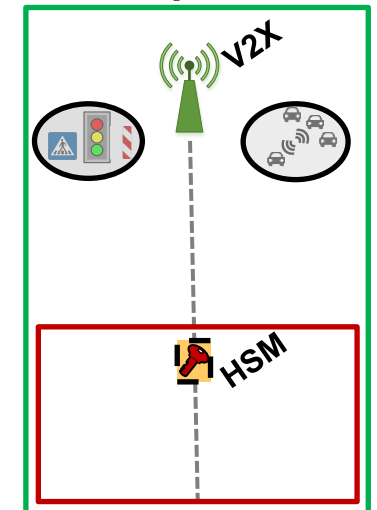
Autonomous Driving:

C-ITS: Cooperative Intelligent Transport Systems

IT Security
Systems



In-Vehicle
Component



- Standardized Approach
for outbound communication
- Basis for 3rd party
IT Security Evaluations

Automobile Industry: Challenge (1) IP



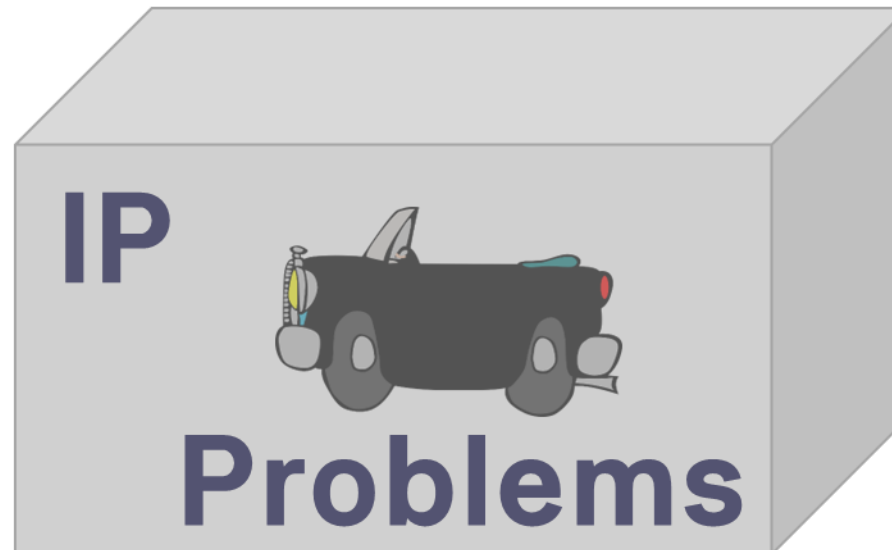
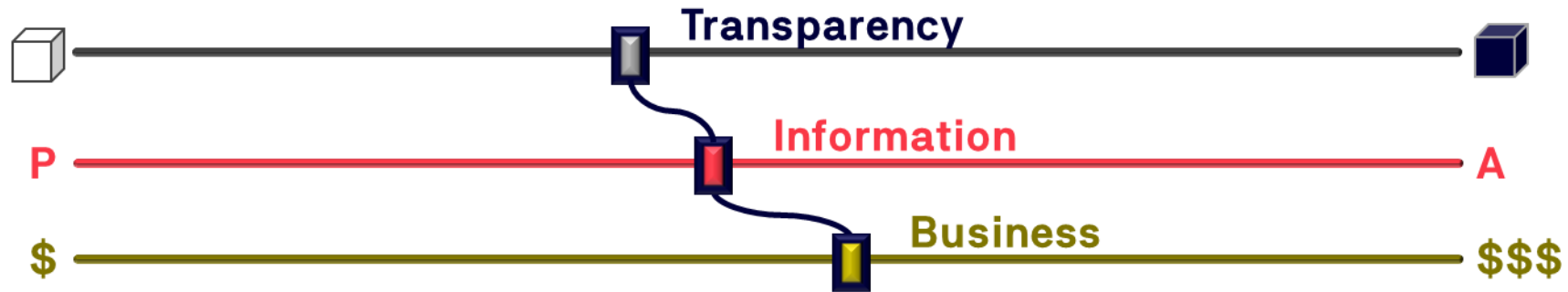
Automobile Industry: Challenge (2)

IP



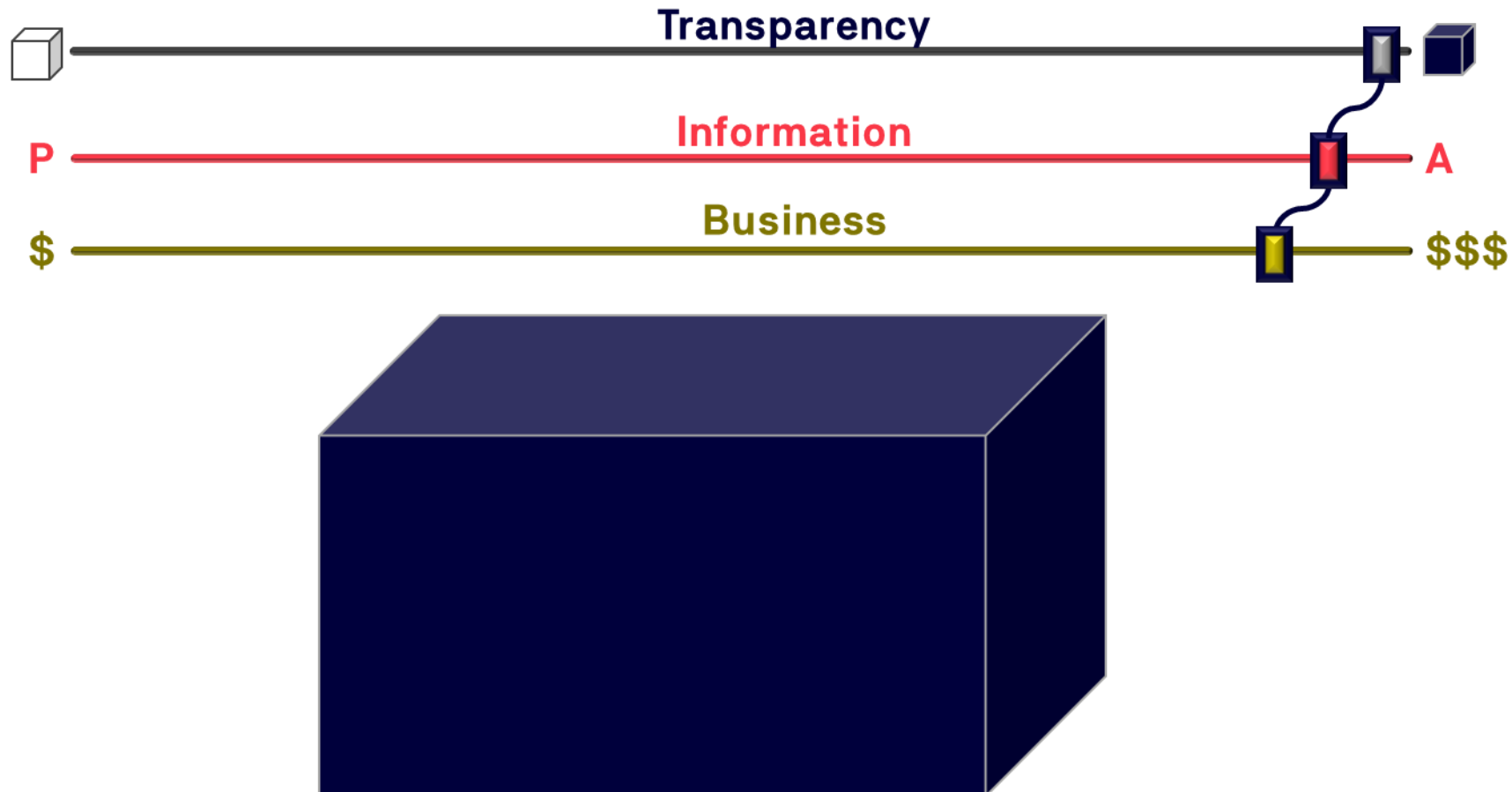
Automobile Industry: Challenge (3)

→ Transparency

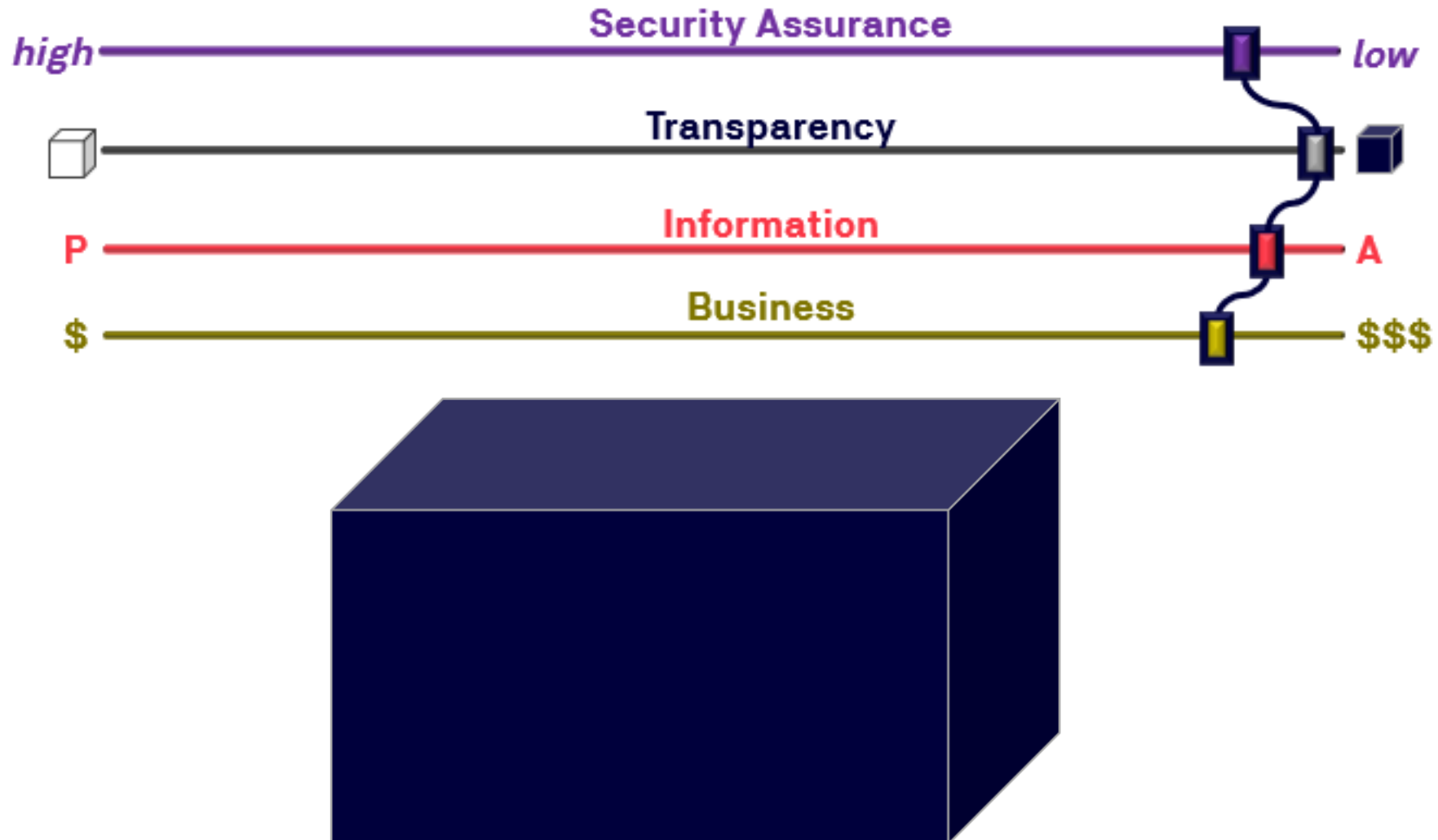


Automobile Industry: Challenge (4)

→ IP because of asymmetric Information

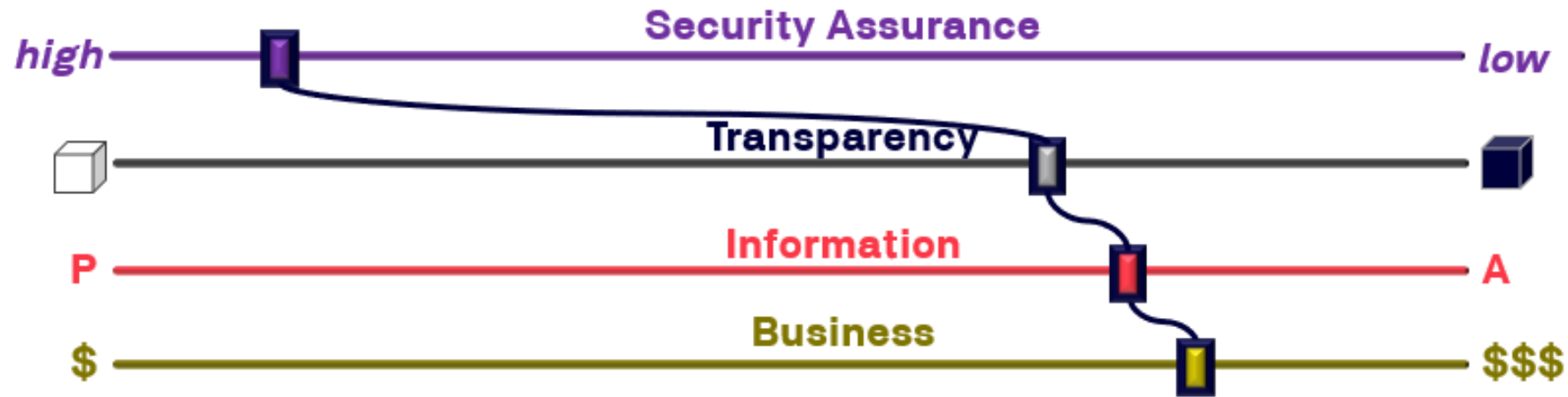


Automobile Industry: Challenge (5) Consequences for IT Security Features

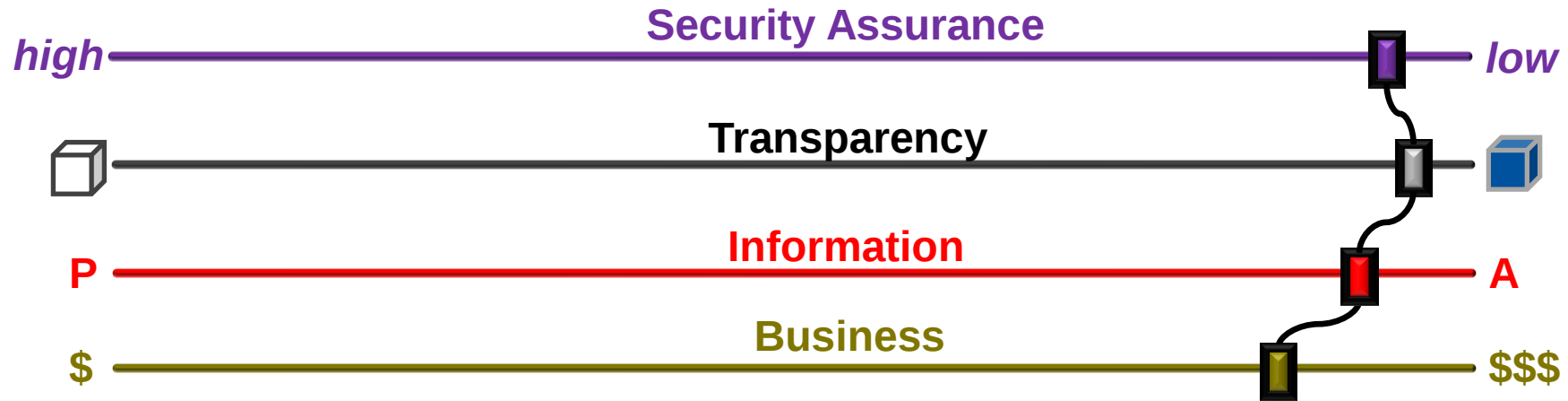


Automobile Industry: Challenge (6)

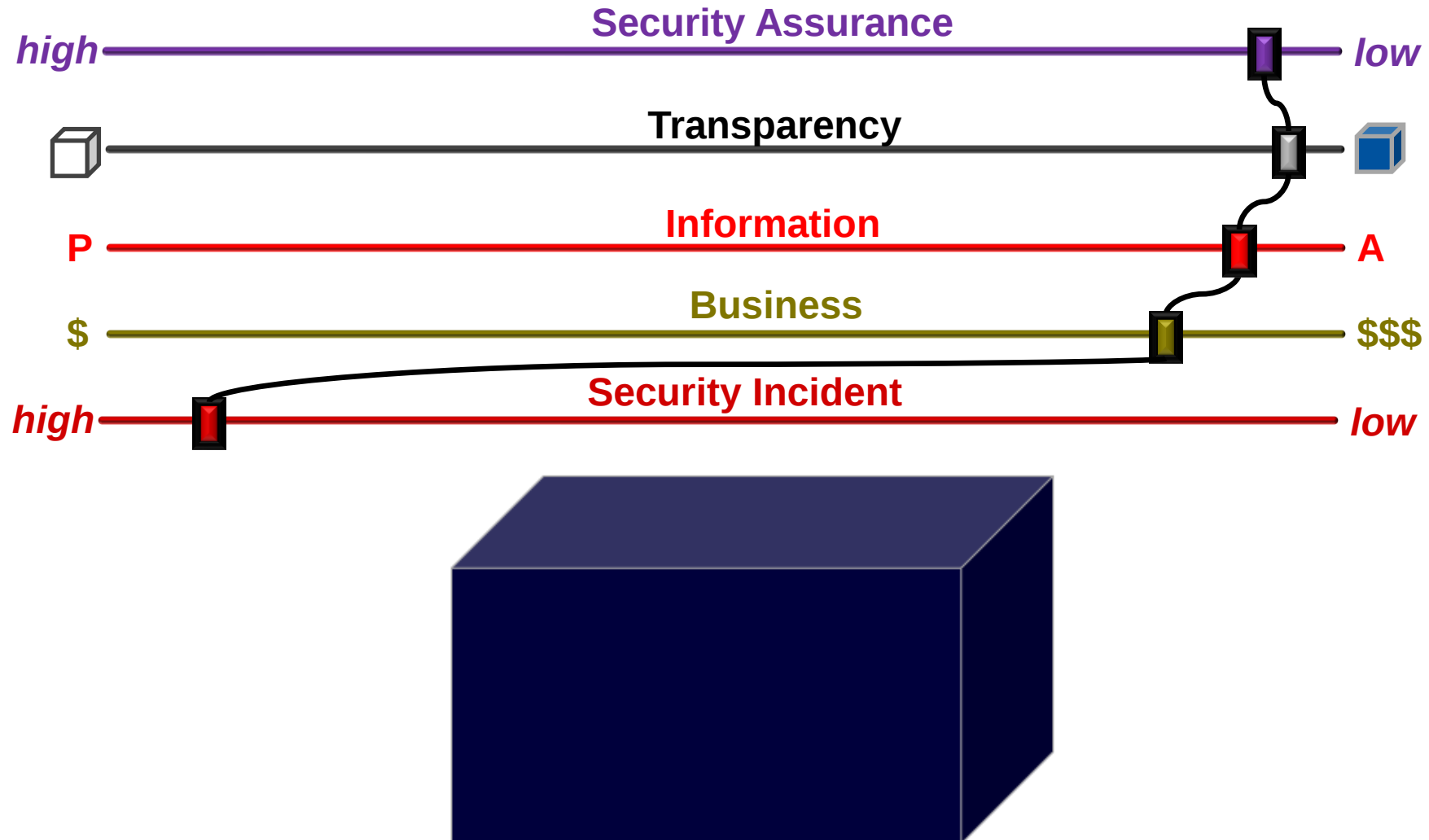
IT Security vs. Business



Automobile Industry: Challenge (7) current Status

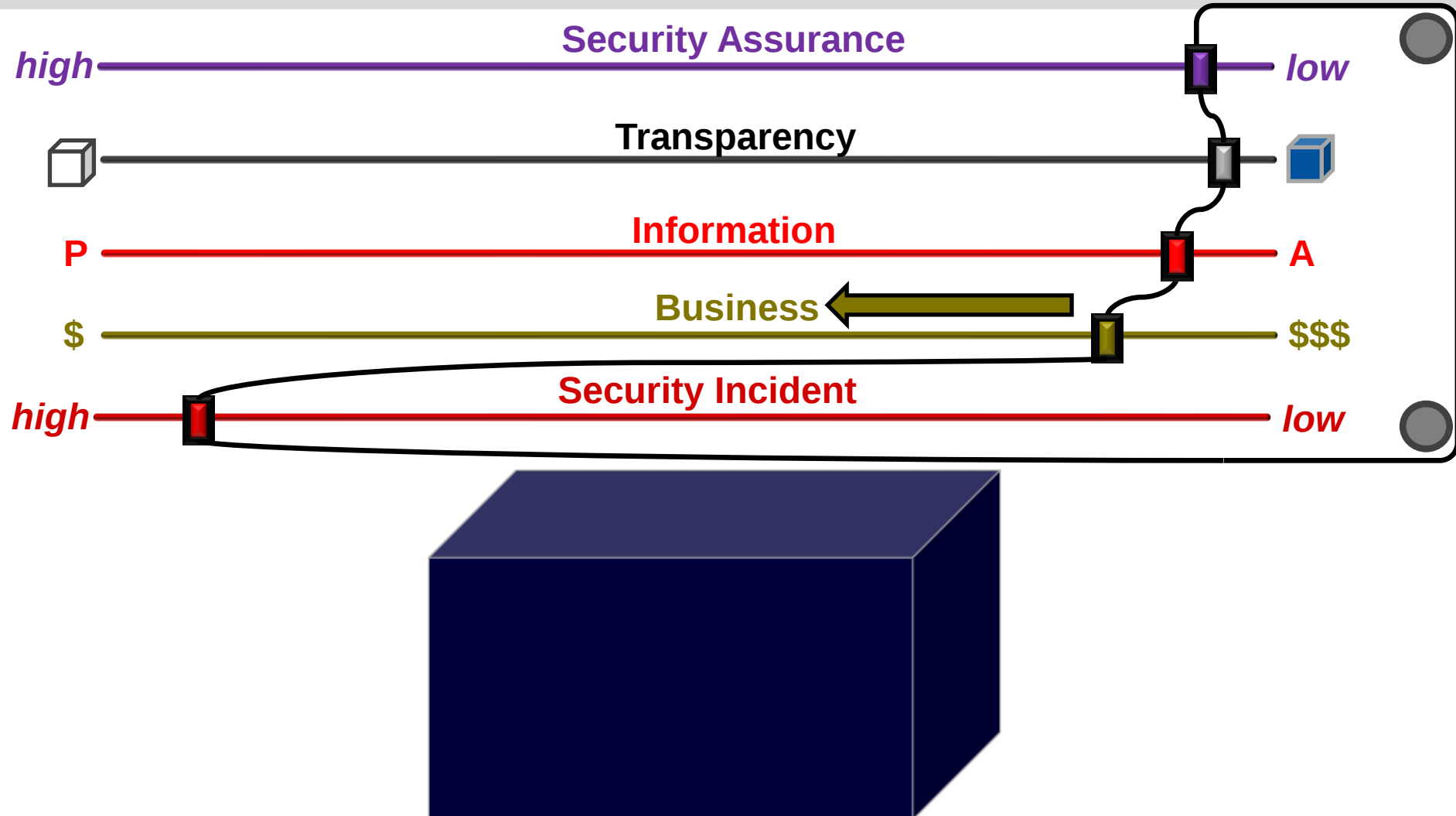


Automobile Industry: Challenge (7) current Status - Incident



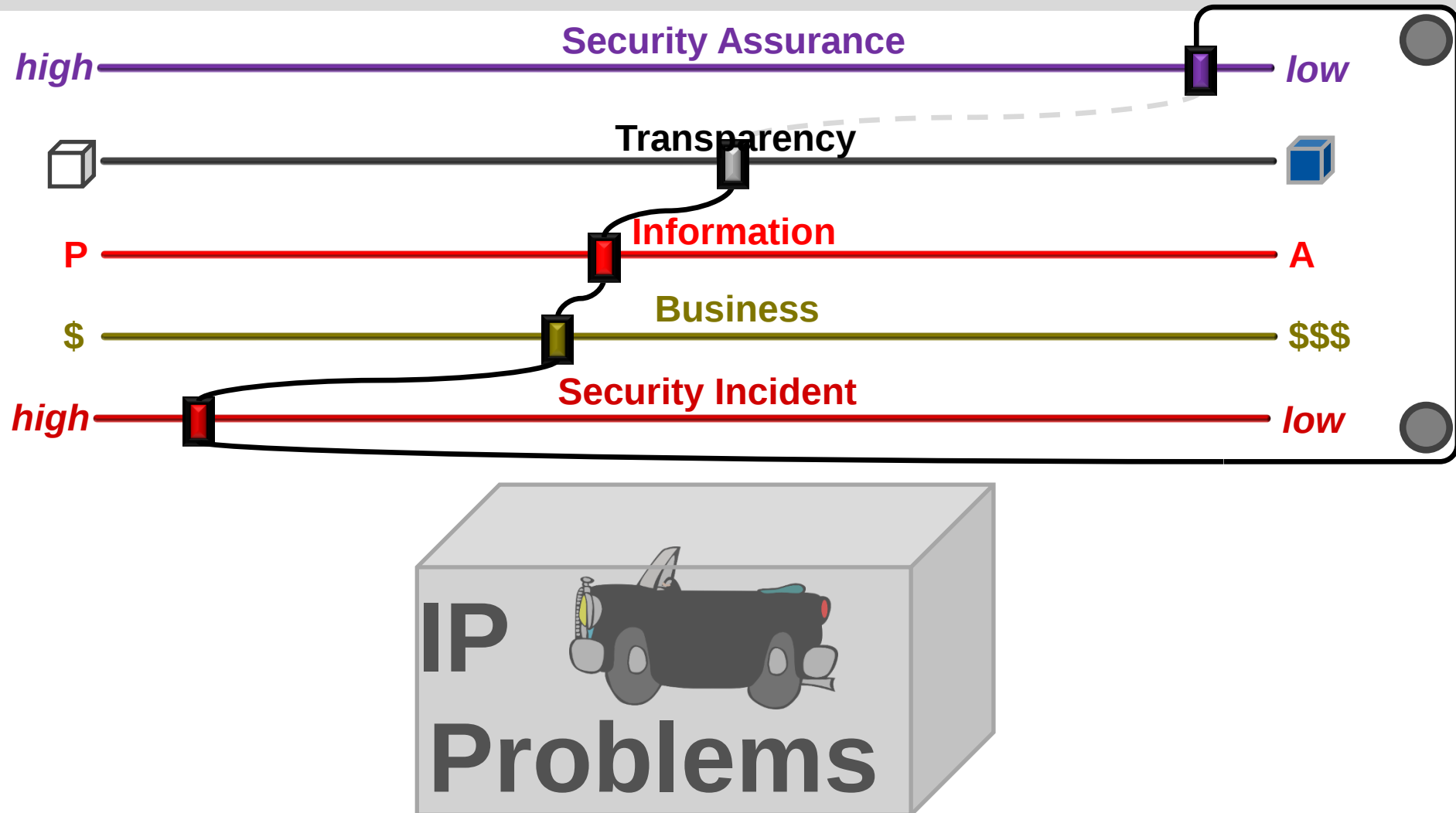
Automobile Industry: Challenge (7)

current Status – Incident → Impact to Business



Automobile Industry: Challenge (7)

current Status – Incident → final Situation



„Lass es wie einen Unfall aussehen!“



Automobile Industry: Challenge (8) possibly better

