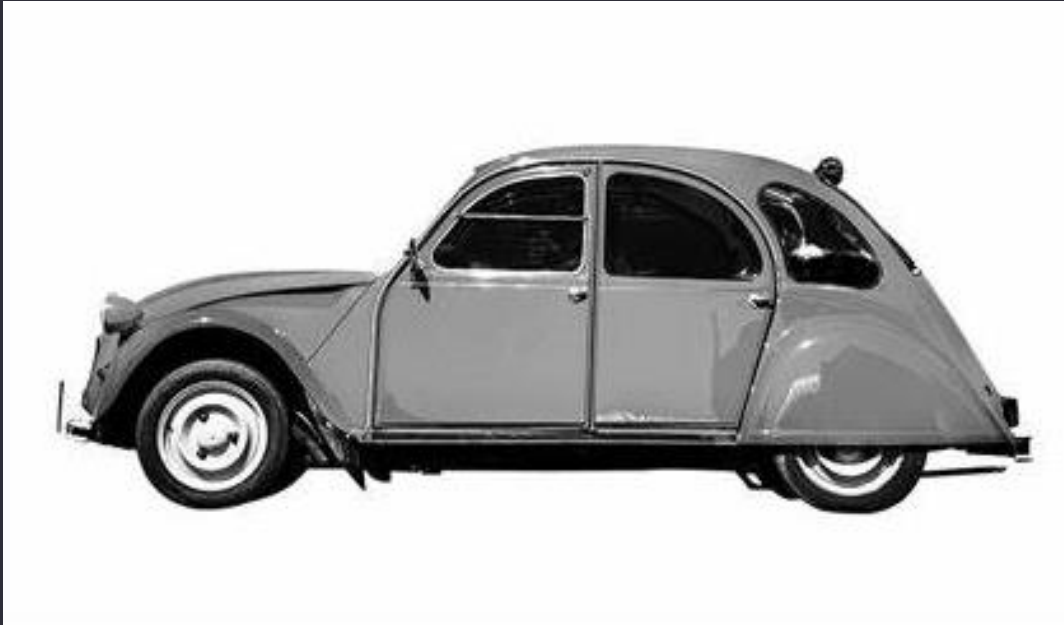


What is enough Security?

RESET | What should 'normal' today?

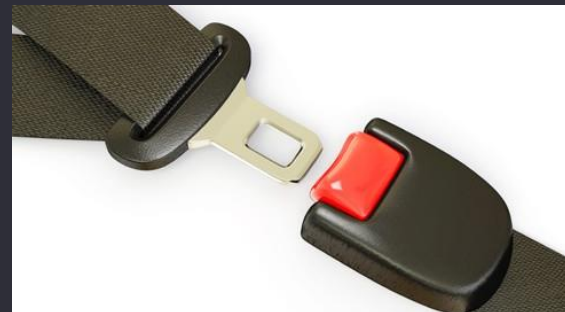
Risk Event | 16 November 2022

Normal car safety | Seat belts



First applied by Saab in 1958

From 1 January 1971 onwards, seat belts are mandatory for driver and seats next to driver connecting to a car door



Normal car safety | Airbags

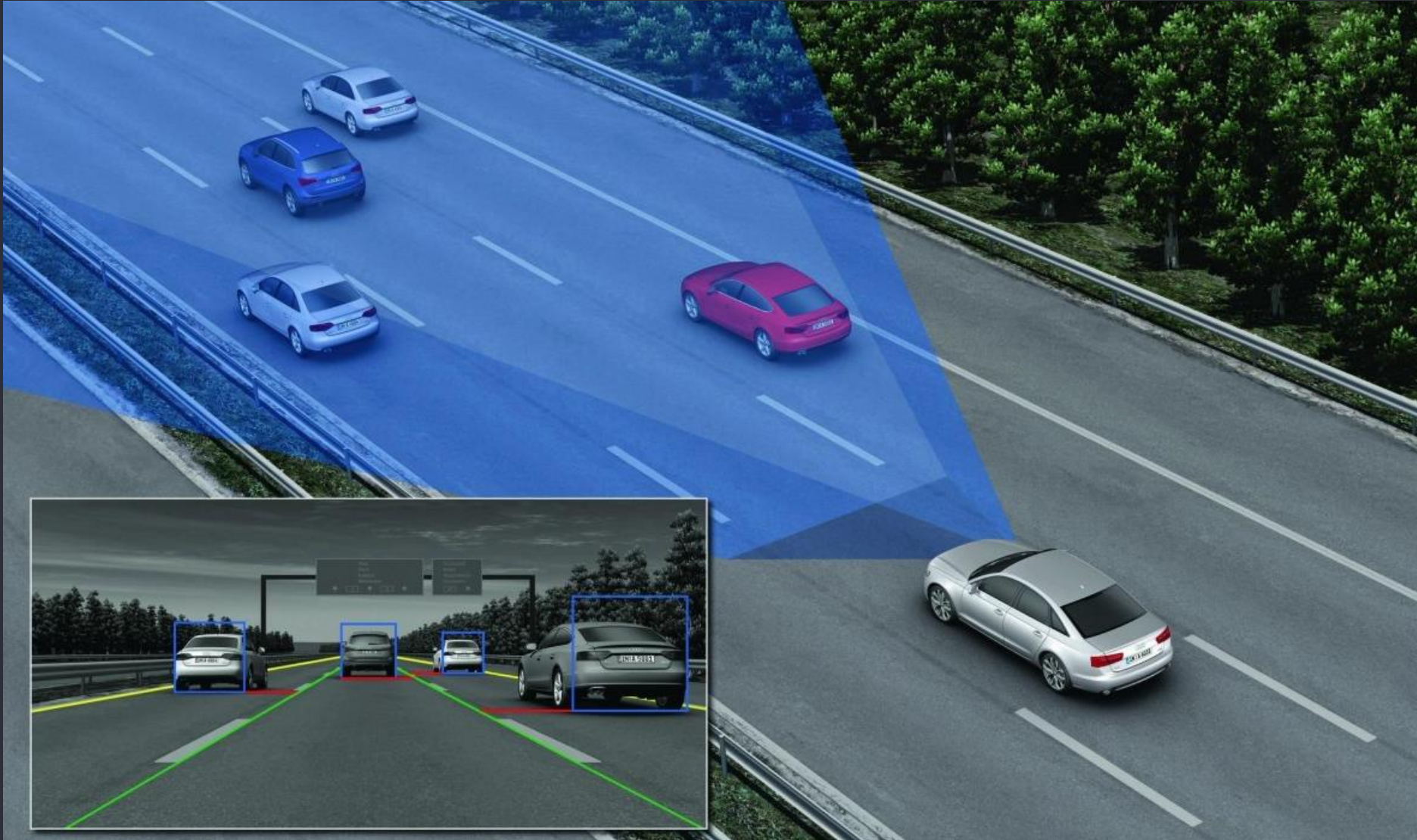


During the 80s and 90s, airbags became the 'Normal'

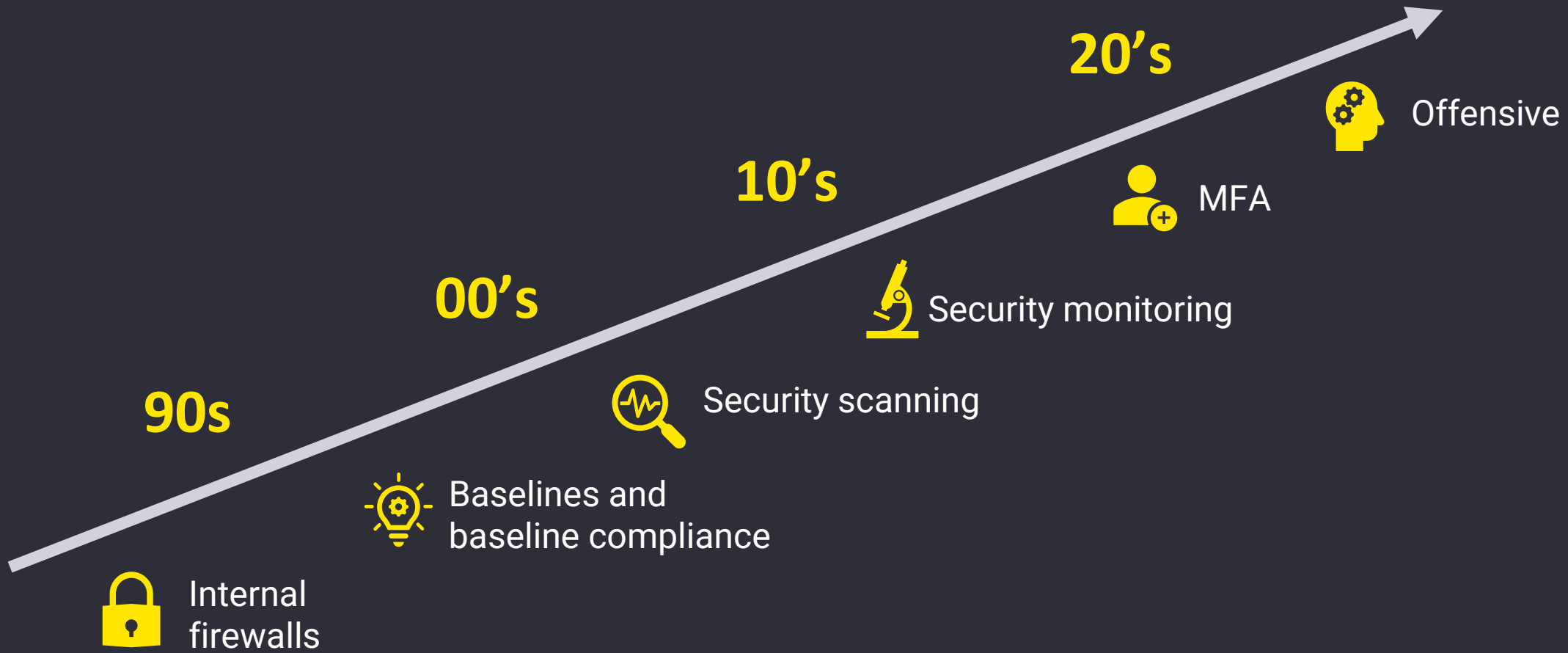
Note that airbags are not legally required !

Normal car safety | Adaptive cruise control

First adaptive cruise control in 1992, becoming 'normal' in the 20s



Normal IT Security



Extenal drivers vs Intrinsic motivation

Requirements

- ISO 27001 and ISO 27002
- BIO 2018
- AVG 2018
- ...

Mandatory audits

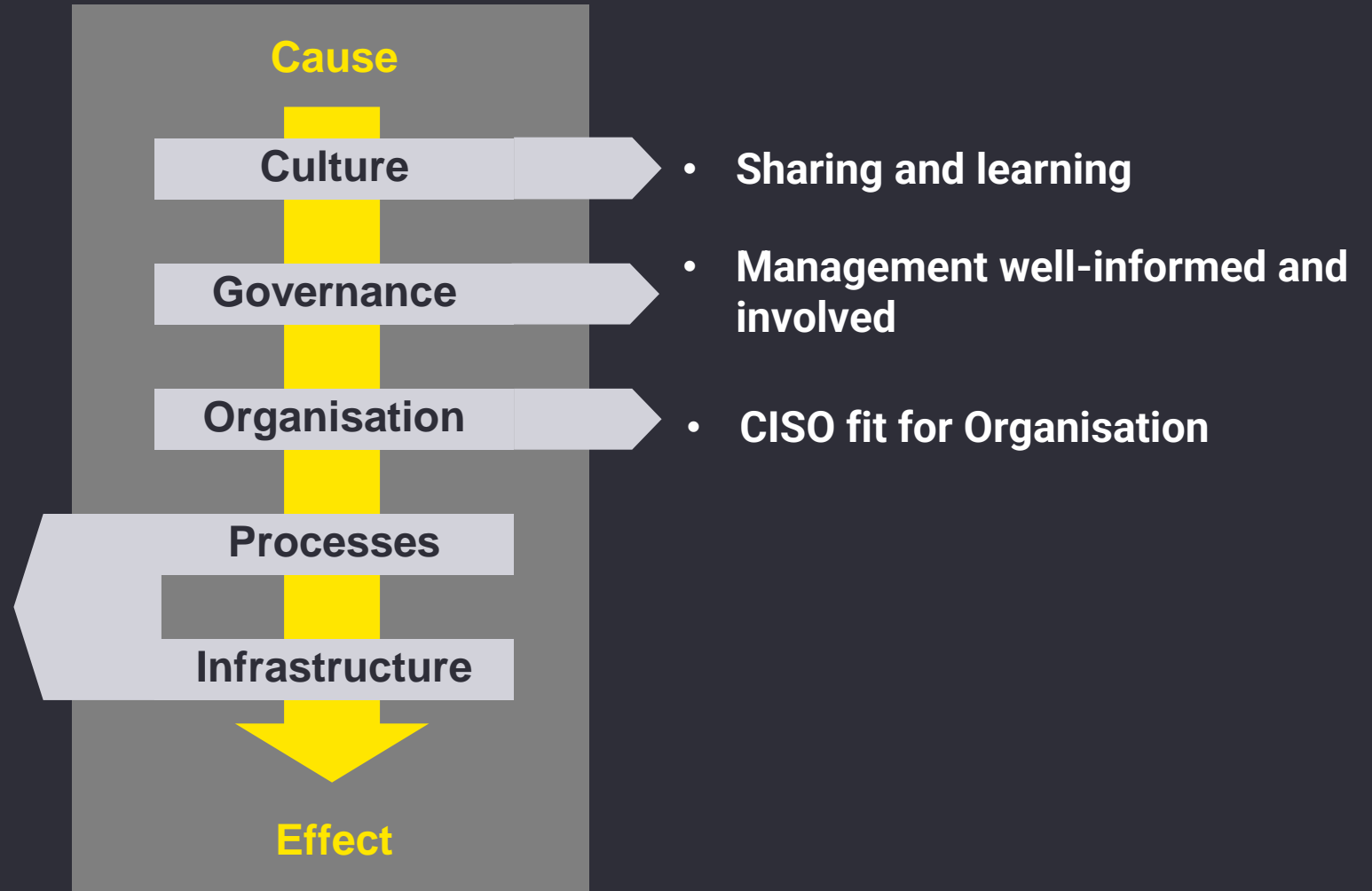
- DigiD
- SWIFT
- CA's
- ...
- UN R155 and R156
- ...

Penetration testing

- DNB's TIBER testing
- DORA's threat-based testing
- Dutch government intends to plan and budget for red teaming from 2025 onward
- ...

Normal Security | The great SECURITY reset

- **Acceptance of Basic Hygiene**
 - Secure IT components
 - Verified ID's and Access
 - Swift response to events
 - Recoverability**For all relevant IT and OT**



Security RESET | Sharing and learning with 3rd parties

1

Requesting

Contracting to share security status and security events

Connecting with peers in industry

Linking to key sources

2

Receiving

Ensure to receive

- Threat info
- Responsible disclosure info
- Third party
 - status info
 - Event info

3

Reviewing and Responding

Risk-based handling of shared security information

Security RESET | Management well-informed and involved

Ensure that management understands relevance of **Security**, enabling

- Information Protection and Business Resilience
- Compliance with applicable Laws and Regulations

Inform and discuss

- Residual cyber risks
- Developing cyber threats
- Current controls effectiveness
- Main cyber-related incidents
- Security progress



Security RESET | CISO fit for Organisation

Security
maturity



CISO
maturity



Security RESET | Enabling business go faster

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RESET requires

- CISO fit for Organisation
- Well-informed management
- Sharing and learning
- Basic hygiene resolved

And enables

- Making it easier to
 - Move forward with security controls such as Zero Trust
 - Adapt security based on business needs



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