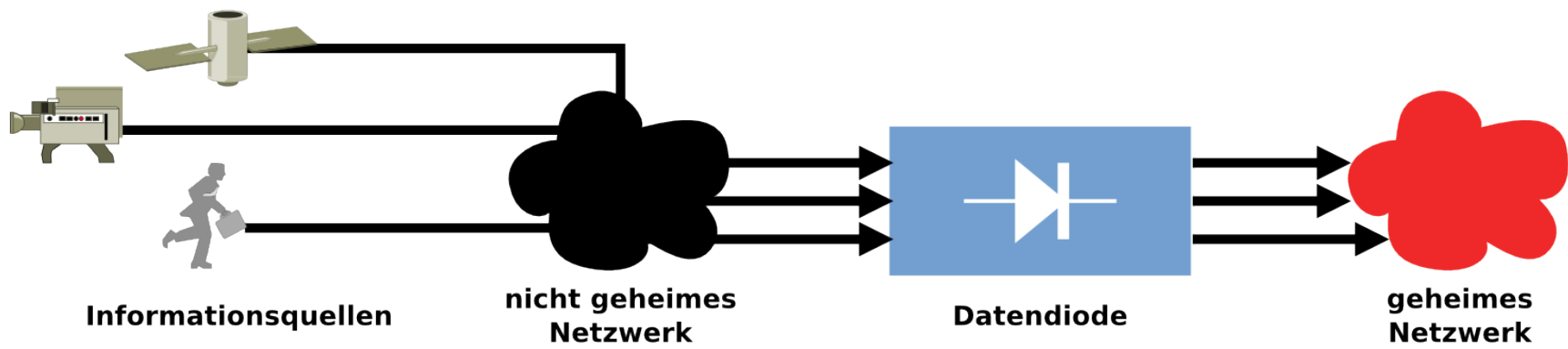


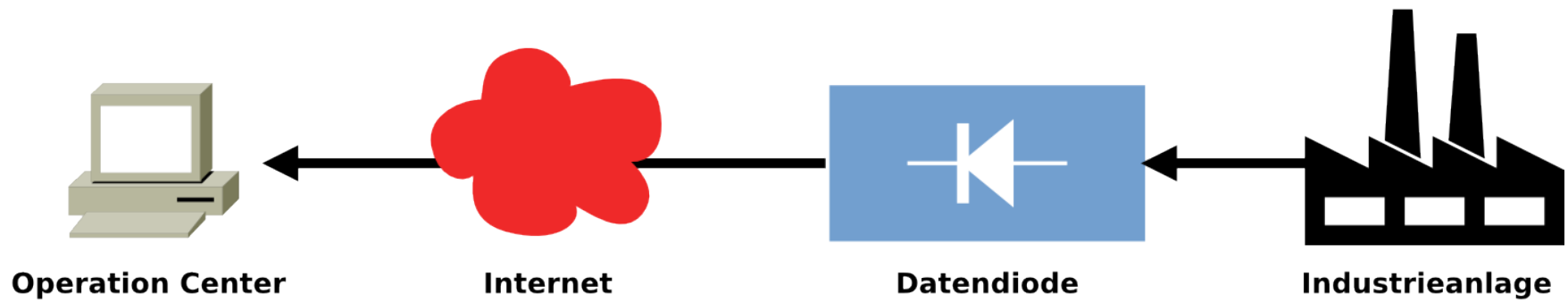
Datendioden

**Sicherheit und Praktikabilität von
Einweg-Datenverbindungen**

von Jan Klemkow

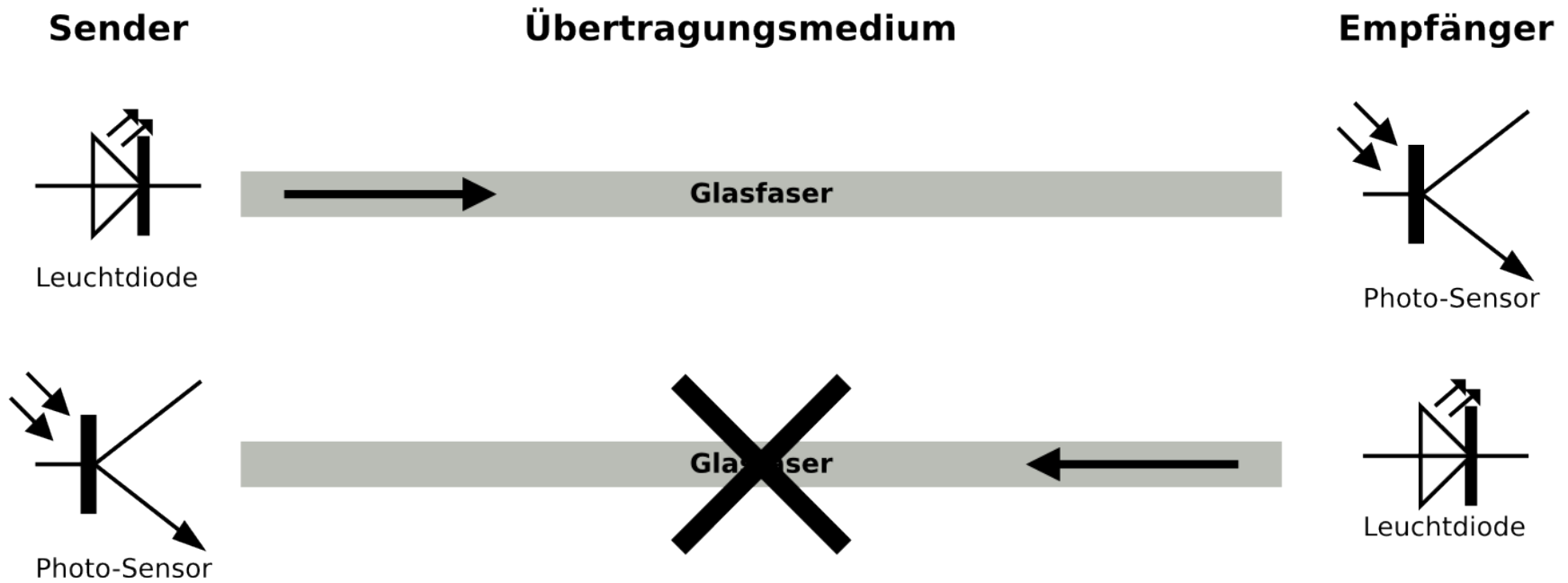


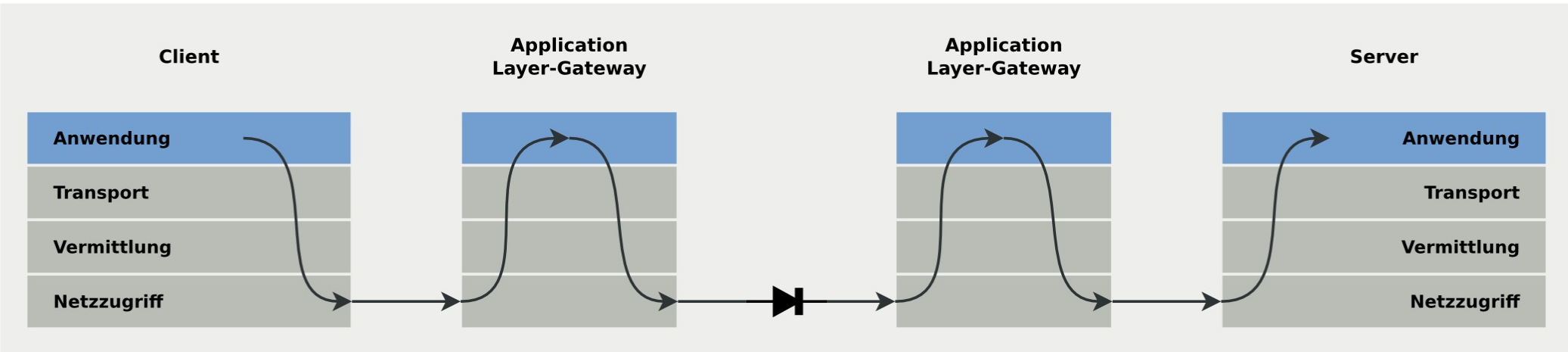




Was sind Datendiagnosen?

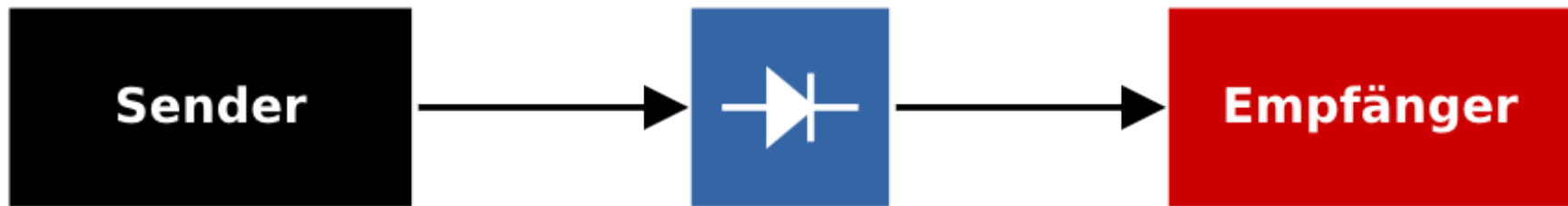






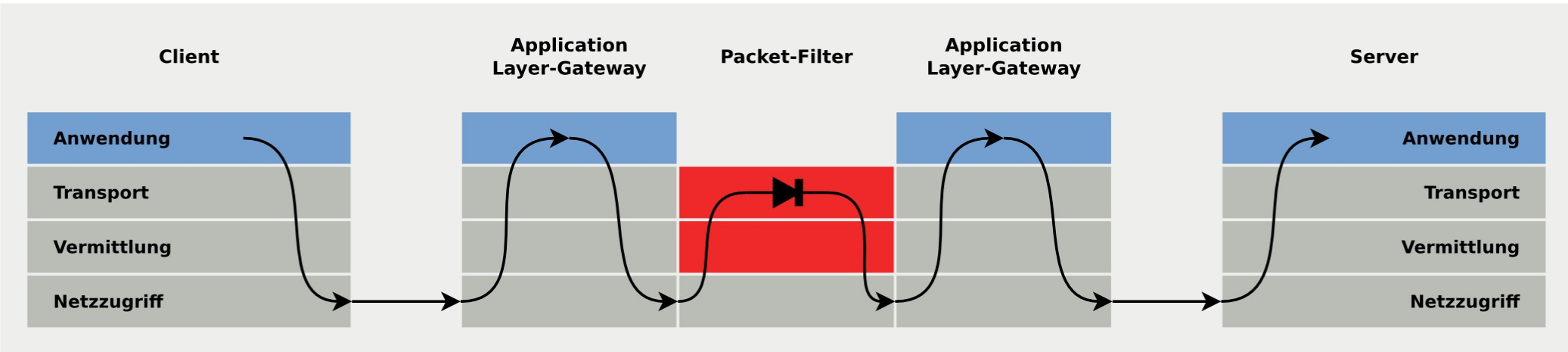
 Aktivität





Lösung?

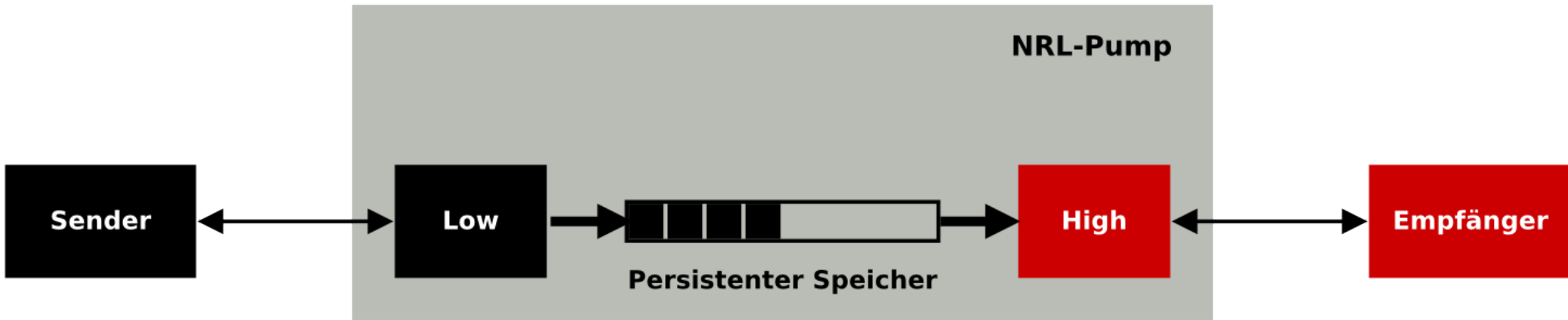




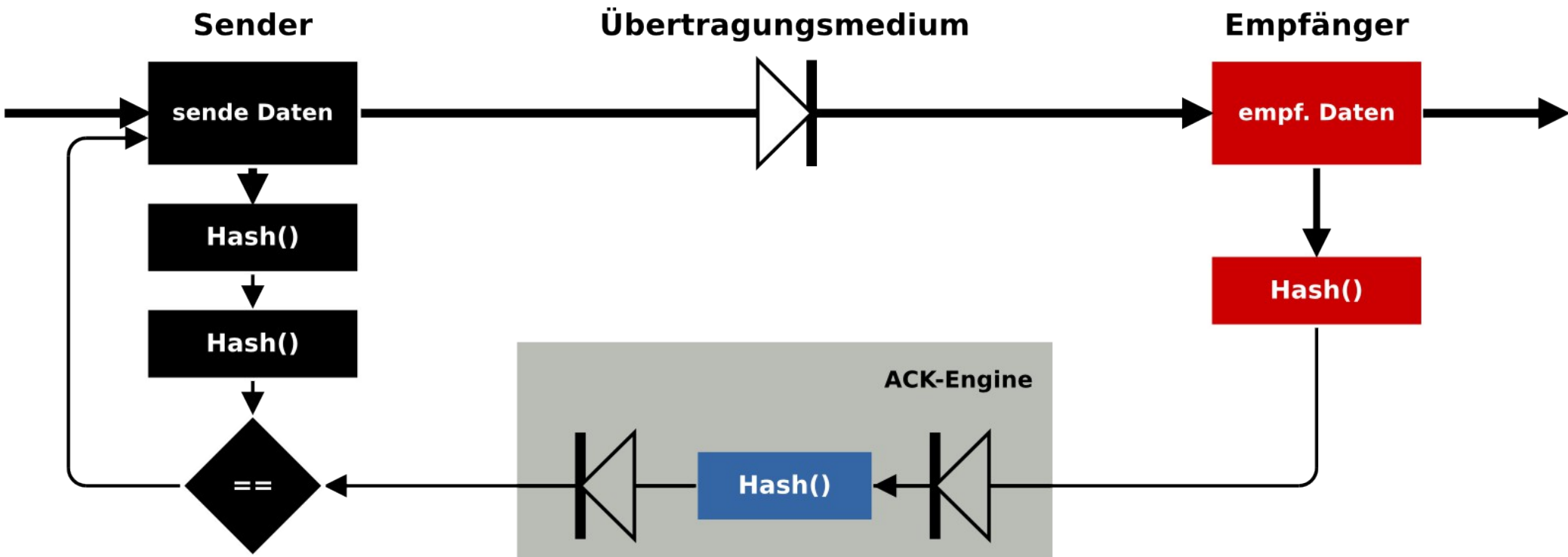
■ ALG aktivität

■ PFL aktivität





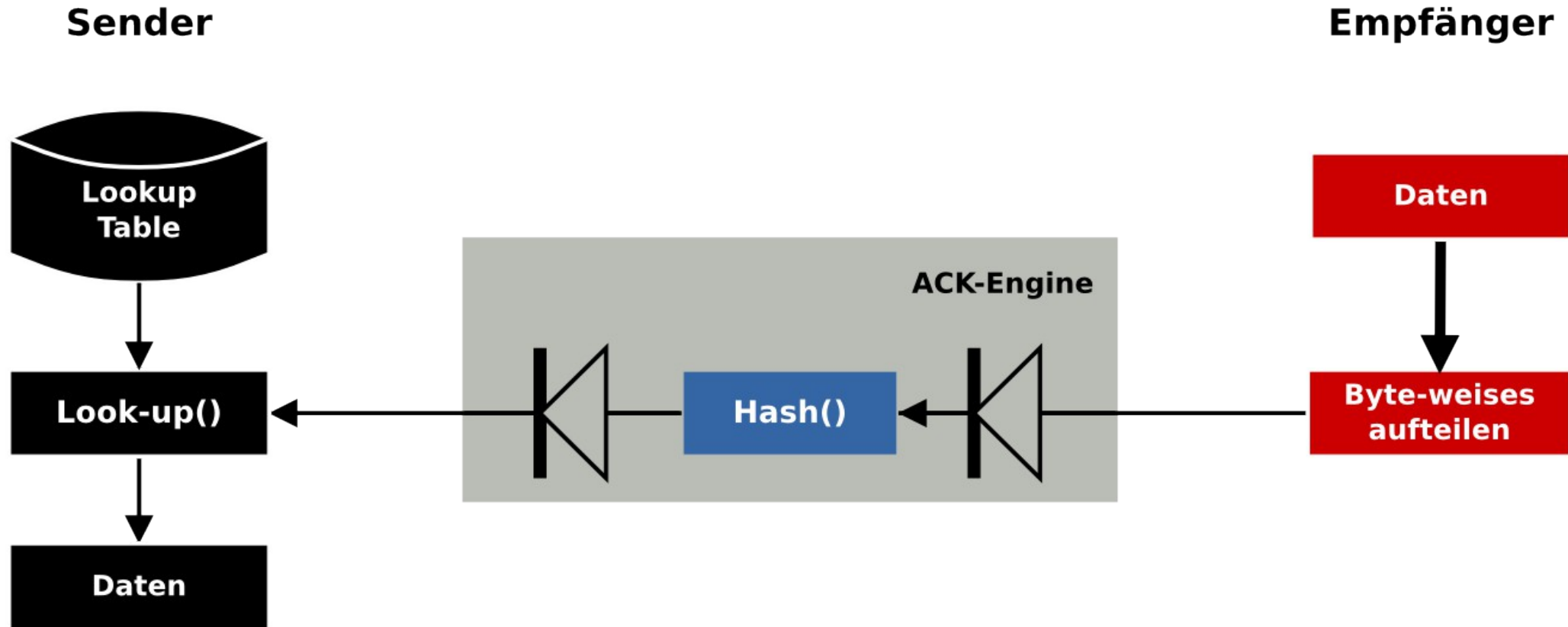
Hashing-Diode



US-Patentnummer: 7.675.867

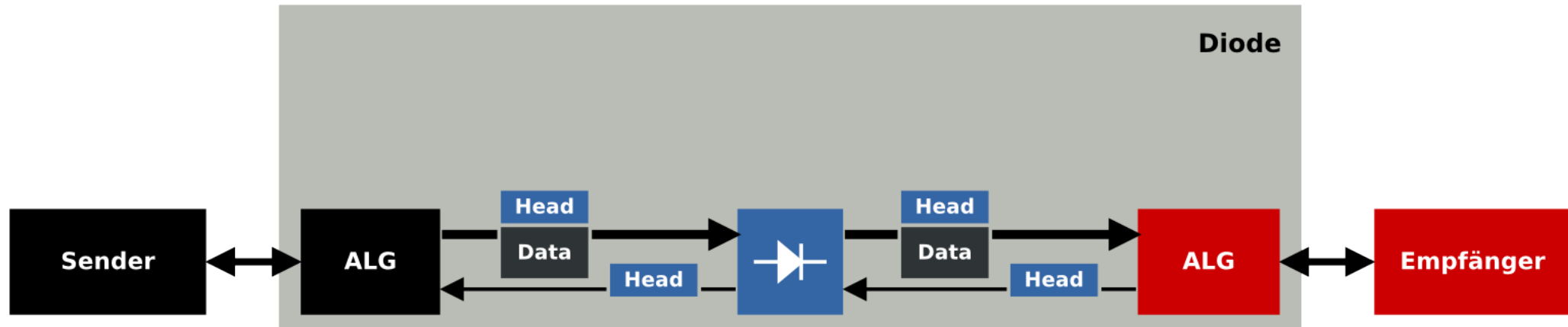


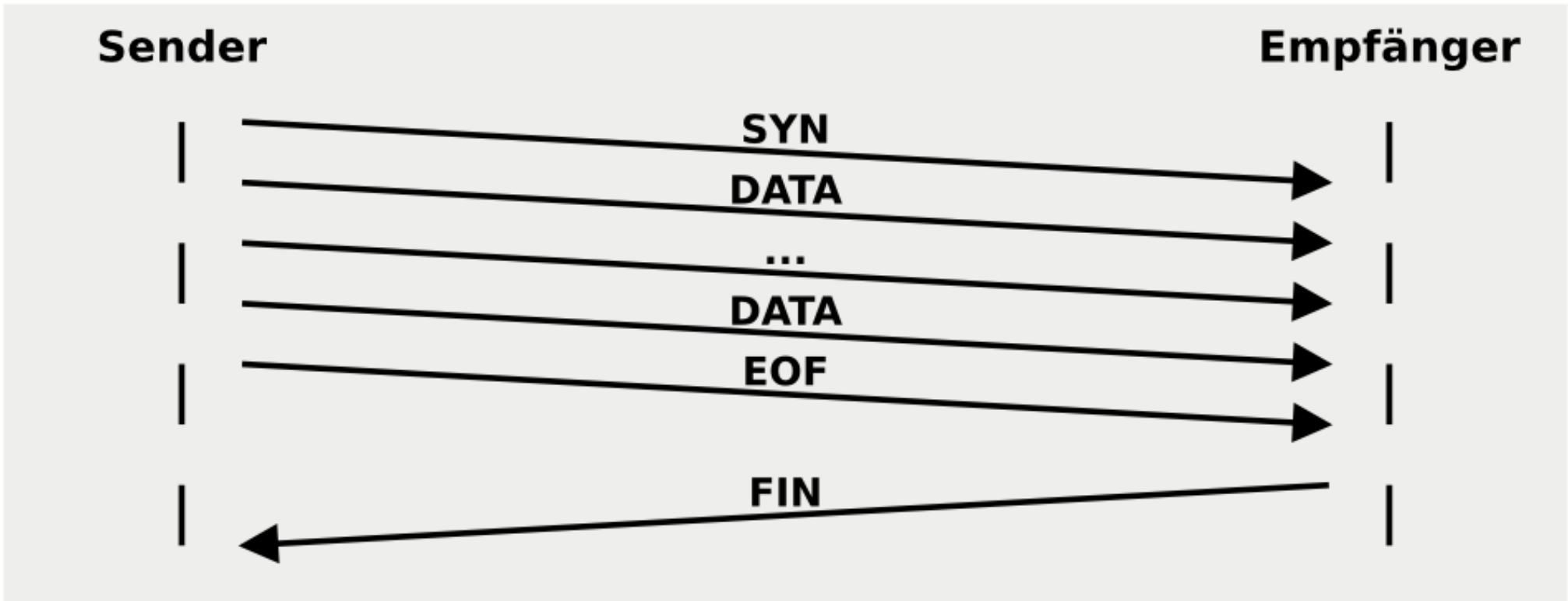
Hashing-Diode



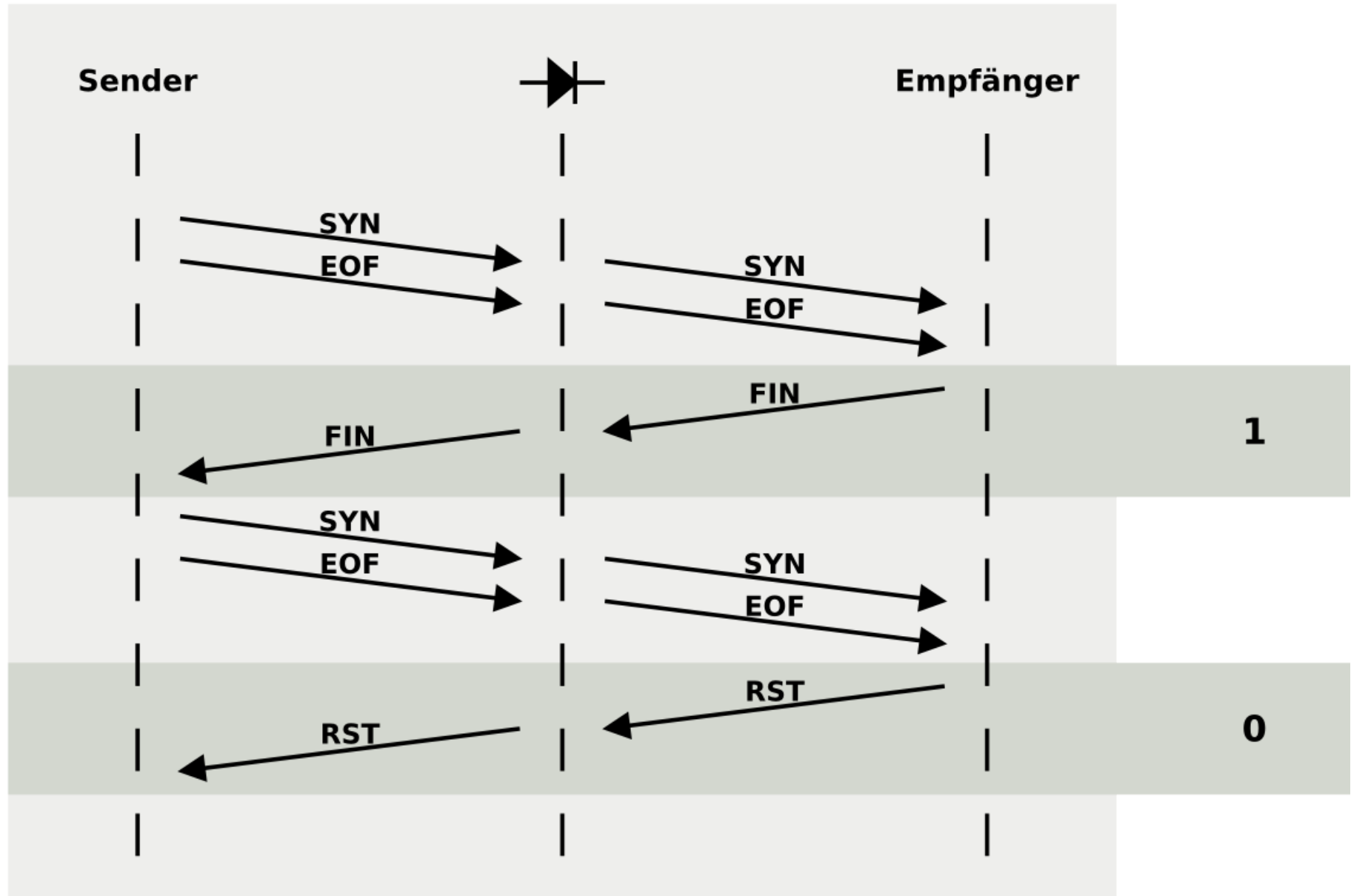
Neuer Ansatz

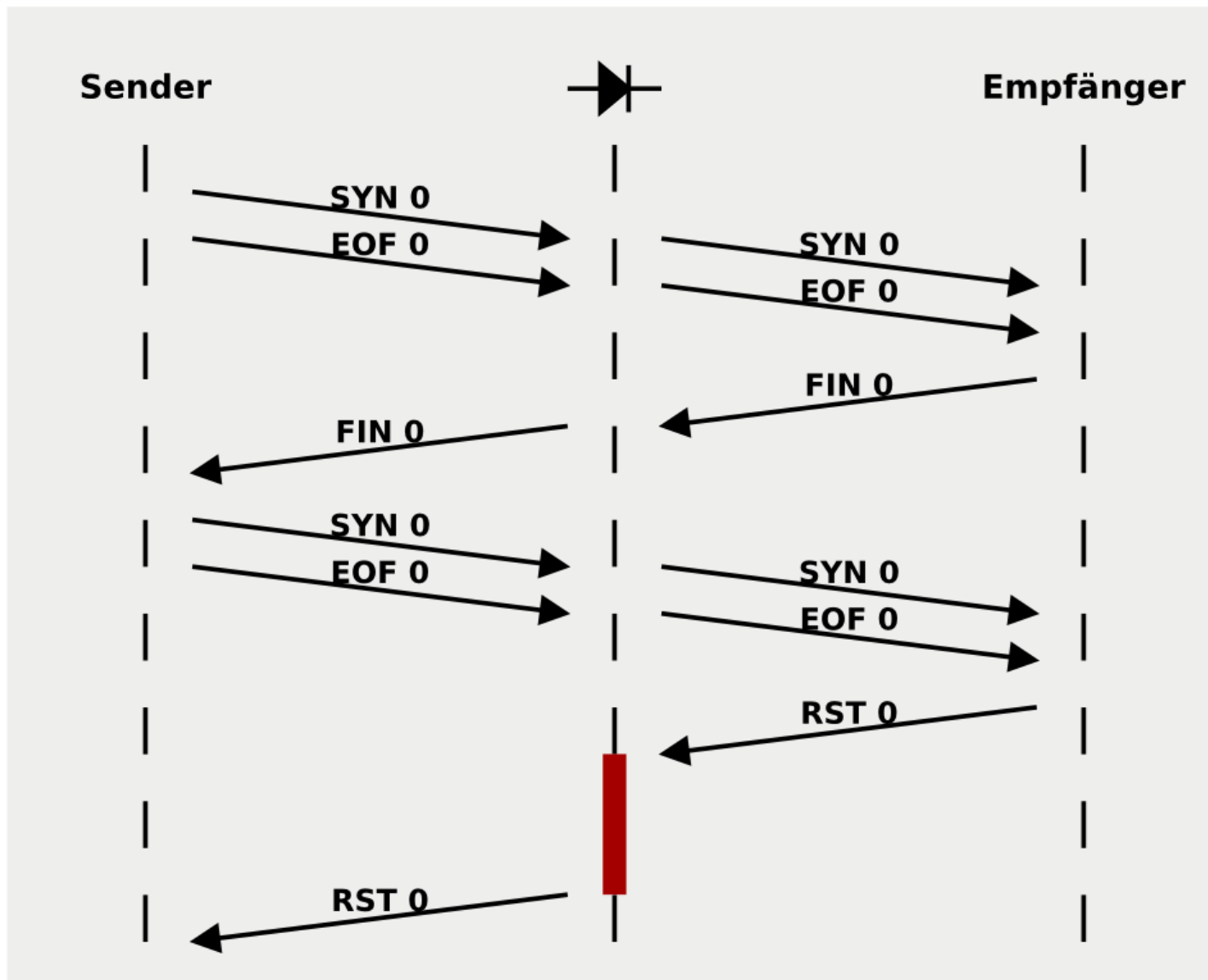






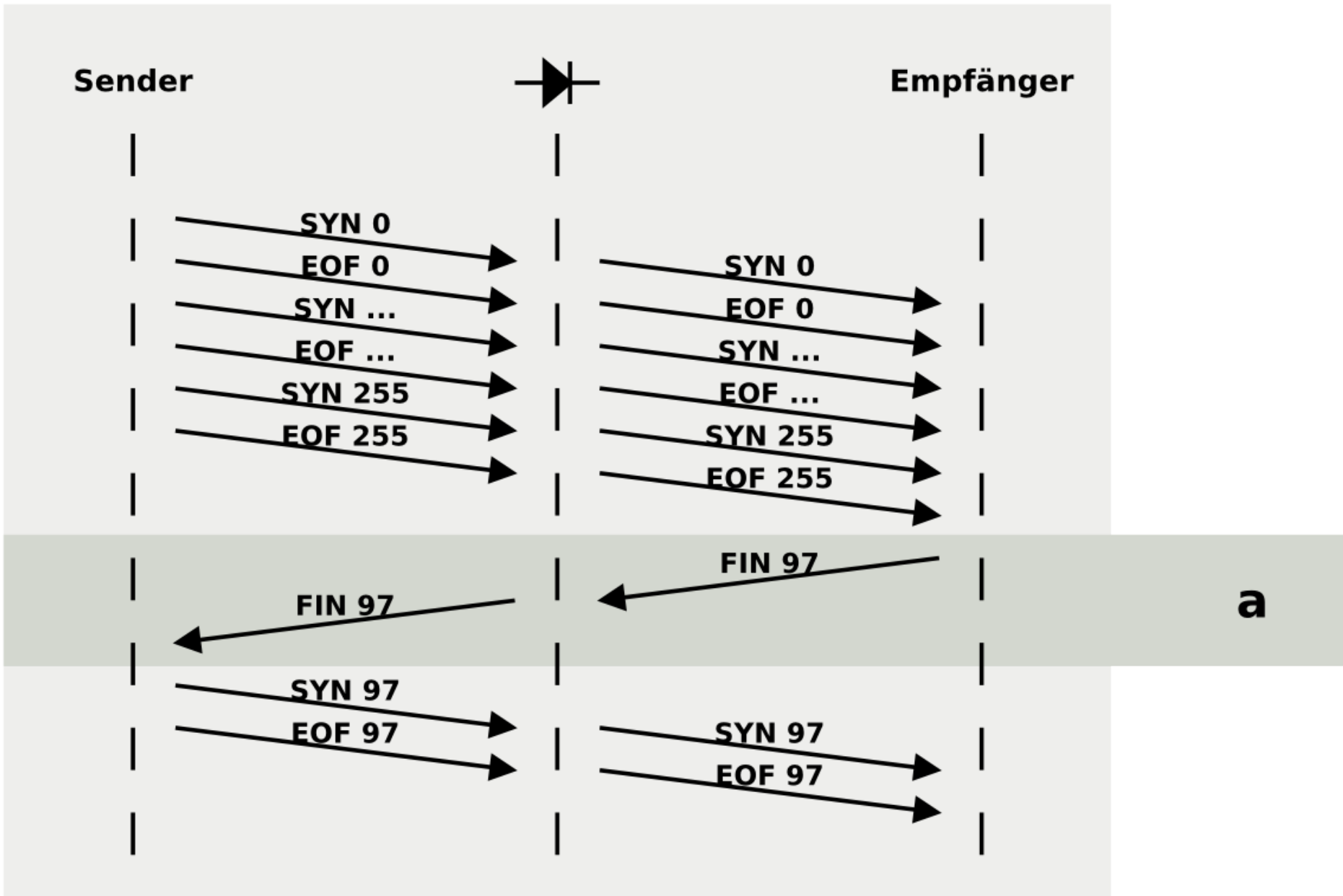
Empfangsbestätigung

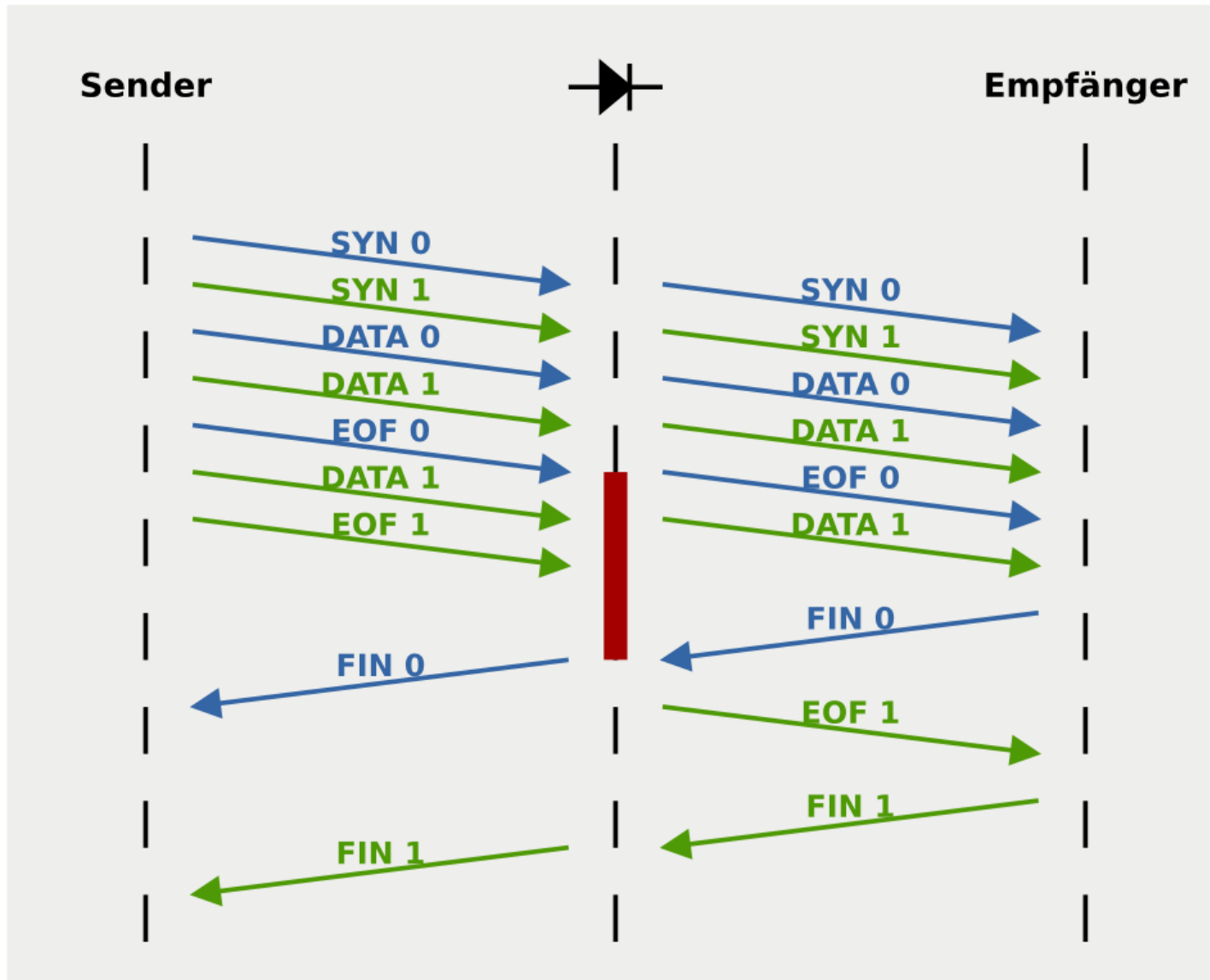




 Verzögerung

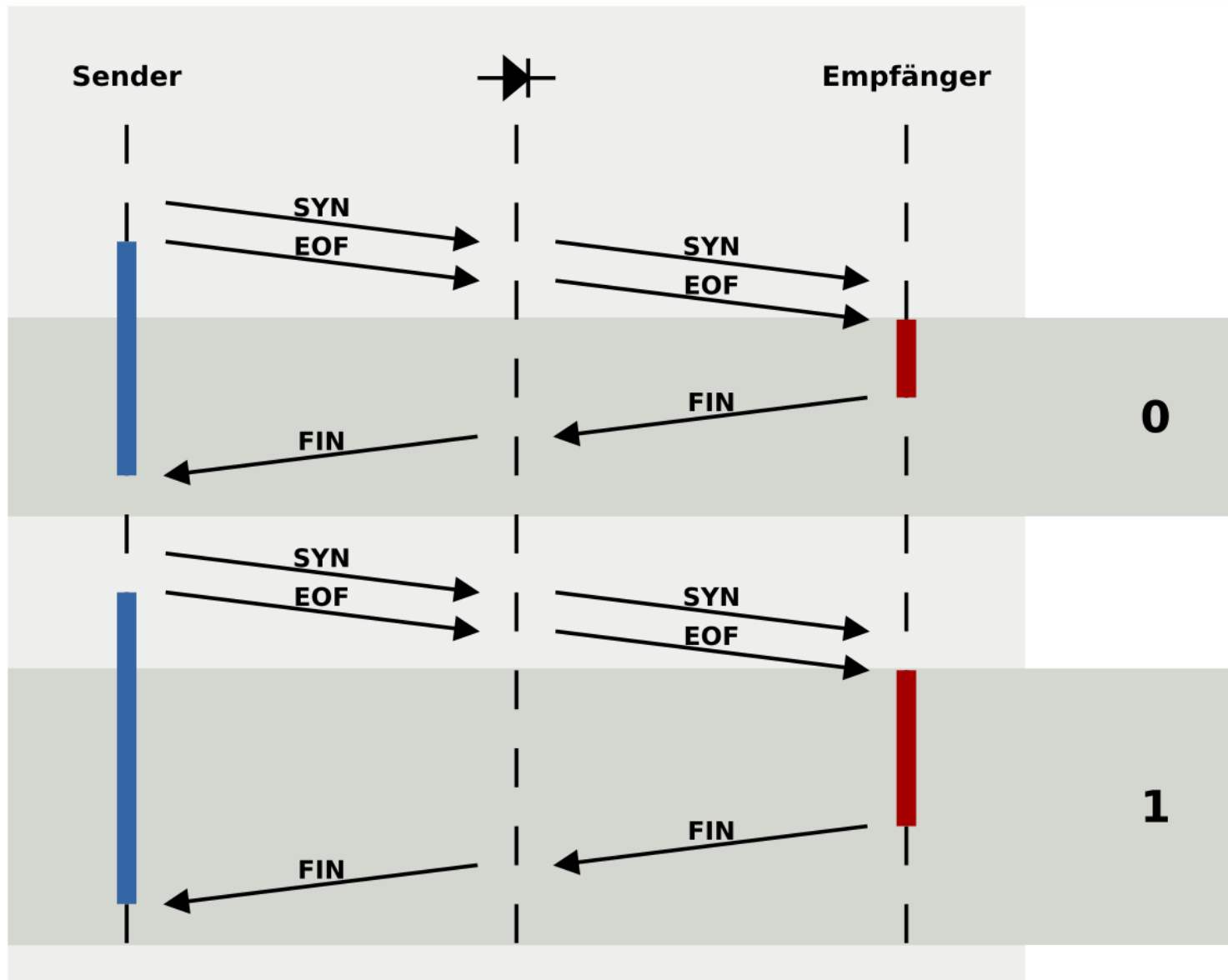






 EOF-Sperre  Kanal 0  Kanal 1

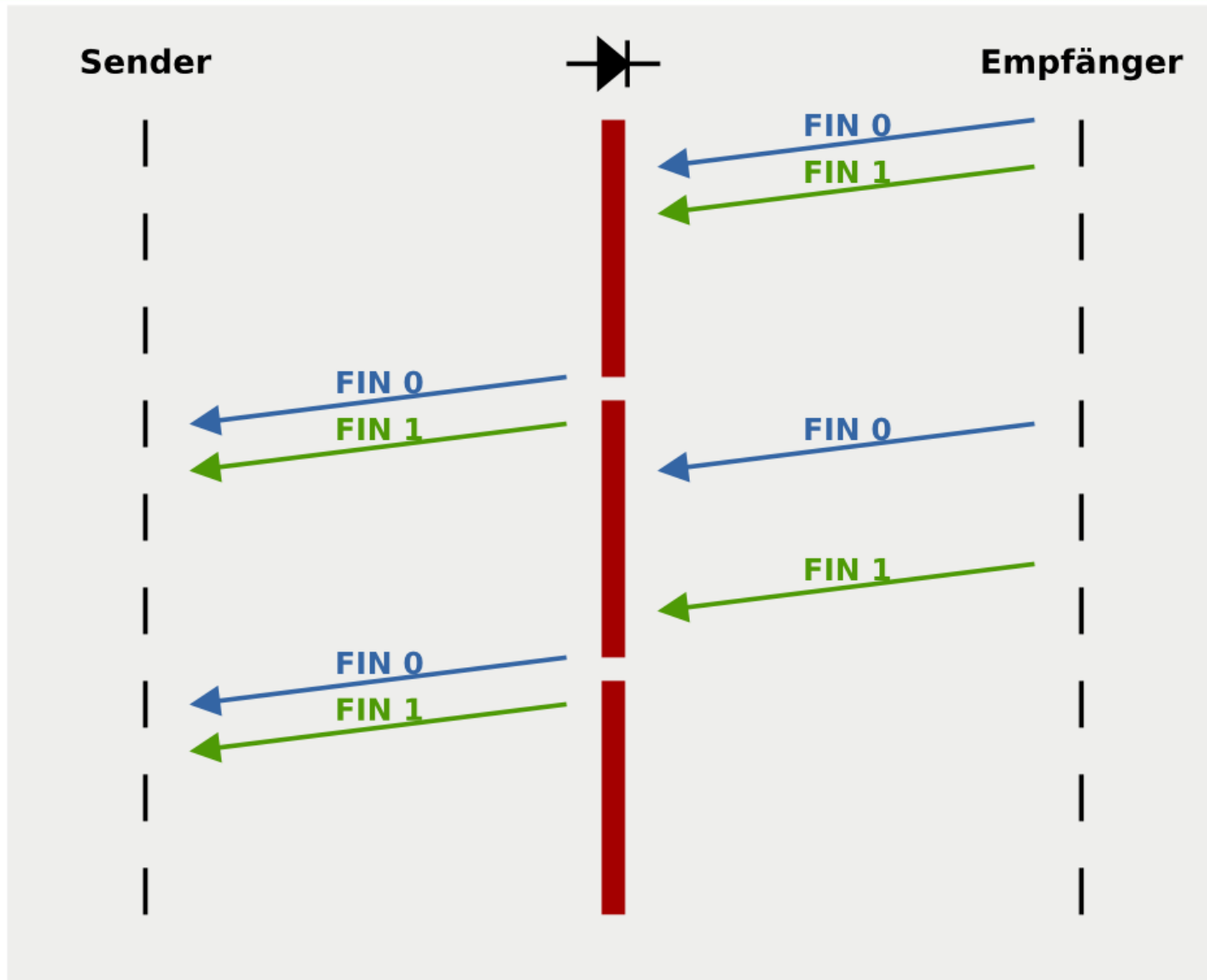




■ Zeitinterval des Empfängers

■ Zeitinterval des Senders





 **Zeitfenster**  **Kanal 0**  **Kanal 1**



Abwägungen



Aktuelle Entwicklung?





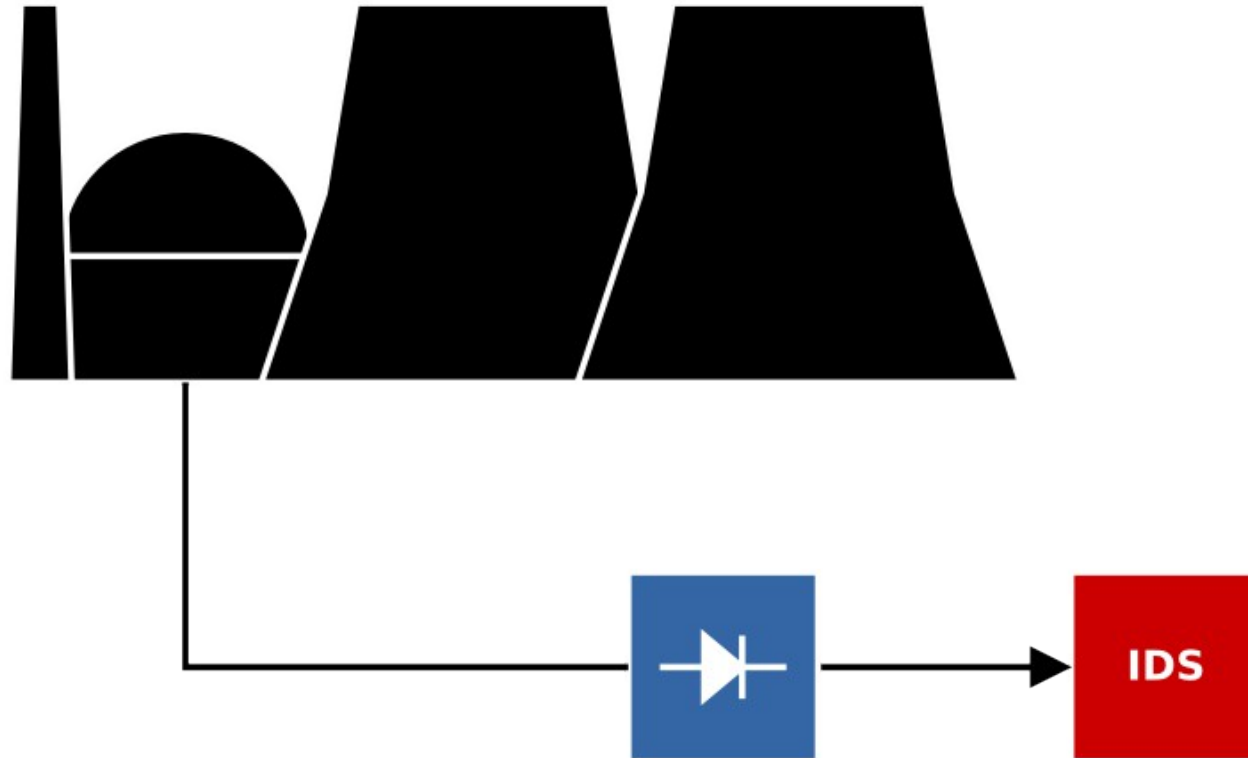
L4 + ARM = Sichere Embedded Firewalls



Bundesministerium
für Bildung
und Forschung

Förderkennzeichen: 01IS13020





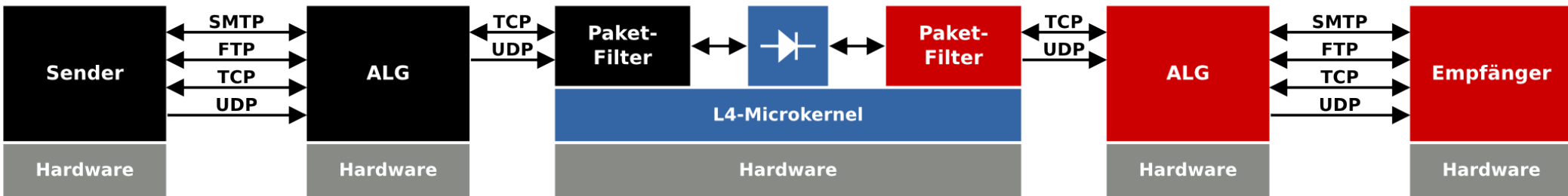
Bundesministerium
für Bildung
und Forschung

Förderkennzeichen: 16KIS0157



Fragen?





Kommunikationskanal

