

Configuration

ENF Configuration

- DSOS to Infectiousness
- Infectiousness to weight
- Report type to weight

TRL Encoding

- Report Type to TRL component
- Infectiousness to TRL component

TRL Mapping

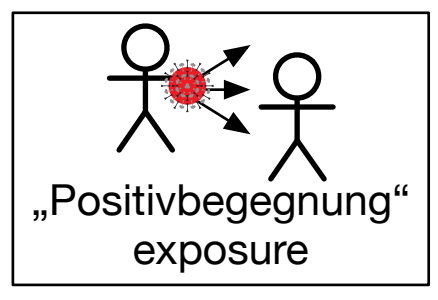
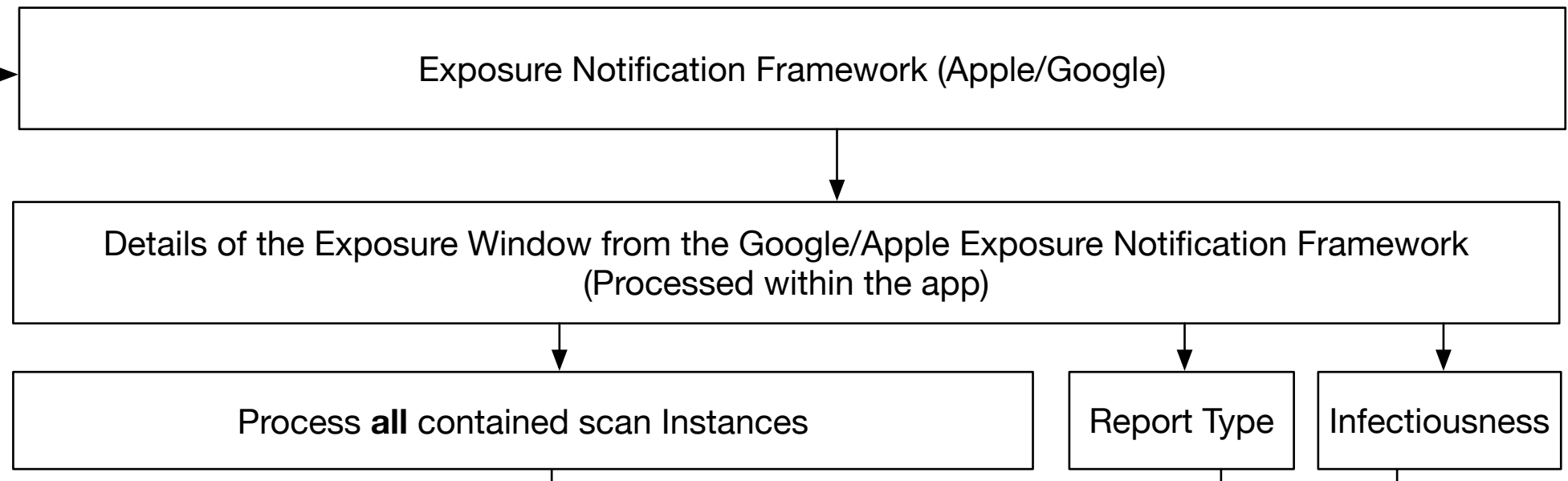
- Mapping TRL to TRV

Attenuation „buckets“

- „Close“ threshold **63 dB**
- „Close“ weight **0.8**
- „Medium“ threshold **73 dB**
- „Medium“ weight **1.0**
- „Far“ threshold **79 dB**
- „Far“ weight **0.1**
- „Very far“ weight **0.0**

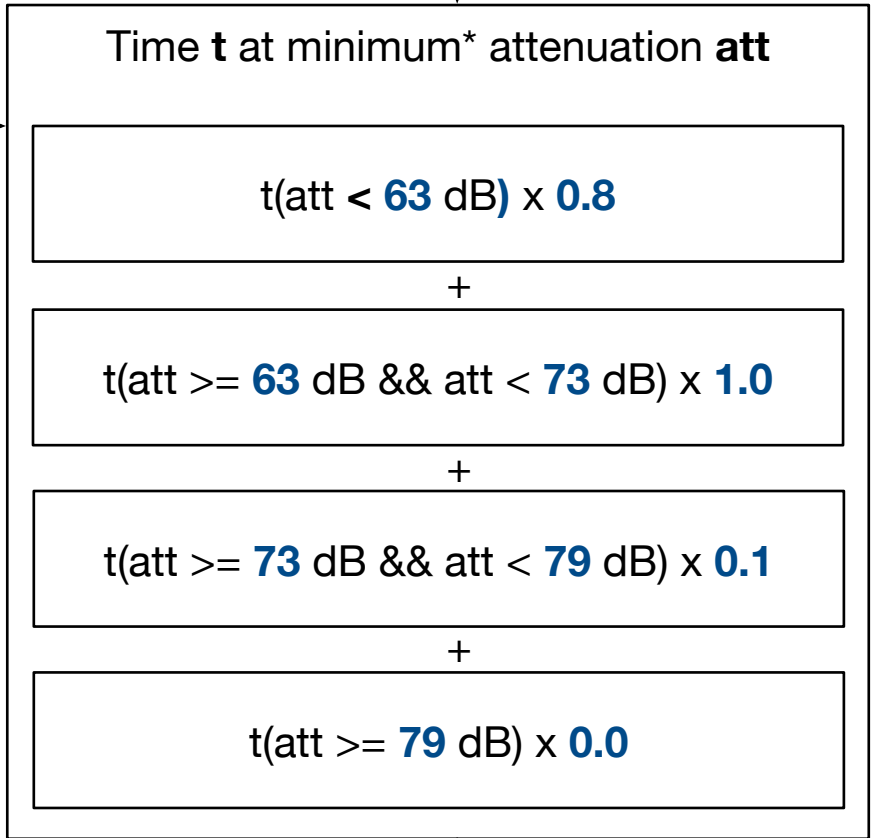
Overall Risk Definition

- Green (low risk) **< 5 minutes**
- Green (low risk with encounter(s)) **>= 5 && < 13 minutes**
- Red (high risk) **>= 13 minutes**

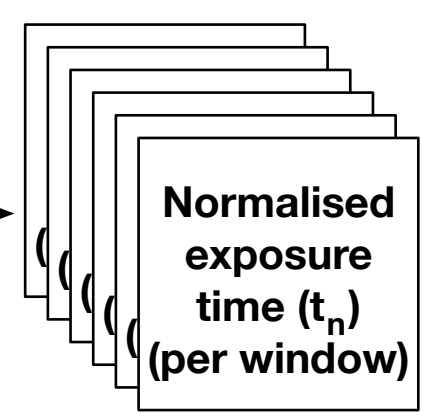
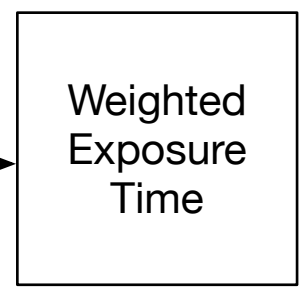
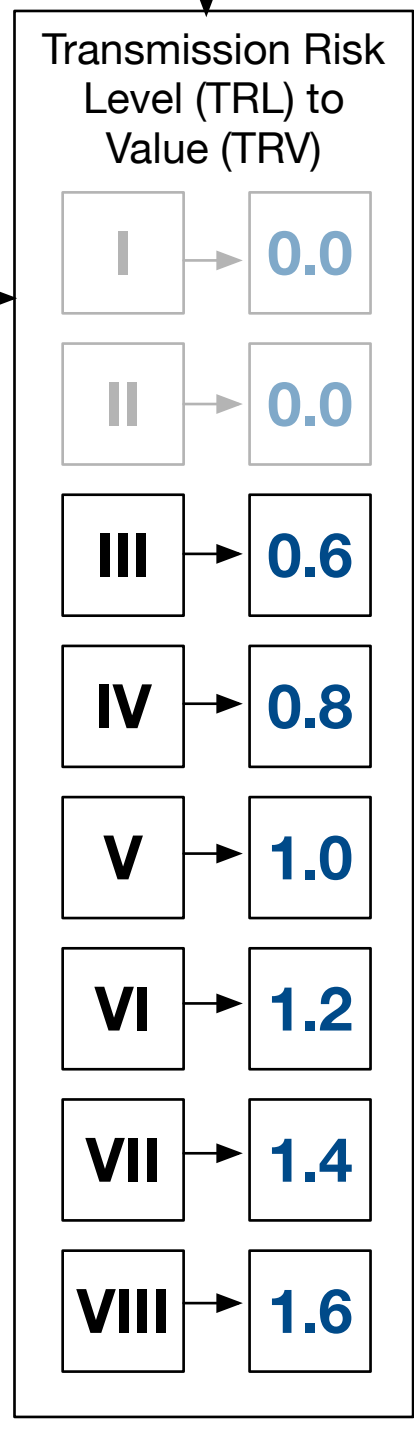


Exposure Notification Framework (Controlled through Parameters)

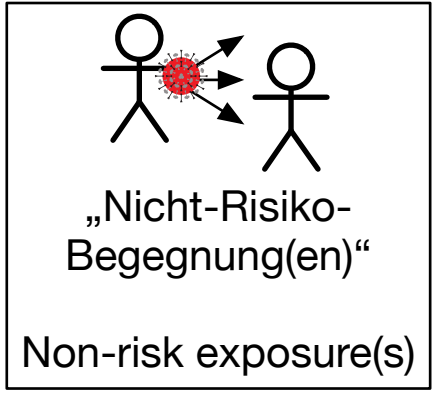
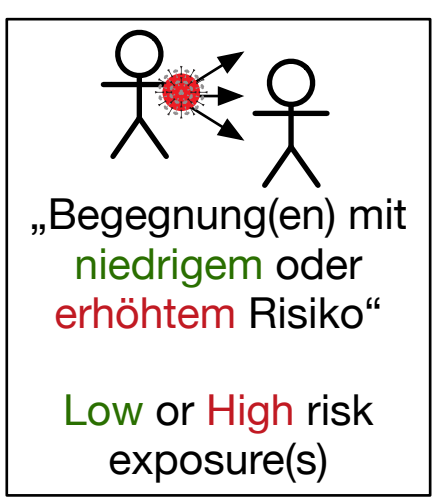
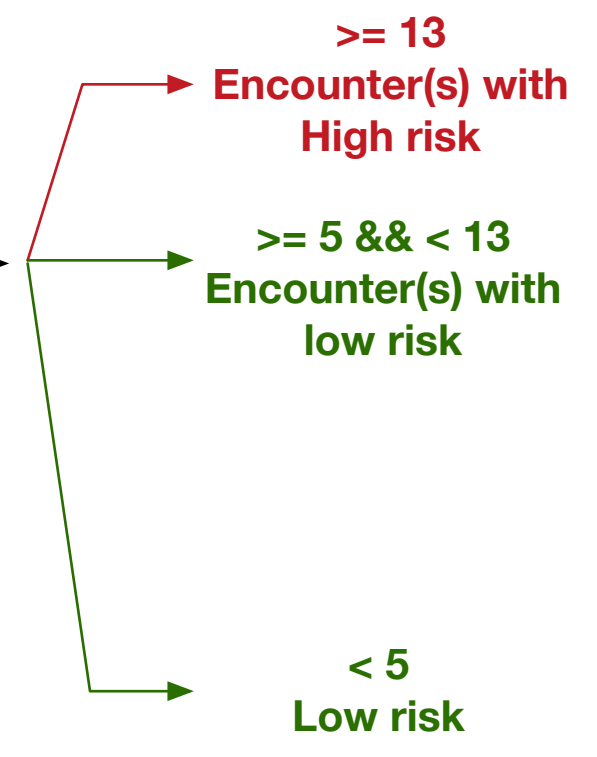
App Logic



(seconds/minutes)



$\Sigma(t_n)$ of all windows (i.e. all exposures)



Result:
Multiple windows with a low exposure time each can add up to a **high risk**.

Example:

- 3.3 minutes
- 5.1 minutes
- 7.8 minutes

$\Sigma(t_n) \geq 13$

Status: High Risk

* changes possible