

$$\text{Security} = 1 - \text{Criticality}$$

Subsystem #12 #13
 Criticality = 70 90 50

averages

~~$$\frac{70 + 90 + 50}{3} = 50$$~~

$\frac{1}{3} \sqrt{100 + 8100 + 2500} = \frac{1}{3} \sqrt{10000} = 34(?)$

Goal \Rightarrow Critical components dominate

X → SPD
 Goal Privacy: 95
 100 → 90 → 70
 (Privacy (0...100))
 Analysis SPD level
 Authentication in Norway: Bank-ID ... passed
 Compare deviation

Privacy
ambient assisted living ^{FAL} — sensors, ambient — air quality

Smart watches

Privacy parameters

information on

- "which data",
- how data are used
- how long data are kept
- commercial aspects ("consent")
- "real consent" versus "non-informed consent"
- privacy by default (from GDPR) - "default settings"
- GPS position (accuracy) and tracking (enable on demand)
- Options for selection ("cannot use the app")
- transparency of information ("right information", don't provide fake information)
- payment: select a 3rd party payment service

(or) B: $\rightarrow 960$ (Mn)

SSH

SMP trap

$$\Rightarrow C_p \quad W_p \rightarrow 60 \cdot 40 \rightarrow 960 ?$$

Criticality

$$\text{SSH} \quad \frac{30^2 \cdot 40}{755} = 232$$

$$C = \sqrt{\frac{\sum_{i=1}^n \frac{x_i^2 W_i}{\sum W_i}}{\frac{30^2 \cdot 40}{755}}}$$

here $744000 = 755$

Config I $\overset{1}{SS+1} + \text{SAUMP } T_{lep} + \text{SAUMP} + \text{SMS}$

$30^2 \cdot 40 +$

M4 (100/90) $\cdot 20$

no GPRs M3

M2 $40^2 \cdot 20$

Config: G: \uparrow SMS

unchanged M5 $88^2 \cdot 60$

Link up paper

Remote Config M1 $60^2 \cdot 40$

LM	S	P	D
Billing	80,	70, 80	
Fire Alarm	90	30	95
Home Control	80, 60 with sliders	80	

Risk analysis →

Security Classes
IoT system

