

$$\text{Security} = 1 - (\text{criticality})$$

Subsystem #12 #13

Criticality = 70, 90, 50

~~$\frac{100 + 90 + 50}{3} = 50$~~ ^{averages}

$$\frac{1}{3} \sqrt{100 + 8100 + 2500} = \frac{1}{3} \sqrt{9900} = 34(?)$$

Goal $\Rightarrow$ critical components dominate

SPD
 Goal: 95
 Privacy: 100
 90 ... 70
 SPD
 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: $\rightarrow 960$ (M1)

SSH

SNMP trap

$$\begin{matrix} C_p & W_p \\ \Rightarrow 60 & \cdot 40 \end{matrix} \rightarrow 960 ?$$

Critically

$$\text{SSH} \quad \frac{30^2 \cdot 40}{155} = \textcircled{232}$$

$$C = \sqrt{\sum_{i=1}^n \frac{x_i^2 W_i}{\sum W_i}} = \sqrt{\frac{30^2 \cdot 40}{155}}$$

here $144000 =$

30

Config I $\text{SS}^{\dagger} + \text{SAMP} T_{\text{LP}} + \text{SAMP} + \text{SMS}$
 $30^2 \cdot 40 +$

Config: $\uparrow$ SMS $M4 (100/90)^2 \cdot 20$ no 6PQs M3
 $M2 \ 40^2 \cdot 20$
 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

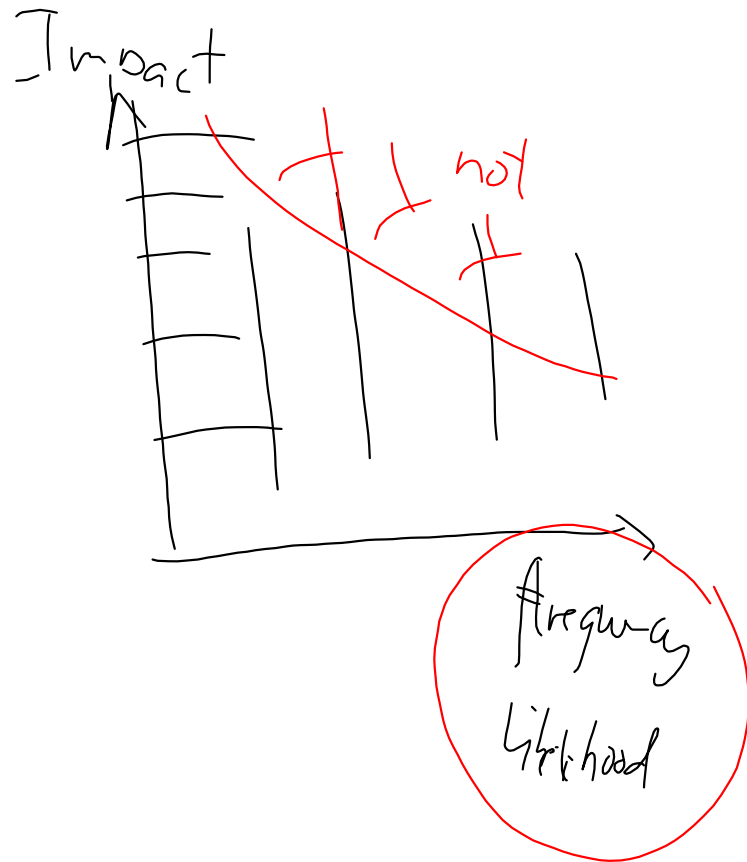
95

Home Control

80, 60
with sliders

80

Risk analysis →



Security Classes
IoT system

