



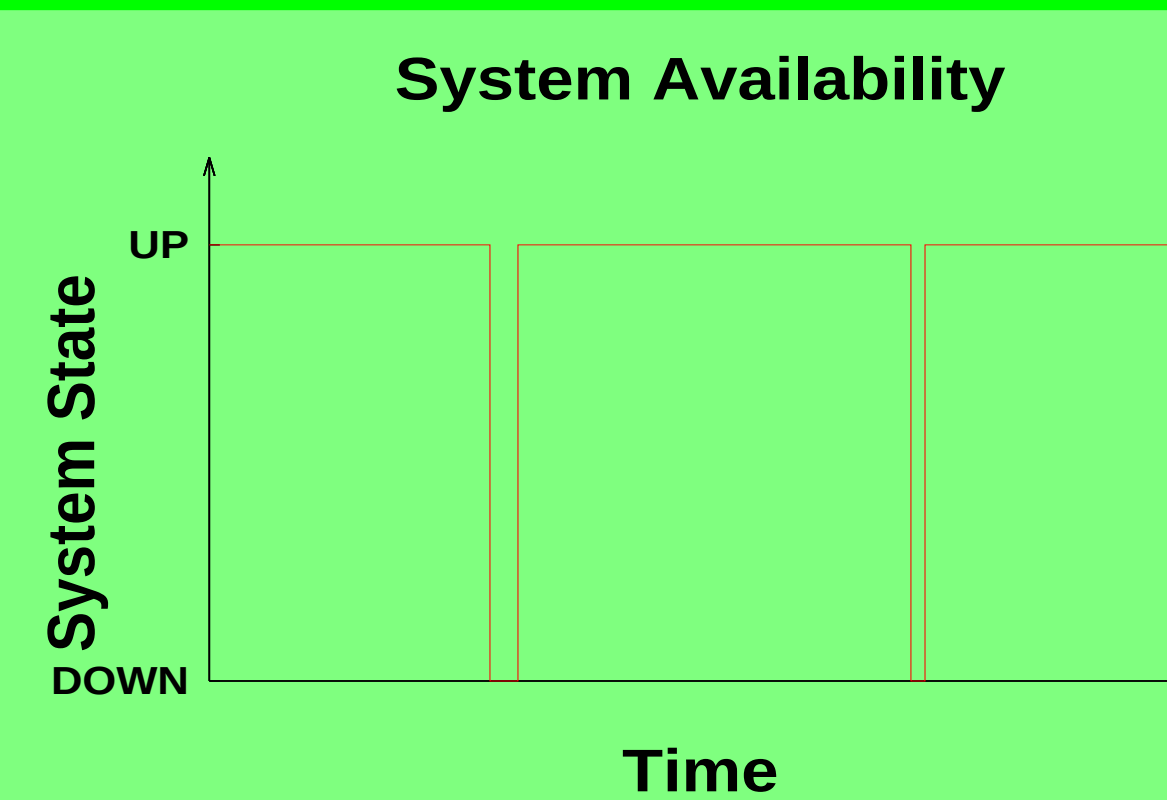
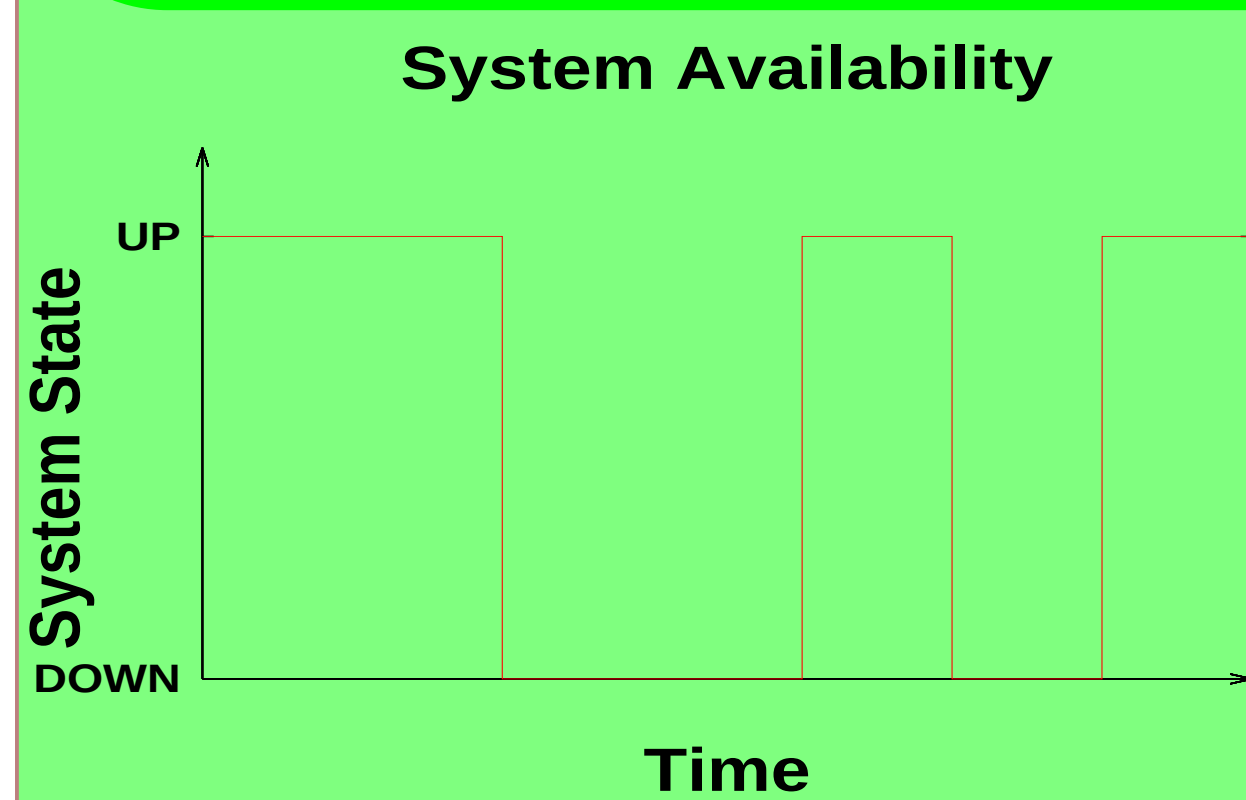
Problem and Motivation

- KNX: Home and Building Automation System used for services like heating, ventilation, ...
- Critical services like burglar alarms, fire detection, access control are based on dedicated solutions
- Unify critical and traditional applications under 'one hood' to reduce maintenance costs
- Problem: no unified concept providing the full CIA-triad AND high availability at disposal

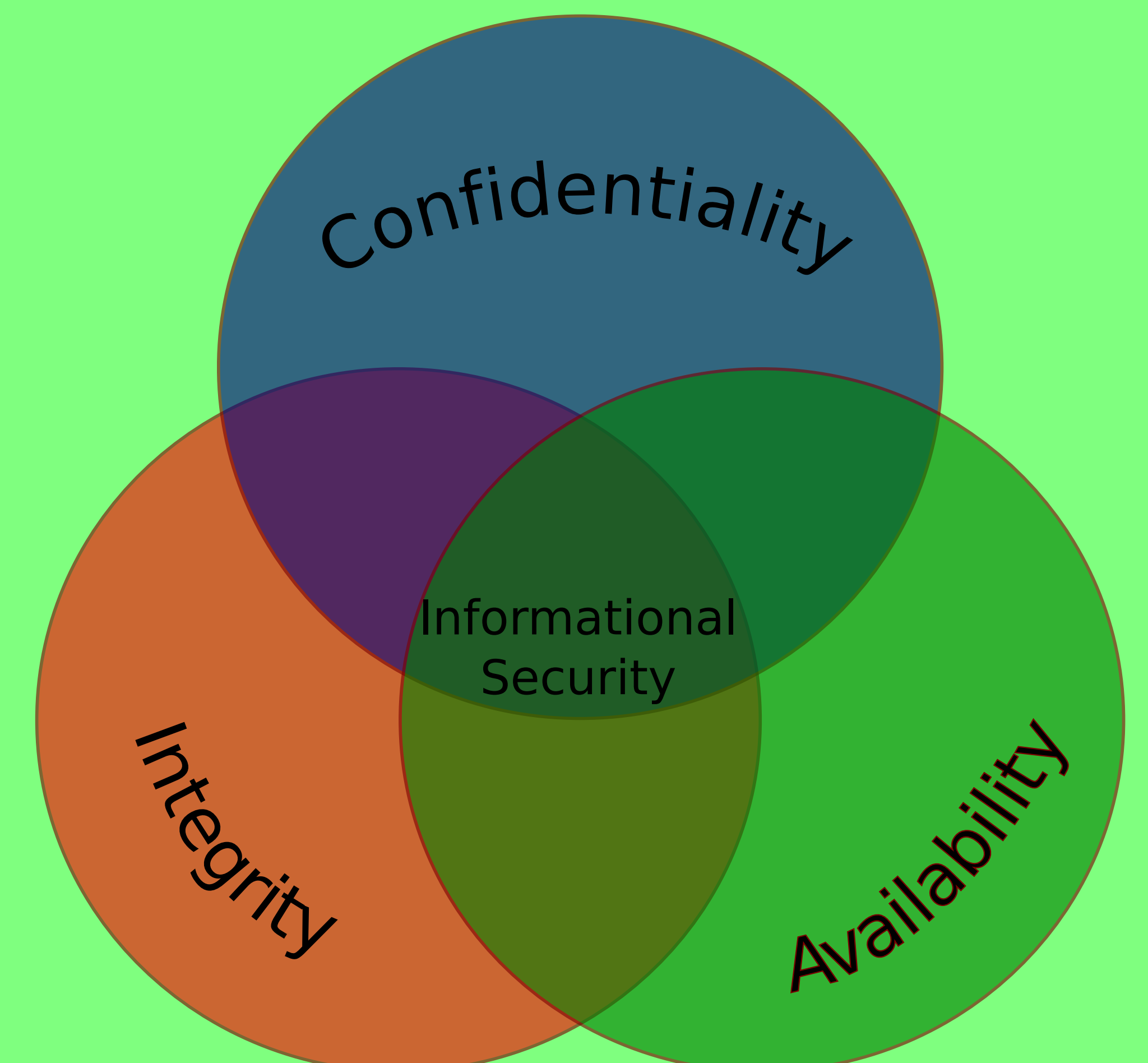
Design Goals

- Provide High Availability for KNX to enable usage in critical environments!
- Also honor Confidentiality and Integrity by implementing strong cryptographic countermeasures
- Keep interoperability in mind by providing a 'plug-and-play' functionality
- Keep protocol overhead small
- Implement a prototype as proof-of-concept

Achieve High Availability!



- Protect against malicious behaviour
- Defend against DOS attacks



Maße:
DIN A0 (841x1189mm)
Header: 190 x 815mm, Rahmen 3pt
Abstand zum oberen und unteren Rand: 12,7mm
Logos: 52 x 195,5 mm

Diese Anmerkungen liegen auf einem eigenen Layer....

Schrift: 30pt, rechtsbündig

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