

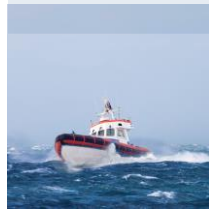


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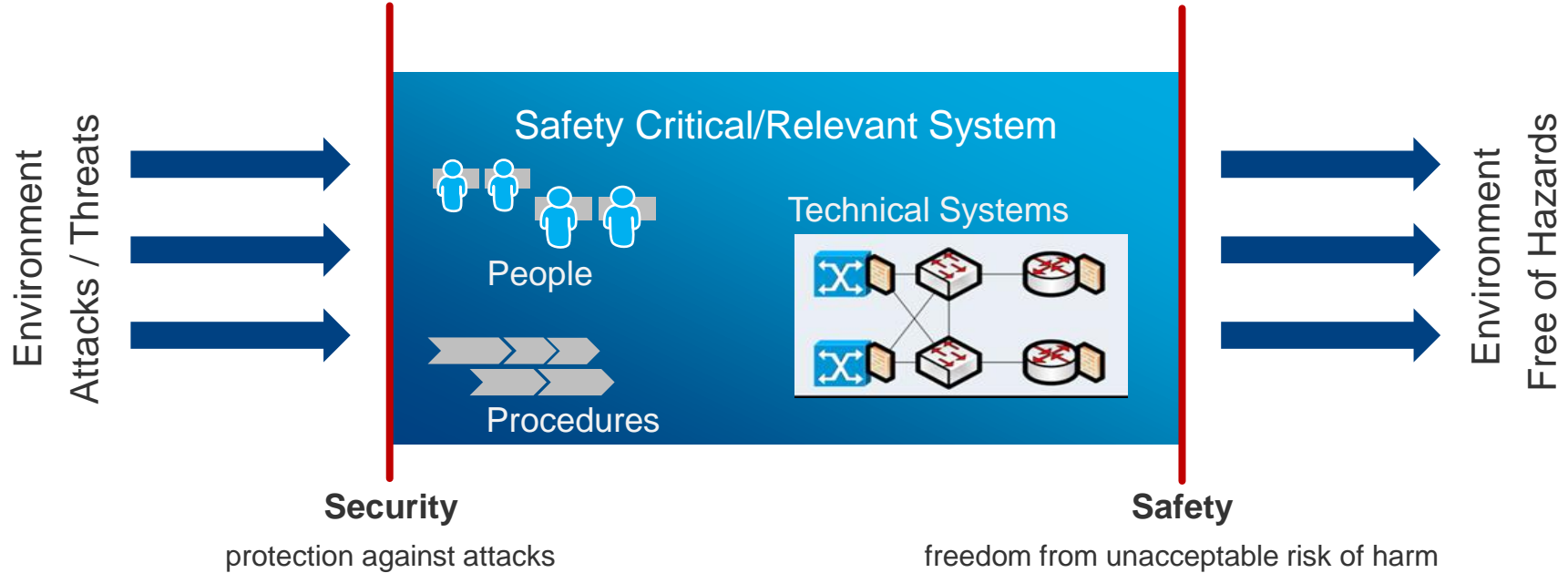
Enhancing safety and security by applying mission critical communications
WKO – International Mobility Days – 2021

Safety & security

Key aspects for (traffic) control rooms



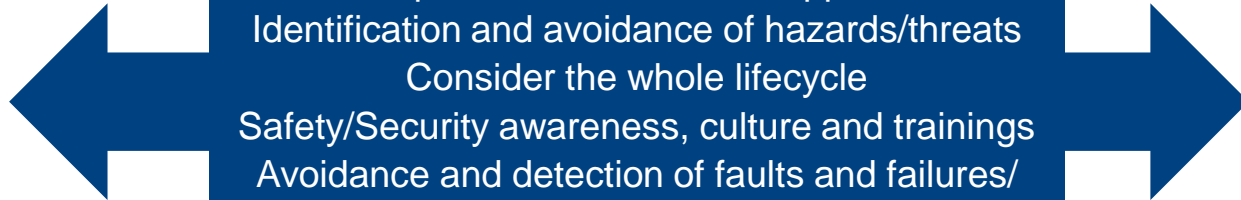
Managing Safety *and* Security



Security impacts Safety
Safety has priority over Security

The safety-security trade-off challenge

Safety	Security
Once safe, always safe	Today secure, tomorrow not
Changes requires assessment	Patches applied a.s.a.p.
System changes only by humans	IDS, IPS act autonomously
No delays at user/device change	Multi-factor authentication



Compliance vs. risk-based approach
Identification and avoidance of hazards/threats
Consider the whole lifecycle
Safety/Security awareness, culture and trainings
Avoidance and detection of faults and failures/
vulnerabilities and incidents



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