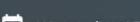


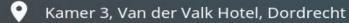
One small step for you... One giant leap for Process Safety

Congres Process Safety 2019

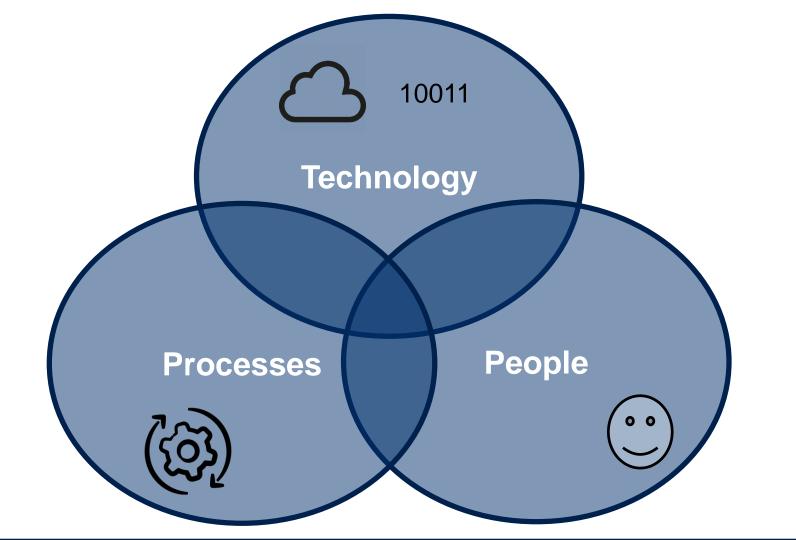
Lezing Yokogawa



Woensdag 15 mei, 14:30 - 15:00



Niels Huttenhuis, Ton Beems, Hans Hennekam





• Process

Equipment • Process

Reliability

Sensors

(Transmitters, IIOT)

- Control systems (I/O, Controllers, Network,
 - Workstations)Software

• Patching

Security

- Physical Access
 - Virus Scanner
 - Vulnerabilities
 - Skills
 - Intrusion
- Message Content
 - SIEM

AlarmsSOP

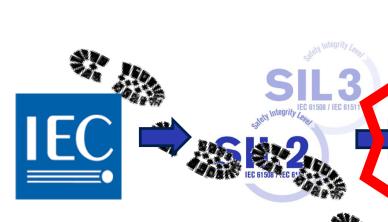
Operations

- Manual
- Operations
- Changing setpoints
 - Skills
- Management of Change
 - Maintenance Strategy

HAZOP, LOPA etc.

Safety

- SIF testing
- Overrides
- Safety System
- (SIL, Demand)
 - Systematic capability



SYSTEMATIC
CAPABILITY
SC2 or SC3



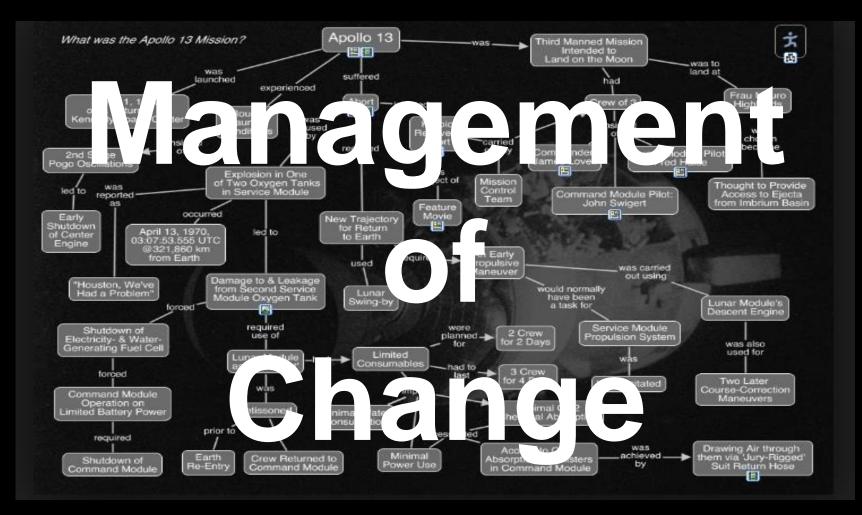
Only ONE % of the compliant



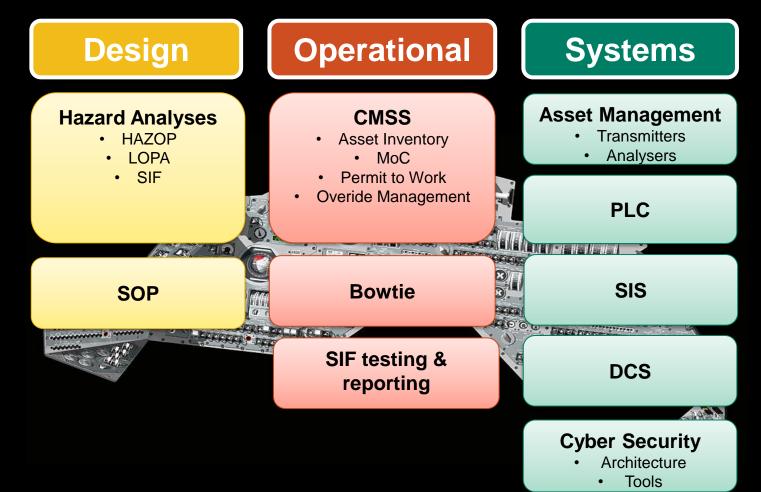








(Separate) Sources for the Dashboard





No mistakes

Real-time risk management

Co-innovating tomorrow[™]

We believe that by leading co-innovation with our partners and customers, Yokogawa can truly create new social and environmental value for our society not only today but also beyond tomorrow.

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