

# Preservation Health Check

Standards, Risk analysis, Common sense and  
Evidence

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# Deviations/issues and Finding Evidence

## Control issues

- Financial Risk
- Organization & People
- ICT security
- Threats to data & objects collections

## Evidence

- Finance Records
- HR Records
- Audit Trails
- Preservation metadata Records?

# Trust

## Assure Quality or Manage Risks?

- [http://en.wikipedia.org/wiki/Quality\\_assurance](http://en.wikipedia.org/wiki/Quality_assurance)
- [http://en.wikipedia.org/wiki/Risk\\_Management](http://en.wikipedia.org/wiki/Risk_Management)
- **Quality assurance (QA) refers to the planned and systematic activities implemented in a quality system so that quality requirements for a product or service will be fulfilled. It is the systematic measurement, comparison with a standard, monitoring of processes and an associated feedback loop that confers error prevention.**
- **Risk management is the identification, assessment, and prioritization of risks(defined in ISO 3100 as the effect of uncertainty on objectives, whether positive or negative) followed by coordinated and economical application of resources to minimize, monitor, and control the probability and/or impact of unfortunate events or to maximize the realization of opportunities.**

# Assure Quality & Manage Risks

## Process

- Plan
- Do
- Check
- Act

## Project

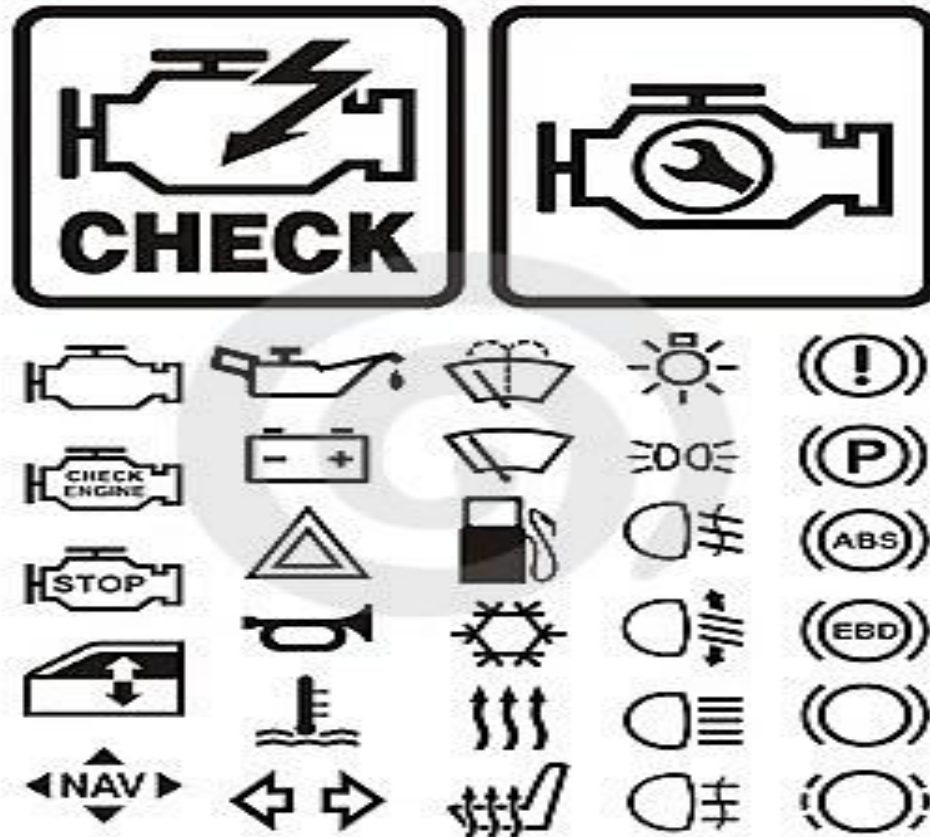
- Execute Plan
- Control Actions
- Mitigate Risks
- Lessons learned

***ASSURING LONG TERM ACCESS, A PROCESS or A PROJECT?***

# Informed Decision Making

- Reliable Data Sources as evidence
  - Data quality
- Analysis
  - Tools
- Decision making
  - Dashboard
  - The Practitioner in the driver seat

# Preservation Health Dashboard



# Sensors & Thresholds

## Sensor categories:

- Rights
- Medium
- Formats
- Complexity

## Corresponding thresholds:

- Embargo duration
- Expected Lifetime
- Renderability
- Dependencies (e.g. hyperlinks)

# Preservation Action

## DIY



## Call the expert





# Preservation Metadata Analysis

- Should support quality assurance of digital objects in a repository
- Provide input for informed decision making

# Conclusion?



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