

INSTRUMENTED COMPLIANCE

INFRASTRUCTURE THAT EMITS ITS CONTROL STORY

The strongest evidence is often a designed byproduct of operating the environment - not an artifact reconstructed when the assessment asks whether the control happened.

SCOTT NORTON / PCI DSS QSA | JOHANSON GROUP, LLP

01

INFRASTRUCTURE ALREADY EMITS LOGS, STATES, EVENTS, IDENTITIES, CHANGES, AND RELATIONSHIPS. EVIDENCE OFTEN THROWS MOST OF THAT CONTEXT AWAY.

02

**INSTRUMENTED COMPLIANCE MEANS
IMPORTANT CONTROLS PRODUCE
STRUCTURED, ATTRIBUTABLE RECORDS
THROUGH NORMAL OPERATION.**

03

EMIT FACTS BEFORE CONCLUSIONS: STATE, POPULATION, RULE, TIME, SOURCE, AND DECISION PATH.

**A GREEN BADGE WITHOUT LINEAGE
COMPRESSES OBSERVATION, METHOD,
INTERPRETATION, AND CONCLUSION INTO
ONE OPAQUE RESULT.**

05

**TREAT CONTROL TELEMETRY AS A PRODUCT
WITH CONSUMERS, CONTRACTS, OWNERS,
AND QUALITY CHECKS.**

**ROUTE SIGNALS INTO DECISIONS.
MONITORING WITHOUT RESPONSE IS
THEATER WITH BETTER PLUMBING.**

INSTRUMENT THE INSTRUMENTATION: COVERAGE, FRESHNESS, MISSING SOURCES, REJECTED RECORDS, AND UNRESOLVED MAPPINGS.

08

**LET ORDINARY OPERATION PRODUCE A
CONTROL STORY THAT CAN SURVIVE
INSPECTION.**

ONE MOVE TO MAKE NOW

Write one control telemetry contract: source, event or state, population key, cadence, retention, integrity, owner, consumer, decision path, and failure signal.

PRACTITIONER METHOD / SCOTT NORTON