

ITAM Standards And the Future of ITAM

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Ron Brill

ITAM World

Tokyo, Japan, 2018



Anglepoint

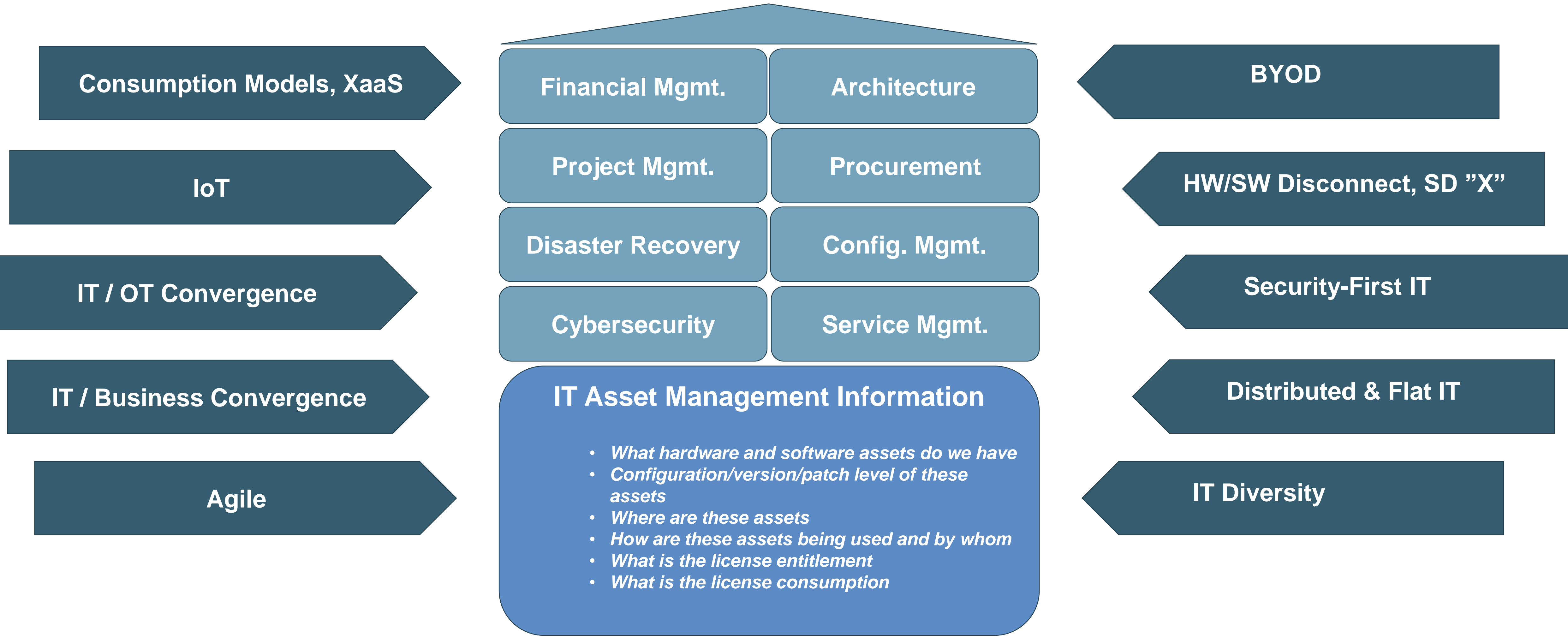
THE CHALLENGE

“By 2022, 30% of digital business initiatives will have failed due to inadequate ITAM capabilities”

Gartner, 2017



ITAM AND THE DIGITAL BUSINESS DISRUPTION



STANDARDS & GOVERNANCE FRAMEWORKS



THE INTERNATIONAL STANDARDS ORGANIZATION

- ISO is the ONLY internationally-recognized standards body
- Established in 1947, Headquartered in Geneva, Switzerland
- Currently has 168 member countries
- Each country has 1 recognized national body that is the member in ISO
- Work is done in committees (Working Groups)
- Standards are written by industry experts who work on a volunteer basis
- Committee Chairs (also called Convenors) are elected for a 3-year term
- All decisions and standard drafts are voted on by all countries
- Standards must be refreshed every 5 years
- Standards need to be purchased



ISO ITAM COMMITTEE (WG21)

- About 150 Members
- 23 Countries
- 9 Liaison Organizations
- Cross-Section Industry Representation:
 - Technology Providers (*Microsoft, IBM, Oracle, HP, DellEMC, Cisco*)
 - ITAM Tool Vendors (*Flexera, Snow, 1E, Eracent*)
 - Consultants (*M-Assure, Accenture, Anglepoint, ConSalt*)
 - Industry Bodies (*NIST, BSA, TagVault*)
 - Analysts, Media, and User Orgs (*Gartner, ITAM Review, IAITAM, SAMAC*)
 - End-User Organizations (*Shell, Roche, Novartis, GSK, US DoD, Google*)



PUBLISHED ISO ITAM STANDARDS



Management System

19770-1: ITAM

Information Structure

19770-2: SWID Tags

19770-3: Ent Tags

19770-4: RUM Tags

Overview & Vocabulary

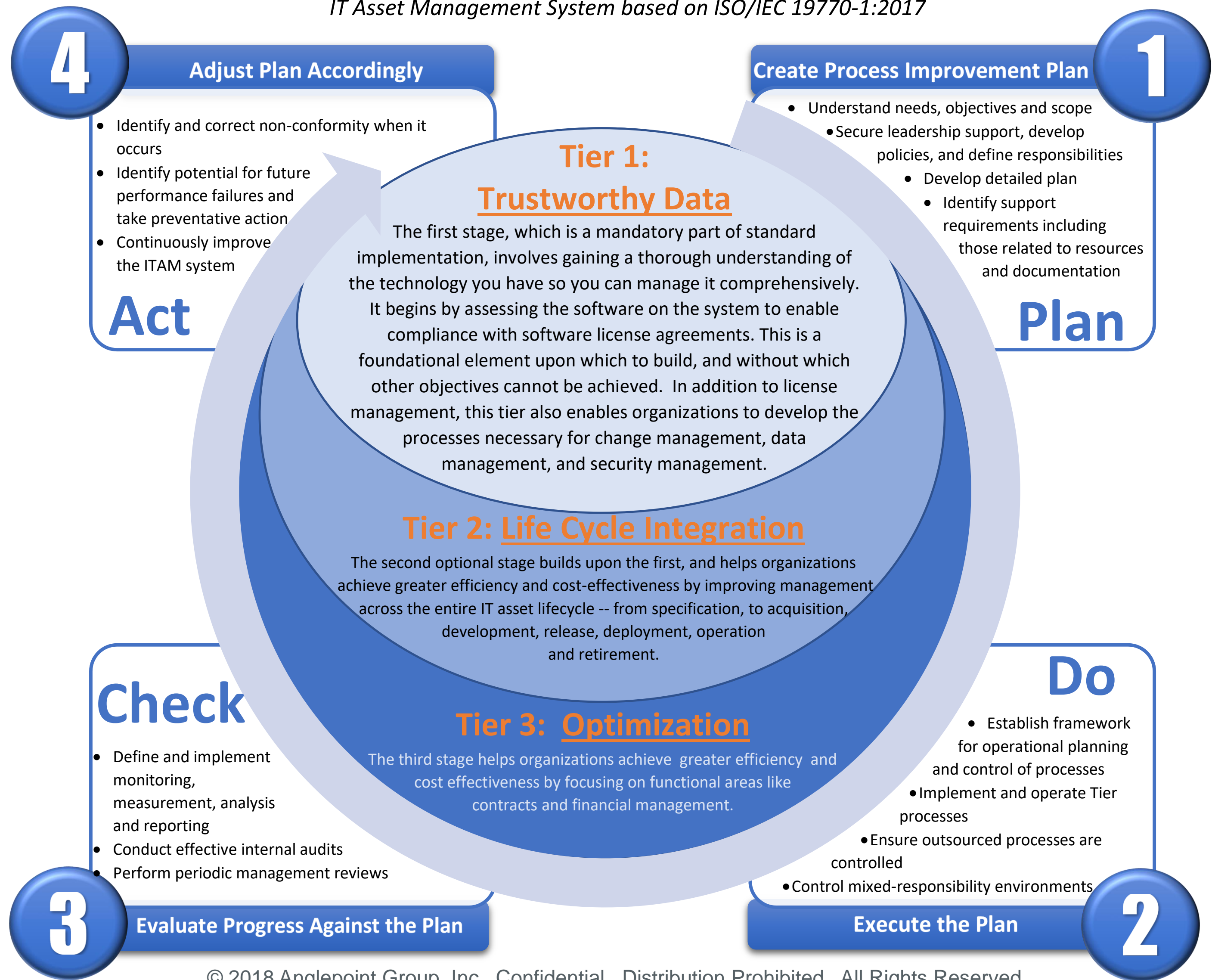
19770-5

ISO 197701-1:2017 – ITAM SYSTEM REQUIREMENTS

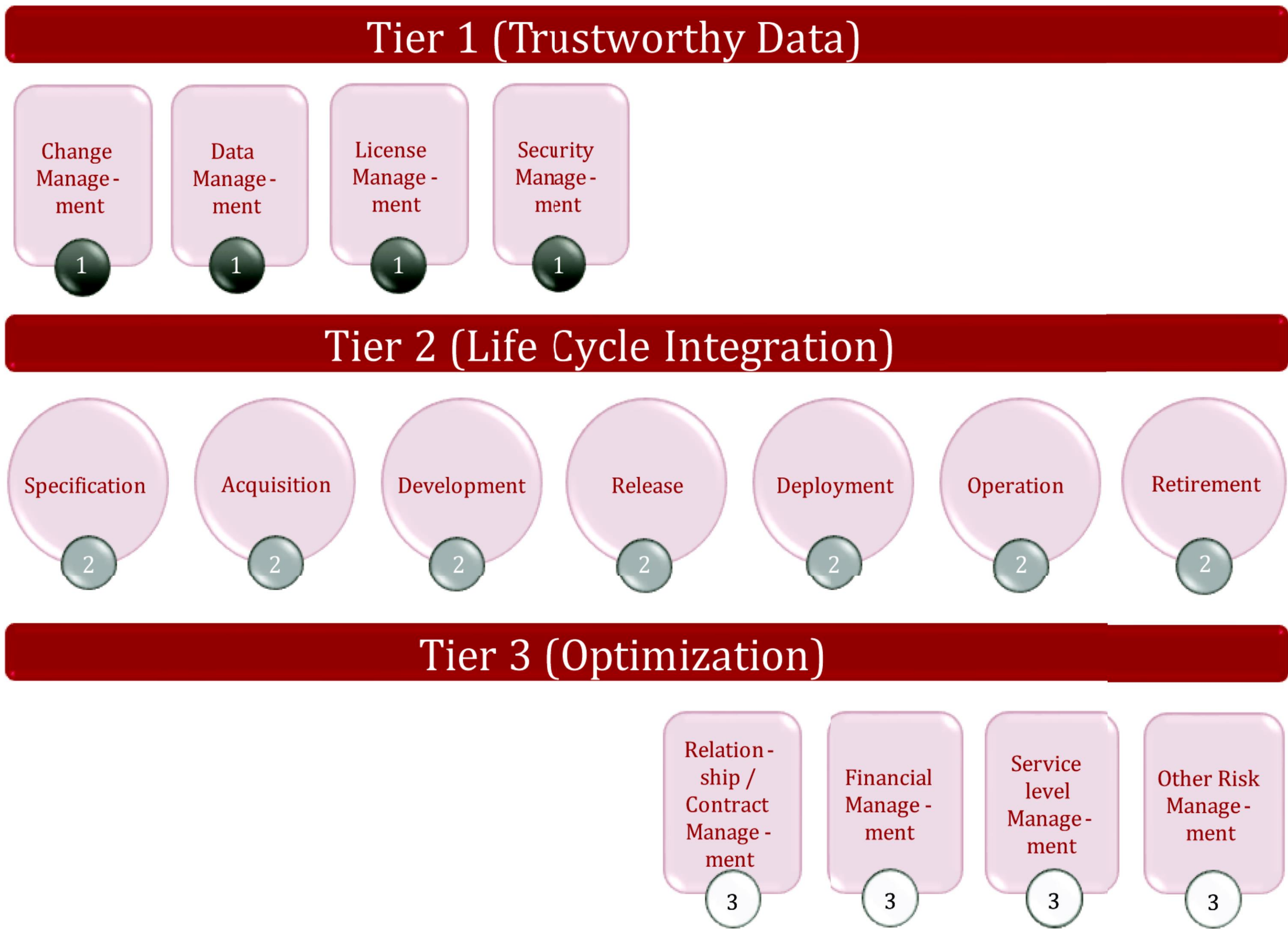


The Plan-Do-Check-Act Continuous Improvement Cycle

IT Asset Management System based on ISO/IEC 19770-1:2017



ISO 197701-1:2017 – ITAM SYSTEM REQUIREMENTS



NEW ISO ITAM STANDARDS UNDER DEVELOPMENT

- **19770-2:** Software Identification Tags - Refresh to 2015 version
- **19770-5:** Overview & vocabulary - Refresh to 2015 version
- **19770-6:** Hardware Identification Tag
- **19770-7:** ITAM Inventory Schema
- **19770-8:** Mapping Framework To/From 19770
- **19770-10:** ITAM Management System Substantive Guidance
- **19770-11:** ITAM Certification Framework



ADDITIONAL EMERGING TOPICS FOR ITAM

ITAM for IoT

ITAM in SaaS

ITAM in
IaaS/PaaS

ITAM in CUEE

ITAM and ITFM

ITAM and
Telemetry

ITAM for
Cybersecurity

Blockchain for
ITAM



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QUESTIONS?

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