

ISACA International COBIT 5

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1967

small group of individuals with similar jobs—auditing controls in the computer systems

2012

More than 100K constituents

2012

Members in 180 Countries

2012
200 Chapters!

- Information systems environments are continuing to **increase in complexity and impact**, bringing unprecedented **value** opportunities along with significant **risk**. This requires **active governance and management of internal and external information systems**.

- Our strategic aspirational view focuses on our **global leadership** in educating, training and informing professionals and enterprises in the area of **trust in and value from information and information systems**.
- ISACA will:
 - continue to research and **create the knowledge** that our **core constituents** need to succeed in the coming decade and beyond, plus
 - reach out to other professionals who may find value in our practical education on building trust within their domains.

Enterprise-wide value

- Given the growing complexities of global competition, **ever-increasing risk and the need to demonstrate compliance**, enterprises must take a **systemic approach to governing** their information systems. ISACA certifications, education, research, standards, frameworks and professional communities help enterprises **balance the risks and rewards from their information systems.**

- Members rely on ISACA for resources that **enhance their skills, expand their professional knowledge and connect them with a vibrant community of peers.** Many professionals worldwide consider membership in ISACA essential to their ongoing education, career progression and value delivery to their enterprises.

COBIT History

- **1996 : CobIT 1 Framework**

- **7 business criteria for information**

- Effectiveness
- Efficiency
- Confidentiality
- Integrity
- Availability
- Compliance
- Reliability

- **4 domains**

- Planning and organization
- Acquisition and implementation
- Delivery and support
- Monitoring Efficiency

- **Audit guidelines for each IT process**

- Who should be interviewed?
- What information should be obtained?
- What type of evidence should be considered?
- What type of tests should be performed to ensure compliance?
- What type of information should be obtained and what type of work should be performed to substantiate the actual level of risk?

- **5 IT resources**

- Data
- Application systems
- Technology
- Facilities
- People

- **32 IT processes (271 sub-processes and control objectives)**

- Connected to business requirements
- Connected to enablers
- Connected to considerations to be taken into account

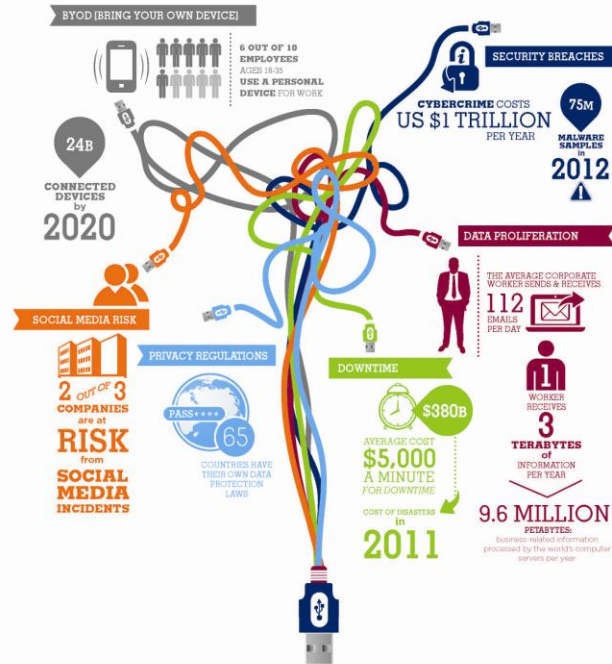
COBIT History

- **1998 : CobiT 2 (Governance, Control and Audit for Information and related Technology)**
- **2000 : CobiT 3 (Governance, Control and Audit for Information and related Technology)**
- **2005 : CobiT 4.0 (updated in 2007 with CobiT 4.1)**

- **2006 : Val IT (updated in 2008, Val IT 2) A framework and supporting publications addressing the governance of IT-enabled business investments**
- **2009: Risk IT (A framework and supporting publications addressing the governance and management of IT Risks)**
- **2010 : BMIS (The Business Model for Information Security)**

EXTRACTING VALUE FROM INFORMATION CHAOS

WHY GOOD GOVERNANCE MAKES GOOD SENSE



BUSINESS GOVERNANCE AND MANAGEMENT OF ENTERPRISE IT

Download a complimentary copy of COBIT 5 today or learn more at www.isaca.org/cobit

COBIT[®] 5
AN ISACA[®] FRAMEWORK

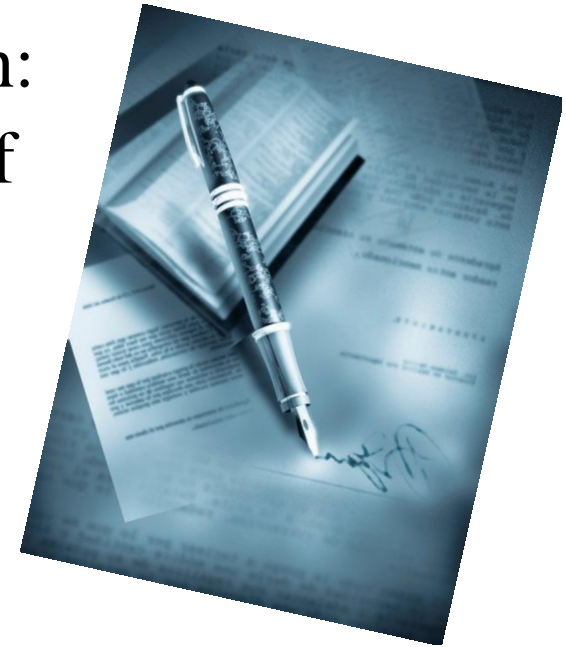
SOURCES

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Stakeholder Value

Stakeholder value can be achieved with:

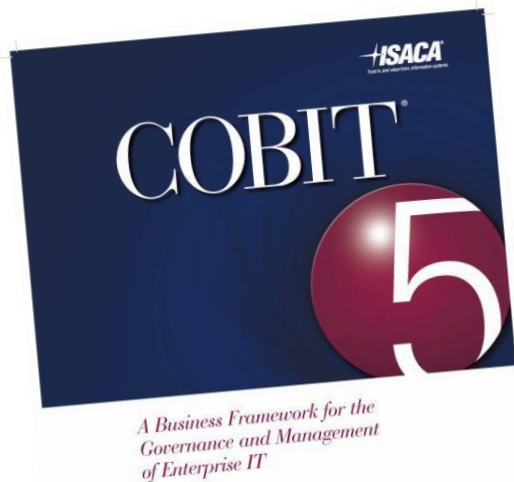
- Good governance and management of information and IT assets
- Buy-in of enterprise boards, executives and management
- Legal, regulatory and contractual compliance



COBIT 5 provides a comprehensive framework that assists enterprises to achieve their goals and deliver value through effective governance and management of enterprise IT.

The COBIT 5 Framework

Trust in, and value from, information systems



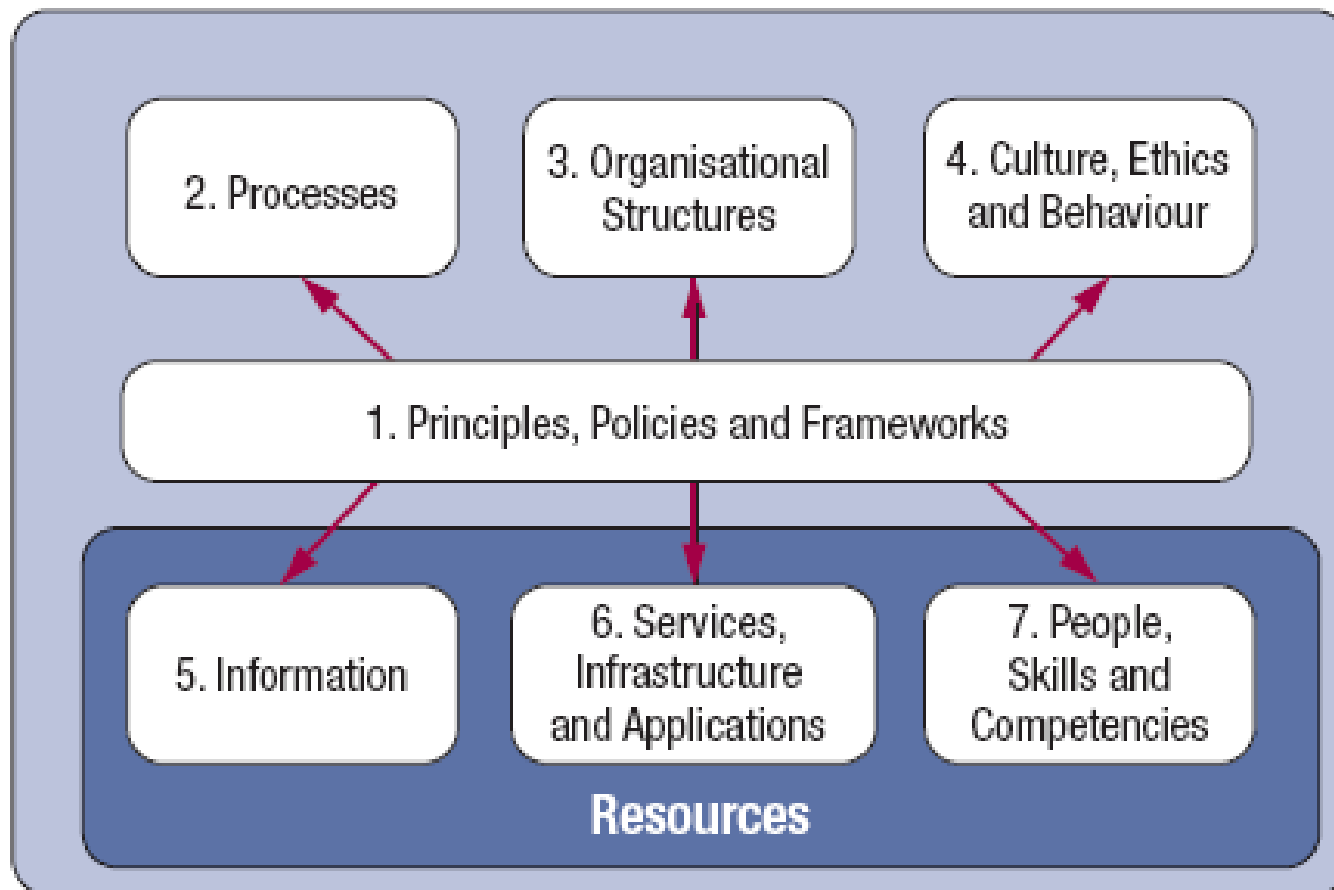
- COBIT 5 helps enterprises create value from IT by maintaining a balance between realising benefits and optimising risk levels.
- COBIT 5 enables information and related technology to be governed and managed in a holistic manner for the entire enterprise.
- The COBIT 5 **principles** and **enablers** are generic and useful for enterprises of all sizes, whether commercial, not-for-profit or in the public sector.

COBIT 5 Principles



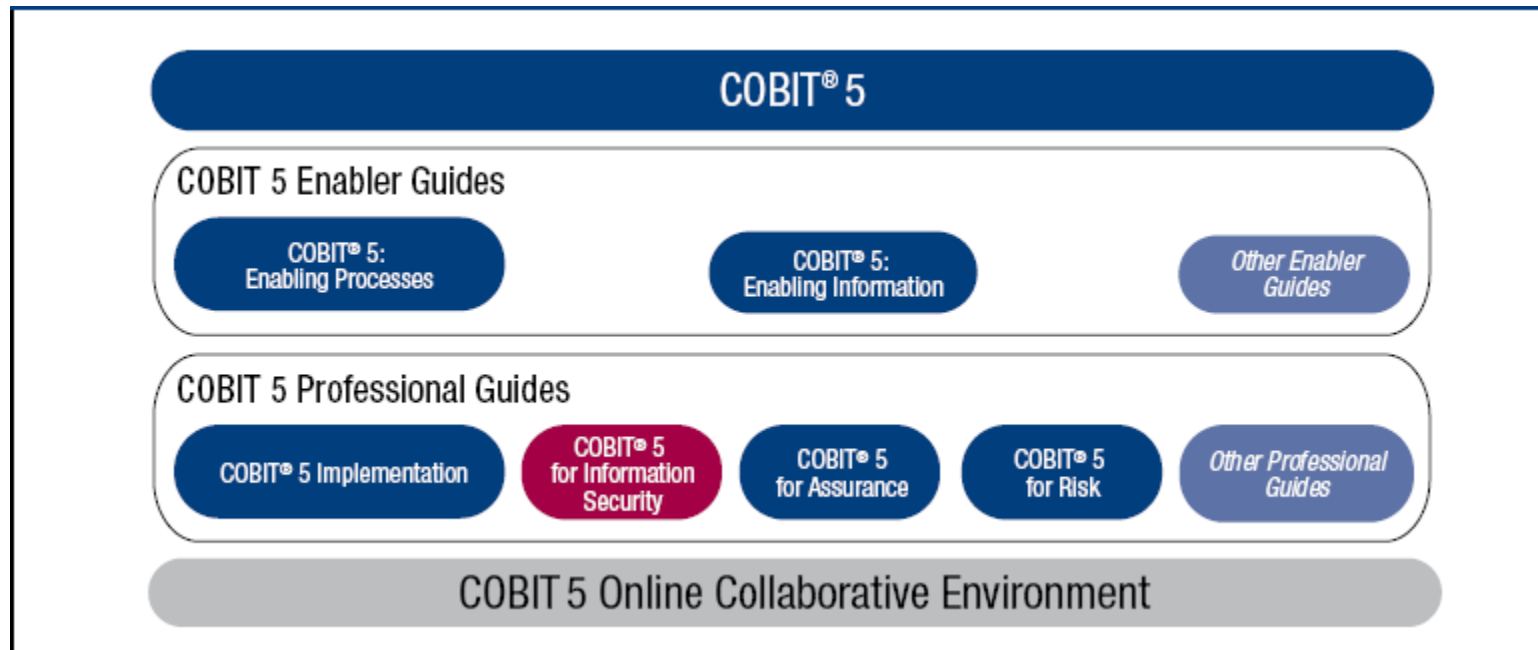
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COBIT 5 Enablers

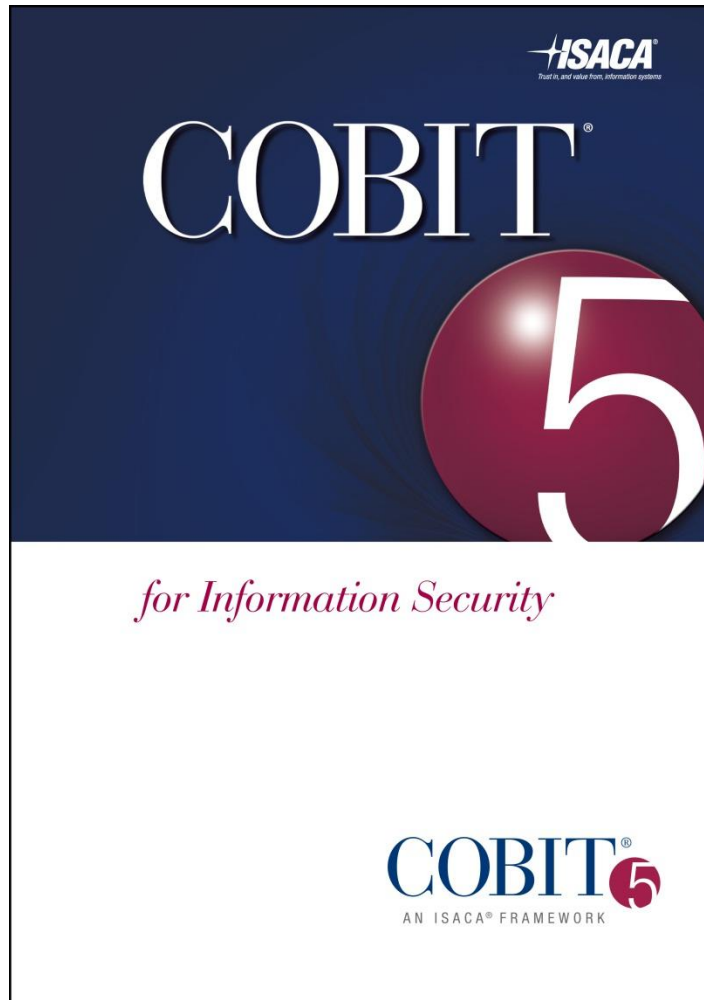


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COBIT 5 Product Family



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- ✓ Extended view of COBIT5
- ✓ Explains each component from info security perspective

What does it contain?



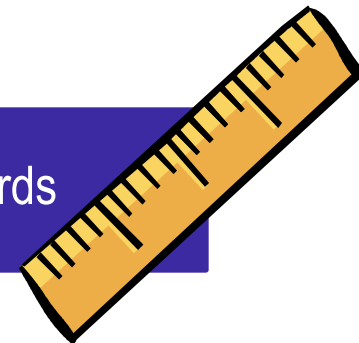
Guidance on drivers, benefits

Principles from infosec perspective



Enablers for support

Alignment with standards



Major drivers for the development of *COBIT 5 for Information Security* include:

1. The need to describe information security in an enterprise context
2. An increasing need for enterprises to:
 - Keep risk at acceptable levels
 - Maintain availability to systems and services
 - Comply with relevant laws and regulations
3. The need to connect to and align with other major standards and frameworks
4. The need to link together all major ISACA research, frameworks and guidance

THANK YOU

ENJOY THE CONFERENCE!