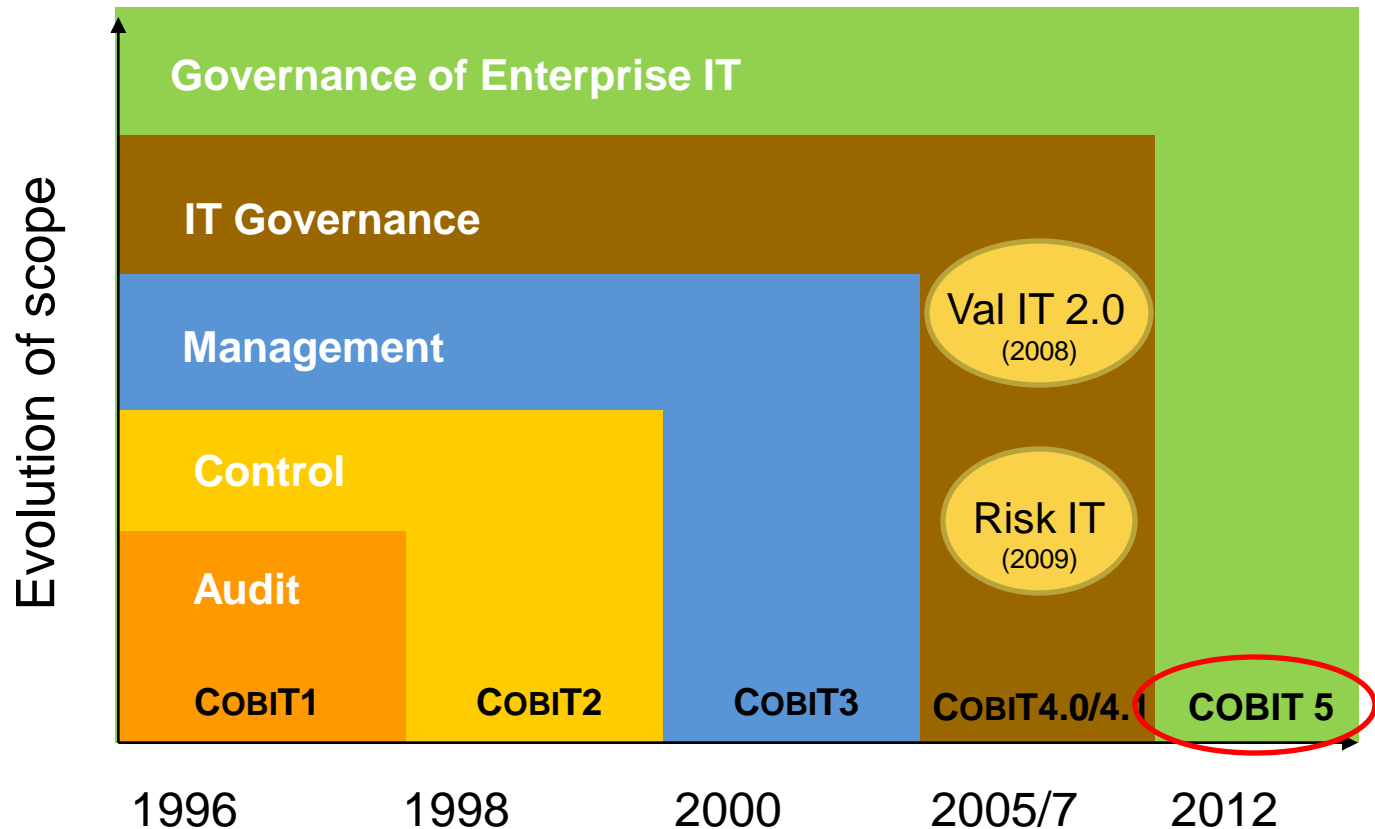


# COBIT 5

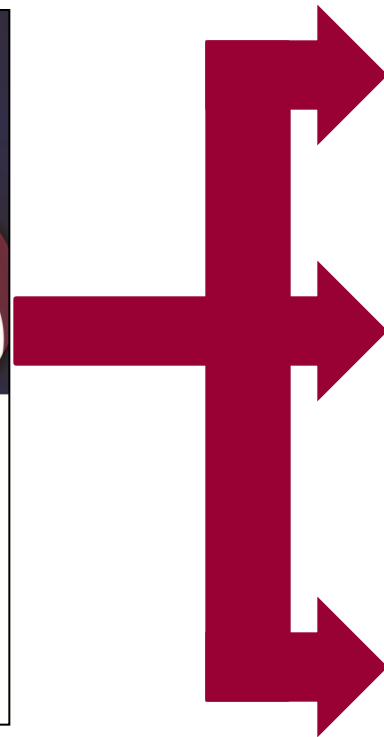
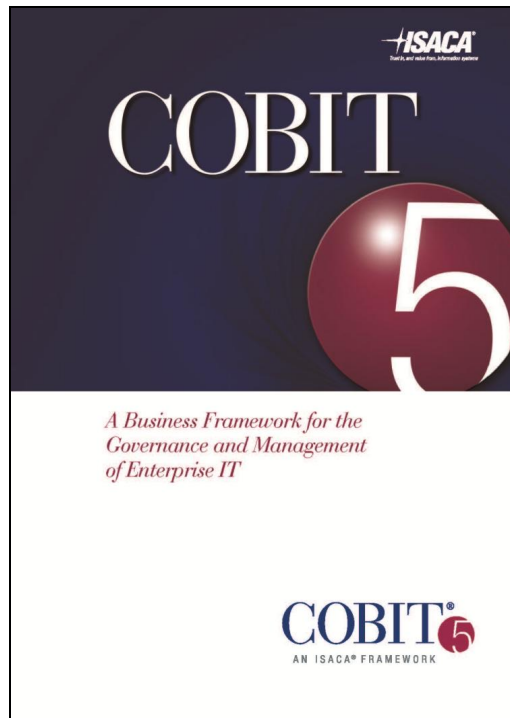
**Presented by  
Ken Vander Wal, CISA, CPA  
ISACA International President  
[vandeke@gmail.com](mailto:vandeke@gmail.com)**

# COBIT 5: Now One Complete Business Framework

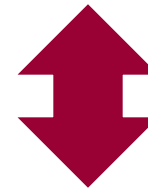


An business framework from ISACA, at [www.isaca.org/cobit](http://www.isaca.org/cobit)

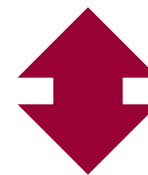
# COBIT—The ISACA Framework



Stakeholder needs



Governance objective:  
value creation



Governance and  
management principles  
and enablers

[www.isaca.org/cobit](http://www.isaca.org/cobit)

# COBIT 4.1 Framework

COBIT

ME1 Monitor and evaluate IT performance.  
ME2 Monitor and evaluate internal control.  
ME3 Ensure compliance with external requirements.  
ME4 Provide IT governance.

P01 Define a strategic IT plan.  
P02 Define the information architecture.  
P03 Determine technological direction.  
P04 Define the IT processes, organisation and relationships.  
P05 Manage the IT investment.  
P06 Communicate management aims and direction.  
P07 Manage IT human resources.  
P08 Manage quality.  
P09 Assess and manage IT risks.  
P010 Manage projects.

INFORMATION  
CRITERIA

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

MONITOR AND  
EVALUATE

PLAN AND  
ORGANISE

IT RESOURCES

- Applications
- Information
- Infrastructure
- People

DELIVER AND  
SUPPORT

ACQUIRE AND  
IMPLEMENT

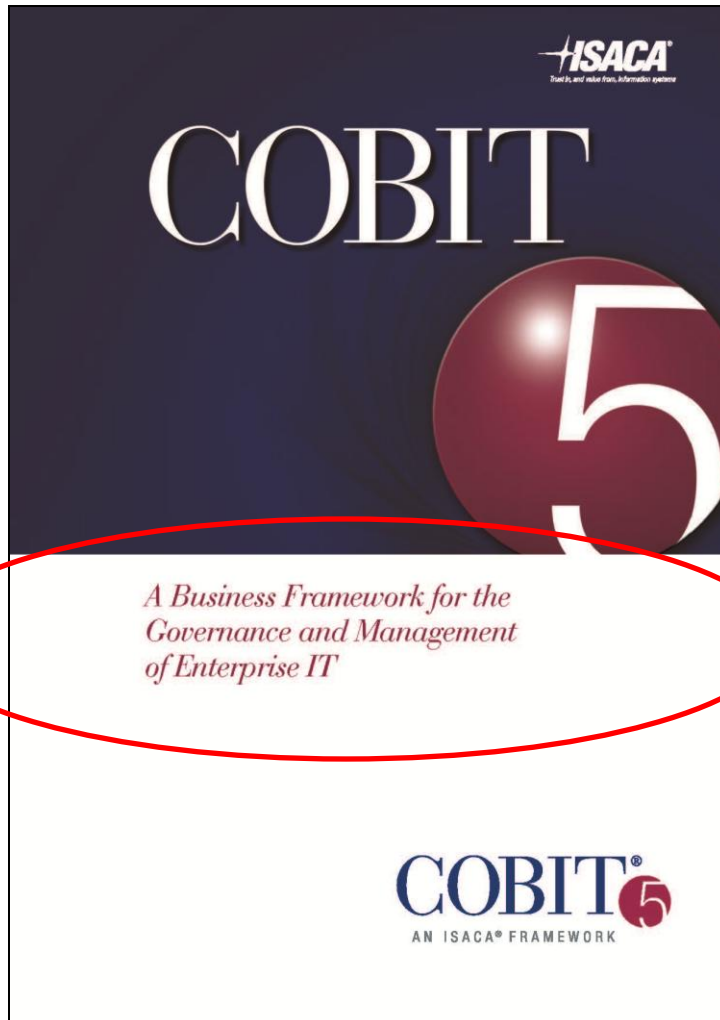
DS1 Define and manage service levels.  
DS2 Manage third-party services.  
DS3 Manage performance and capacity.  
DS4 Ensure continuous service.  
DS5 Ensure systems security.  
DS6 Identify and allocate costs.  
DS7 Educate and train users.  
DS8 Manage service desk and incidents.  
DS9 Manage the configuration.  
DS10 Manage problems.  
DS11 Manage data.  
DS12 Manage the physical environment.  
DS13 Manage operations.

A11 Identify automated solutions.  
A12 Acquire and maintain application software.  
A13 Acquire and maintain technology infrastructure.  
A14 Enable operation and use.  
A15 Procure IT resources.  
A16 Manage changes.  
A17 Install and accredit solutions and changes.

BUSINESS OBJECTIVES

GOVERNANCE OBJECTIVES

# COBIT 5—The Next Generation



Aligning current thinking  
on enterprise governance and  
management techniques as  
they relate to IT

[www.isaca.org/cobit](http://www.isaca.org/cobit)

# COBIT 5 Product Family

## The Framework

### COBIT® 5 Product Family

COBIT® 5

#### COBIT 5 Enabler Guides

COBIT® 5: Enabling  
Processes

COBIT® 5: Enabling  
Information

Other Enabler  
Guides

#### COBIT 5 Professional Guides

COBIT® 5 Implementation

COBIT® 5 for  
Information  
Security

COBIT® 5 for  
Assurance

COBIT® 5 for  
Risk

Other Professional  
Guides

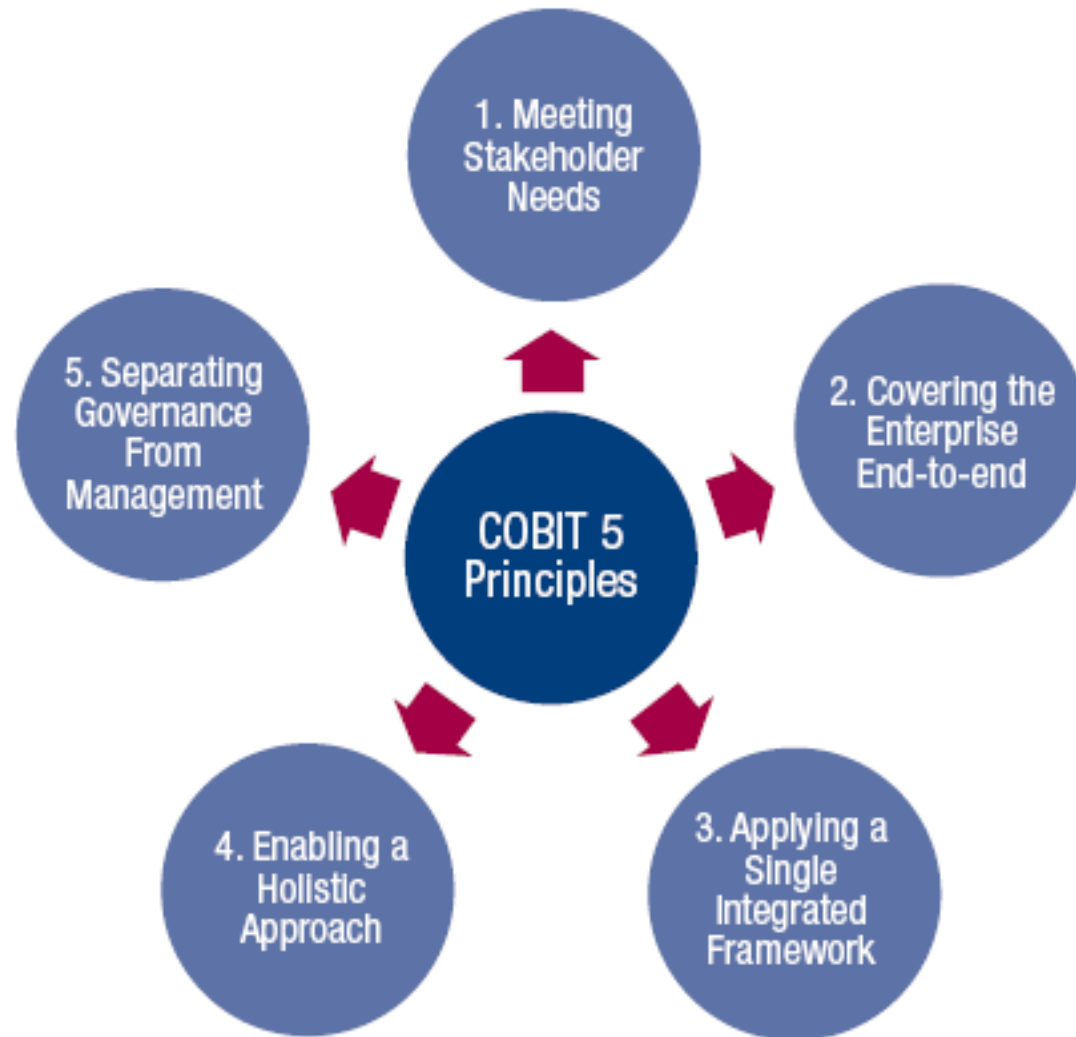
COBIT 5 Online Collaborative Environment

# Simply Stated....COBIT 5

- ✓ Creates optimal value by balancing benefits, risk and resources
- ✓ Enables information and related technology to be governed and managed in a holistic manner
- ✓ Offers generic, useful principles and enablers
- ✓ Addresses increasing external, legal, regulatory and contractual compliance requirements

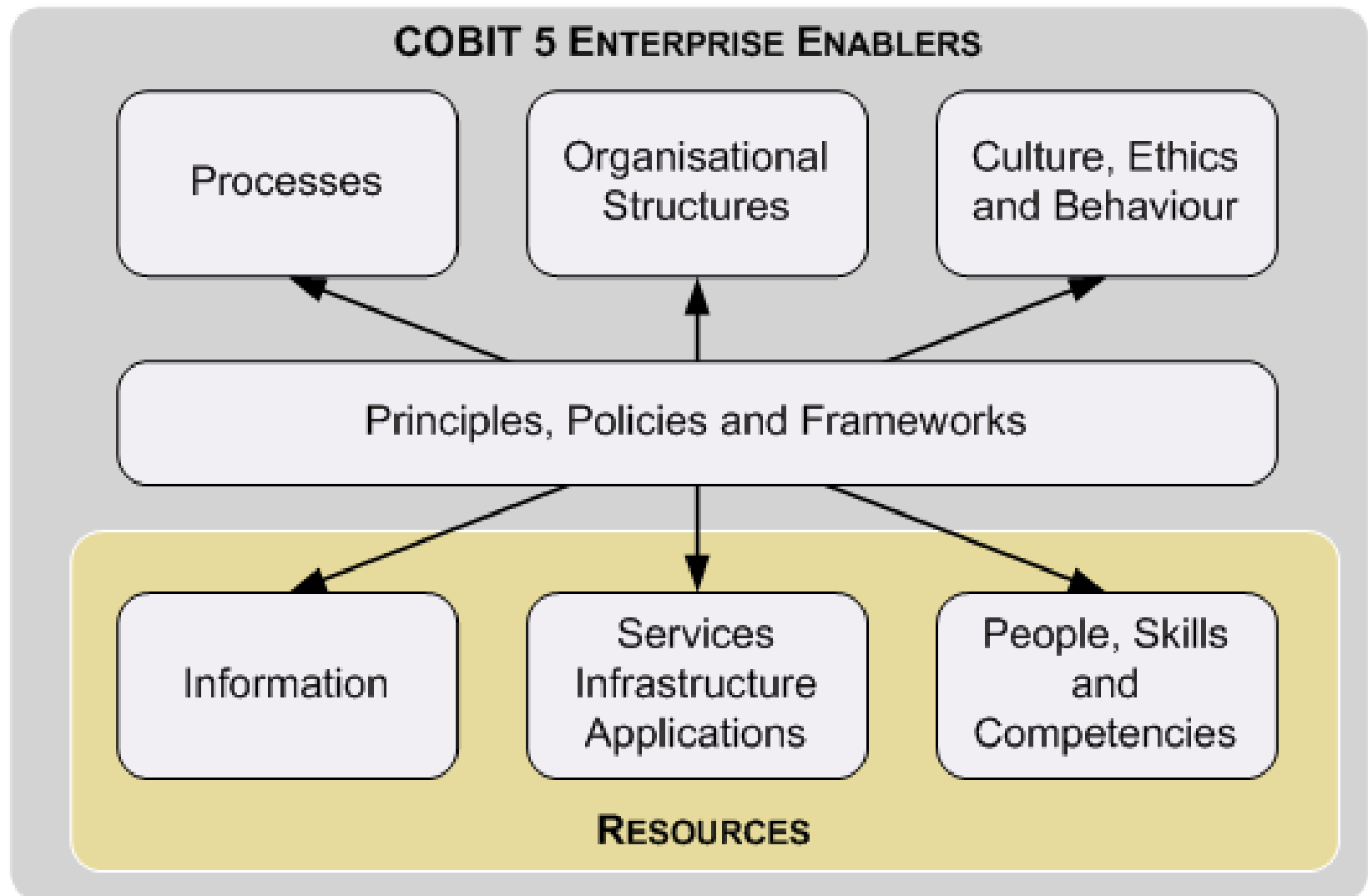


# COBIT 5 Principles





# COBIT 5 Enablers



# COBIT 5 Product Family— Enabling Processes

## COBIT® 5 Product Family

COBIT® 5

### COBIT 5 Enabler Guides

COBIT® 5: Enabling  
Processes

COBIT® 5: Enabling  
Information

Other Enabler  
Guides

### COBIT 5 Professional Guides

COBIT® 5 Implementation

COBIT® 5 for  
Information  
Security

COBIT® 5 for  
Assurance

COBIT® 5 for  
Risk

Other Professional  
Guides

COBIT 5 Online Collaborative Environment

- **Governance** ensures that enterprise objectives are achieved by **evaluating** stakeholder needs, conditions and options; setting **direction** through prioritisation and decision making; and **monitoring** performance, compliance and progress against agreed direction and objectives (**EDM**)
- **Management plans, builds, runs and monitors** activities in alignment with the direction set by the governance body to achieve the enterprise objectives (**PBRM**)

- *COBIT 5: Enabling Processes* complements *COBIT 5* and contains a detailed reference guide to the processes that are defined in the COBIT 5 process reference model:
  - In section 2, the COBIT 5 goals cascade is recapitulated and complemented with a set of example metrics for the enterprise goals and the IT-related goals.
  - In section 3, the COBIT 5 process model is explained and its components defined.
  - Section 4 shows the diagram of this process reference model.
  - Section 5 contains the detailed process information for all 37 COBIT 5 processes in the process reference model.

# COBIT 5: Enabling Processes

Trust in, and value from, information systems

## Processes for Governance of Enterprise IT

### Evaluate, Direct and Monitor

EDM01 Ensure Governance Framework Setting and Maintenance

EDM02 Ensure Benefits Delivery

EDM03 Ensure Risk Optimisation

EDM04 Ensure Resource Optimisation

EDM05 Ensure Stakeholder Transparency

### Align, Plan and Organise

AP001 Manage the IT Management Framework

AP002 Manage Strategy

AP003 Manage Enterprise Architecture

AP004 Manage Innovation

AP005 Manage Portfolio

AP006 Manage Budget and Costs

AP007 Manage Human Resources

AP008 Manage Relationships

AP009 Manage Service Agreements

AP010 Manage Suppliers

AP011 Manage Quality

AP012 Manage Risk

AP013 Manage Security

### Monitor, Evaluate and Assess

MEA01 Monitor, Evaluate and Assess Performance and Conformance

### Build, Acquire and Implement

BAI01 Manage Programmes and Projects

BAI02 Manage Requirements Definition

BAI03 Manage Solutions Identification and Build

BAI04 Manage Availability and Capacity

BAI05 Manage Organisational Change Enablement

BAI06 Manage Changes

BAI07 Manage Changes Acceptance and Transitioning

BAI08 Manage Knowledge

BAI09 Manage Assets

BAI010 Manage Configuration

MEA02 Monitor, Evaluate and Assess the System of Internal Control

### Deliver, Service and Support

DSS01 Manage Operations

DSS02 Manage Service Requests and Incidents

DSS03 Manage Problems

DSS04 Manage Continuity

DSS05 Manage Security Services

DSS06 Manage Business Process Controls

MEA03 Monitor, Evaluate and Assess Compliance With External Requirements

## Processes for Management of Enterprise IT

# COBIT 5 Product Family— Implementation

## COBIT® 5 Product Family

COBIT® 5

### COBIT 5 Enabler Guides

COBIT® 5: Enabling  
Processes

COBIT® 5: Enabling  
Information

Other Enabler  
Guides

### COBIT 5 Professional Guides

COBIT® 5 Implementation

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Assurance

COBIT® 5 for  
Risk

Other Professional  
Guides

COBIT 5 Online Collaborative Environment

*COBIT 5 Implementation* covers :

- ✓ Positioning GEIT within an enterprise
- ✓ Taking the first steps towards improving GEIT
- ✓ Implementation challenges and success factors
- ✓ Enabling GEIT- related organizational and behavioral change
- ✓ Implementing continual improvement that includes change enablement and program management
- ✓ Using COBIT 5 and its components

# COBIT 5 Implementation



- **Programme management**  
(outer ring)
- **Change enablement**  
(middle ring)
- **Continual improvement life cycle**  
(inner ring)



# COBIT 5

## Future Supporting Products

# COBIT 5 Product Family— Future Supporting Products

## COBIT® 5

### COBIT 5 Enabler Guides

COBIT® 5:  
Enabling Processes

COBIT® 5:  
Enabling Information

*Other Enabler  
Guides*

### COBIT 5 Practitioner Guides

COBIT® 5 Implementation

COBIT® 5  
for Information  
Security

COBIT® 5  
for Assurance

COBIT® 5  
for Risk

*Other Practitioner  
Guides*

COBIT 5 Online Collaborative Environment

# COBIT 5 Future Supporting Products

## Future supporting products:

- Practice Guides:
  - COBIT 5 for Information Security
  - COBIT 5 for Assurance
  - COBIT 5 for Risk
- Enabler Guides:
  - COBIT 5: Enabling Information
- COBIT Online Replacement
- COBIT Assessment Programme:
  - Process Assessment Model (PAM): Using COBIT 5
  - Assessor Guide : Using COBIT 5
  - Self-assessment Guide: Using COBIT 5

# Thank you for listening!

❖ If you have questions about ISACA publications and ongoing research, please contact:

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