

COBIT 2019 Design and Implementation

COBIT Implementation

Chapter 1. Introduction

Improvement of Enterprise Governance of Information and Technology

COBIT Overview

Objectives and Scope of the Implementation Guide

Structure of This Publication

Target Audience for This Publication

Related Guidance: COBIT® 2019 Design Guide

Chapter 2. Positioning Enterprise Governance of I&T

Understanding the Context

What is EGIT?

Why is EGIT so Important?

What Should EGIT Deliver?

Leveraging COBIT and Integrating Frameworks, Standards and Good Practices

Governance Principles

Governance System and Components

Governance and Management Objectives

Chapter 3. Taking the First Steps Toward EGIT

Creating the Appropriate Environment

Applying a Continual Improvement Life Cycle Approach

Phase 1—What Are the Drivers?

Phase 2—Where Are We Now?

Phase 3—Where Do We Want to Be?

Phase 4—What Needs to Be Done?

Phase 5—How Do We Get There?

Phase 6—Did We Get There?

Phase 7—How Do We Keep the Momentum Going?

Getting Started—Identify the Need to Act: Recognizing Pain Points and Trigger Events

Typical Pain Points

Trigger Events in the Internal and External Environments

Stakeholder Involvement

Recognizing Stakeholders' Roles and Requirements

Internal Stakeholders

External Stakeholders

Independent Assurance and the Role of Auditors

Chapter 4. Identifying Challenges and Success Factors

Introduction

Creating the Appropriate Environment

Phase 1—What Are the Drivers?

Phase 2—Where Are We Now? and Phase 3—Where Do We Want to Be?

Phase 4—What Needs to Be Done?

Phase 5—How Do We Get There?

Phase 6—Did We Get There? and Phase 7—How Do We Keep the Momentum Going?

Chapter 5. Enabling Change

The Need for Change Enablement

Change Enablement of EGIT Implementation

Phases in the Change Enablement Life Cycle Create the Appropriate Environment

Phase 1—Establish the Desire to Change

Phase 2—Form an Effective Implementation Team

Phase 3—Communicate Desired Vision

Phase 4—Empower Role Players and Identify Quick Wins

Phase 5—Enable Operation and Use

Phase 6—Embed New Approaches

Phase 7—Sustain

Chapter 6. Implementation Life Cycle

Introduction

Phase 1—What Are the Drivers?

Phase 2—Where Are We Now?

Phase 3—Where Do We Want to Be?

Phase 4—What Needs to Be Done?

Phase 5—How Do We Get There?

Phase 6—Did We Get There?

Phase 7—How Do We Keep the Momentum Going?

COBIT Design

Part I. Design Process

Chapter 1. Introduction and Purpose

Governance Systems

Structure of This Publication

Target Audience for This Publication

Related Guidance: COBIT[®] 2019 Implementation Guide

Chapter 2. Basic Concepts: Governance System and Components

Introduction

Governance and Management Objectives

Components of the Governance System

Focus Areas

Capability Levels

Design Factors

Why is There no Industry Sector Design Factor?

Chapter 3. Design Factors

3.1 Impact of Design Factors

Chapter 4. Designing a Tailored Governance System.31

Introduction

Step 1: Understand the Enterprise Context and Strategy

Understand Enterprise Strategy

Understand Enterprise Goals

Understand the Risk Profile

Understand Current I&T-Related Issues

Conclusion

Step 2: Determine the Initial Scope of the Governance System
Translating Design Factors into Governance and Management Priorities

Consider Enterprise Strategy (Design Factor 1)
Consider Enterprise Goals and Apply the COBIT Goals Cascade (Design Factor 2)
Consider the Risk Profile of the Enterprise (Design Factor 3)
Consider Current I&T-Related Issues of the Enterprise (Design Factor 4)

Conclusion

Step 3: Refine the Scope of the Governance System

Consider the Threat Landscape (Design Factor 5)
Consider Compliance Requirements (Design Factor 6)
Consider the Role of IT (Design Factor 7)
Consider the Sourcing Model for IT (Design Factor 8)
Consider IT Implementation Methods (Design Factor 9)
Consider the Technology Adoption Strategy (Design Factor 10)
Consider Enterprise Size (Design Factor 11)

Conclusion

Step 4: Resolve Conflicts and Conclude the Governance System Design

Resolve Inherent Priority Conflicts

Purpose

Resolution Strategies

Resolution Approach

Conclude the Governance System Design

Concluding the Design

Sustaining the Governance System

Chapter 5. Connecting With the COBIT[®] 2019 Implementation Guide

Purpose of the COBIT[®] 2019 Implementation Guide

COBIT Implementation Approach

Phase 1—What Are the Drivers?

Phase 2—Where Are We Now?

Phase 3—Where Do We Want to Be?

Phase 4—What Needs to Be Done?

Phase 5—How Do We Get There?

Phase 6—Did We Get There?

Phase 7—How Do We Keep the Momentum Going?

Relationship Between COBIT Design Guide and COBIT Implementation Guide

Part II. Execution and Examples

Chapter 6. The Governance System Design Toolkit

Introduction

Toolkit Basics

Step 1 and Step 2: Determine the Initial Scope of the Governance System.

Enterprise Strategy (Design Factor 1)

Enterprise Goals and Applying the COBIT Goals Cascade (Design Factor 2)

Risk Profile of the Enterprise (Design Factor 3)

Current I&T-Related Issues of the Enterprise (Design Factor 4)

Conclusion

Step 3: Refine the Scope of the Governance System

Threat Landscape (Design Factor 5)

Compliance Requirements (Design Factor 6)

Role of IT (Design Factor 7)

Sourcing Model for IT (Design Factor 8)

IT Implementation Methods (Design Factor 9)

Technology Adoption Strategy (Design Factor 10)

Enterprise Size (Design Factor 11)

Conclusion