

# **Internal Control and IT Control Processes**

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## Preface

The purpose of this book is to examine the implementation of IT control processes in the light of the overall organization internal controls system. In the first chapter, an overview of the regulation development and definition of the internal controls system is provided. In particular, the related concepts and frameworks of internal control are introduced. There are numerous significant statements including laws, regulations, and standards which have been established regarding the importance and role of an internal controls system in many countries.

Although the view of the previous auditing standards was to separate the accounting internal controls from the administrative internal control (e.g. SAS No. 29) it was not practically possible and the recent regulations and standards (SAS No. 78, SOX, Turnbull, IAS No. 31-5) have a comprehensive view regarding the evaluation of internal controls by auditors. Therefore, the second chapter will provide the information regarding the IT control. It attempts to introduce the concept of IT control processes and to provide the theoretical background. The main body of this chapter focuses on IT governance and described the most important developed framework in this area. Then the COBIT framework as the most utilized IT governance framework with its control processes in four domains has been described in detail.