

Controls over Spreadsheets for Financial Reporting in Practice

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ABSTRACT

Past studies show that only a small percent of organizations implement and enforce formal rules or informal guidelines for the designing, testing, documenting, using, modifying, sharing and archiving of spreadsheet models. Due to lack of such policies, there has been little research on how companies can effectively govern spreadsheets throughout their life cycle. This paper describes a survey involving 38 participants from the United States, representing companies that were working on compliance with the Sarbanes-Oxley Act of 2002 (SOX) as it relates to spreadsheets for financial reporting. The findings of this survey describe specific controls organizations have implemented to manage spreadsheets for financial reporting throughout the spreadsheet's lifecycle. Our findings indicate that there are problems in all stages of a spreadsheet's life cycle and suggest several important areas for future research.

1 INTRODUCTION

It is broadly accepted that errors are prevalent in spreadsheets [Panko, 2006]. Spreadsheet risk can be defined as the likelihood of adverse operational or financial consequences resulting from use of a spreadsheet. To date, most spreadsheet research has focused primarily on understanding and mitigating spreadsheet risks associated with quantitative errors that occur during system development, the first part of the system's life cycle. This line of research investigates and often suggests implementation of more formal software engineering techniques during the creation of a spreadsheet [Leon, Abraham & Kalbers, 2010; Grossman & Ozluk, 2010; Panko, 2006]. While there are definite risks of developing an erroneous spreadsheet, there are additional and just as serious risks associated with the maintenance and operational use of the spreadsheet throughout the later parts of its life cycle.

We surveyed 38 companies working on compliance with the Sarbanes-Oxley Act of 2002 (SOX) as it relates to spreadsheets associated with financial reporting. We collected information about the controls and processes they have implemented in their organization as well as the difficulties/challenges they have encountered. This paper presents the findings of this survey. While these findings describe spreadsheets associated with financial reporting, the identification of effective controls and processes are applicable to other key spreadsheets in an organization and therefore should be considered in developing best practices for IT governance. Similarly we expect all organizations will encounter the same difficulties that these

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Internal Control Strategies Julie Harrer, 2008-09-02 Praise for Internal Control Strategies A Mid to Small Business Guide Internal Control Strategies is an excellent field guide for the implementation and maintenance of efficient and effective internal control systems The book provides a practical approach to interpreting guidance from oversight agencies and integrating it with industry practice in a real world environment This handbook is an essential tool for managers and professionals going through the day to day struggle of managing auditor expectations and permitting business to proceed in the most efficient manner Michael Rodriguez former senior manager of finance Qualcomm Incorporated Internal Control Strategies is the clearest path forward for middle market SEC registrants and their independent registered public accounting firms as they streamline the SOX 404 compliance process in 2008 and beyond Stephen G Austin MBA CPA Managing Firm Partner Swenson Advisors LLP Regional PCAOB Accounting Firm Clearly written and practical Internal Control Strategies is a must read for every chief audit finance or compliance executive Jeff Miller Partner in Charge Business Risk Services Squar Milner Peterson Miranda Williamson LLP As a CFO of small to mid sized publicly traded and privately held companies one is usually faced with the challenge of developing and implementing the right levels of internal controls and compliance within the restrictions of limited financial and human resources Internal Control Strategies presents the relevant topics in a clear and concise manner allowing the reader to understand the internal control framework and specific underlying requirements quickly The author s vast experience with SOX compliance ensures a targeted and pragmatic approach for the successful implementation of internal controls Her recommendations are to the point and eliminate some of the guesswork we all have experienced while working towards SOX compliance Robert S Stefanovich Chief Financial Officer Novalar Pharmaceuticals Inc The SEC requires all publicly traded companies to attest to the effectiveness of their internal controls Is your business ready Internal Control Strategies A Mid to Small Business Guide clearly explains the latest PCAOB SEC and COSO guidance providing you with an effective tool and reference guide for successful implementation of sections 302 and 404 of the Sarbanes Oxley Act Extremely knowledgeable and insightful author Julie Harrer brings practical clarity to this complex topic leading you step by step in addressing the challenges associated in bringing your business in compliance with SOX [IT Auditing and Application Controls for Small and Mid-Sized Enterprises](#) Jason Wood, William Brown, Harry Howe, 2013-12-09 Essential guidance for the financial auditor in need of a working knowledge of IT If you re a financial auditor needing working knowledge of IT and application controls Automated Auditing Financial Applications for Small and Mid Sized Businesses provides you with the guidance you need Conceptual overviews of key IT auditing issues are included as well as concrete hands on tips and techniques Inside you ll find background and guidance with appropriate reference to material published by ISACA AICPA organized to show the increasing complexity of systems starting with general principles and progressing through greater levels of functionality Provides straightforward IT guidance to financial auditors seeking to

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