Sap Segregation Of Duties Matrix

#SAP Segregation of Duties #SoD Matrix #SAP GRC #Internal Controls SAP #Access Risk Management

The SAP Segregation of Duties (SoD) matrix is a critical tool for organizations leveraging SAP systems, designed to identify and mitigate potential access risks. By mapping user roles against business processes, it highlights conflicting duties that could lead to fraud, errors, or non-compliance. Implementing an effective SoD matrix is fundamental for robust internal controls, ensuring proper governance, risk management, and compliance (GRC) within your SAP environment.

Auditing and GRC Automation in SAP

Over the last few years, financial statement scandals, cases of fraud and corruption, data protection violations, and other legal violations have led to numerous liability cases, damages claims, and losses of reputation. As a reaction to these developments, several regulations have been issued: Corporate Governance, the Sarbanes-Oxley Act, IFRS, Basel II and III, Solvency II and BilMoG, to name just a few. In this book, compliance is understood as the process, mapped not only in an internal control system, that is intended to guarantee conformity with legal requirements but also with internal policies and enterprise objectives (in particular, efficiency and profitability). The current literature primarily confines itself to mapping controls in SAP ERP and auditing SAP systems. Maxim Chuprunov not only addresses this subject but extends the aim of internal controls from legal compliance to include efficiency and profitability and then well beyond, because a basic understanding of the processes involved in IT-supported compliance management processes are not delivered along with the software. Starting with the requirements for compliance (Part I), he not only answers compliance-relevant questions in the form of an audit guide for an SAP ERP system and in the form of risks and control descriptions (Part II), but also shows how to automate the compliance management process based on SAP GRC (Part III). He thus addresses the current need for solutions for implementing an integrated GRC system in an organization, especially focusing on the continuous control monitoring topics. Maxim Chuprunov mainly targets compliance experts, auditors, SAP project managers and consultants responsible for GRC products as readers for his book. They will find indispensable information for their daily work from the first to the last page. In addition, MBA, management information system students as well as senior managers like CIOs and CFOs will find a wealth of valuable information on compliance in the SAP ERP environment, on GRC in general and its implementation in particular.

Access Risk Management in SAP

Do you need expert guidance on how to plan, implement, and run access analyses? This book takes a practical approach to customer-specific SAP rulesets for compliance managers, GRC teams, identity

and access management teams, as well as administrators running these systems. Identify types of risk and the tools available. Take a look at use cases and tools for risk analysis and explore how to optimize processes, quality of authorization roles and concepts, transparency of access rights to data, and functions for data and process owners. Explore key considerations for evaluating a tool for hosting a using a risk catalog. Take a look at limitations of risk catalogs and learn more about a methodology for customizing standard access to the risk catalog. Find out why the authors recommend starting with a small access risk catalog before move onto more complex landscapes. Take away best practices for bringing end users up to speed. - Considerations for hosting and using a risk catalog - Limitations of risk catalogs - methodology for customizing standard access - Risk handing process

SAP GRC For Dummies

Governance, risk, and compliance—these three big letters can add up to one giant headache. But GRC doesn't have to be a boil on your corporate behind. SAP GRC For Dummies untangles the web of regulations that confronts your company and introduces you to software solutions the not only keep you in compliance, but also make your whole enterprise stronger. This completely practical guide starts with a big-picture look and GRC and explains how it can help your organization grow. You'll find out why these regulations were enacted; what you can do to ensure compliance; and how compliance can help you prevent fraud, bolster your corporate image, and envision and execute the best possible corporate strategy. This all-business handbook will help you: Understand the impact of Sarbanes-Oxley Control access effectively Color your company a greener shade of green Source or sell goods internationally Keep your employees safe and healthy Ensure that data is kept secret and private Manage information flow in all directions Enhance your public image through sustainability reporting Use GRC as the basis for a powerful new corporate strategy Complete with enlightening lists of best practices for successful GRC implementation and conducting global trade, this book also puts you in touch with thought leadership Web sights where you can deepen your understanding of GRC-based business strategies. You can't avoid dealing with GRC, but you can make the most of it with a little help from SAP GRC For Dummies.

SAP Security Configuration and Deployment

Throughout the world, high-profile large organizations (aerospace and defense, automotive, banking, chemicals, financial service providers, healthcare, high tech, insurance, oil and gas, pharmaceuticals, retail, telecommunications, and utilities) and governments are using SAP software to process their most mission-critical, highly sensitive data. With more than 100,000 installations, SAP is the world's largest enterprise software company and the world's third largest independent software supplier overall. Despite this widespread use, there have been very few books written on SAP implementation and security, despite a great deal of interest. (There are 220,000 members in an on-line SAP 'community' seeking information, ideas and tools on the IT Toolbox Website alone.) Managing SAP user authentication and authorizations is becoming more complex than ever, as there are more and more SAP products involved that have very different access issues. It's a complex area that requires focused expertise. This book is designed for these network and systems administrator who deal with the complexity of having to make judgmental decisions regarding enormously complicated and technical data in the SAP landscape, as well as pay attention to new compliance rules and security regulations. Most SAP users experience significant challenges when trying to manage and mitigate the risks in existing or new security solutions and usually end up facing repetitive, expensive re-work and perpetuated compliance challenges. This book is designed to help them properly and efficiently manage these challenges on an ongoing basis. It aims to remove the 'Black Box' mystique that surrounds SAP security. * The most comprehensive coverage of the essentials of SAP security currently available: risk and control management, identity and access management, data protection and privacy, corporate governance, legal and regulatory compliance. * This book contains information about SAP security that is not available anywhere else to help the reader avoid the "gotchas" that may leave them vulnerable during times of upgrade or other system changes *Companion Web site provides custom SAP scripts, which readers can download to install, configure and troubleshoot SAP.

Integrating IBM Security and SAP Solutions

Many large and medium-sized organizations have made strategic investments in the SAP NetWeaver technology platform as their primary application platform. In fact, SAP software is used to manage many core business processes and data. As a result, it is critical for all organizations to manage the life cycle

of user access to the SAP applications while adhering to security and risk compliance requirements. In this IBM® Redbooks® publication, we discuss the integration points into SAP solutions that are supported by the IBM Security access and identity management product capabilities. IBM Security software offers a range of identity management (IdM) adapters and access management components for SAP solutions that are available with IBM Tivoli® Identity Manager, IBM Tivoli Directory Integrator, IBM Tivoli Directory Server, IBM Access Manager for e-business, IBM Tivoli Access Manager for Enterprise Single Sign-On, and IBM Tivoli Federated Identity Manager. This book is a valuable resource for security officers, consultants, administrators, and architects who want to understand and implement an identity management solution for an SAP environment.

ISSE 2009 Securing Electronic Business Processes

This book presents the most interesting talks given at ISSE 2009 – the forum for the inter-disciplinary discussion of how to adequately secure electronic business processes. The topics include: - Economics of Security and Identity Management - Security Services and Large Scale Public Applications - Privacy and Data Protection and Awareness Raising - Standards and Technical Solutions - Secure Software, Trust and Assurance Adequate information security is one of the basic requirements of all electronic business processes. It is crucial for effective solutions that the possibilities offered by security technology can be integrated with the commercial requirements of the applications. The reader may expect state-of-the-art: best papers of the Conference ISSE 2009.

Beginner`s Guide to SAP Security and Authorizations

SAP has a wide range of built-in functionality to meet various security requirements, including network protection, data protection, and SAP authorizations. This book will focus on the application of SAP authorizations and how user access can be limited by transaction codes, organizational levels, field values, etc. Explore the basic architecture of SAP Security and Authorizations, including user master records, roles, profiles, authorization object classes, authorization objects, and authorization fields. Dive into how to create user profiles and assign roles. Get tips on leveraging the profile generator transaction, PFCG. Obtain valuable tools and tables for identifying user master records and role and authorization information. By using practical examples, tips, and screenshots, the author brings readers new to SAP Security and Authorizations up to speed. - Basic architecture of SAP Security and Authorizations - GRC Access Control introduction - User profile creation and role assignments - Common security and authorization pain point troubleshooting

Compliant Identity Management mit SAP IdM und GRC AC

Benutzer- und Berechtigungsverwaltung – ausschließlich eine technische Aufgabe der IT? Mitnichten! Geltende Gesetze zwingen Unternehmen, die Konformität ihrer Systemlandschaft sicherzustellen. Dieses Buch zeigt Ihnen, wie Sie dieser Anforderung durch Integration der beiden SAP-Pro- dukte Identity Management (IdM) und GRC Access Control zu einem Compliant-Identity-Manage- ment(CIM)-Szenario gerecht werden können. Grundlage und wesentlicher Erfolgsfaktor dabei ist ein zum Unterneh- men passendes Rollen- und Berechtigungsmanagement, das die Fach- bereiche in die CIM-Prozesse einbezieht. Lernen Sie die Einsatzgebiete beider SAP-Werkzeuge sowie deren jeweilige Stärken und Schwächen kennen. Die Autoren führen Sie durch die im Standard angebotenen Integrationswege von SAP IdM und GRC AC sowie potenziellen Erweiterungsmöglichkeiten. Der technischen Konfiguration folgt ein Walkthrough von der Beantragung einer Rolle bis hin zur Provisionierung der Berechtigungen in die Zielsysteme. Entscheider, die vor der Produktauswahl für eine Identity-Manage- ment-Lösung stehen, wie auch IT-Experten, die schon erste Berührung mit den vorgestellten SAP-Produkten hatten, finden in diesem Buch Details zu deren Funktionalitäten und Zusammenspiel. - Vorteile eines Compliant Identity Managements - Stärken und Schwächen von SAP IdM und GRC AC - integrierte Rollen- und Berechtigungsverwaltung - Gemeinsame Benutzerober- fläche über SAP Enterprise Portal

Transportation Management with SAP TM 9

The implementation of a TMS solution is a highly complex and mission critical project. If executed correctly a good TMS can deliver a number of benefits to the organization in terms of optimization, greater efficiency, reduced errors and improved revenue through accurate invoicing. However a number of projects fail to realize these benefits for a host of reasons such as an incorrect product selection, over customization of the system and lack of detailed processes. The evaluation and selection of the

right transportation management system is a very critical step in the successful implementation of a TMS product as well as ensuring that the organization is able to realize the benefits expected from the system. Transportation Management with SAP TM 9 is a guide for CIO/CXOs evaluating options for various transportation management solutions available in the market and helps inappropriate decision making before committing investment. A proven evaluation framework and guidance provided in the book can help decision makers with product selection and help to create a business case for management approval and design a future roadmap for the organization. The book provides a comprehensive understanding of what SAP transportation management is and is useful for teams involved in TM Implementation and roll outs to ensure preparedness. The book explains end-to-end freight life cycle processes, functional system landscape, implementation challenges and post go-live precautions required to optimize investments in SAP TM. Transportation Management with SAP TM 9 also acts as a step by step implementation guide with details of configuration required to set up a TM9 system. This book also covers the upgrade of SAP TM8 to SAP TM9 which will be useful for existing clients who are on TM 8. Nonavailability of SAP TM skilled resources is a major challenge faced by organizations and the book provides a detailed competency building plan along with skill set requirements to create a competent and trained workforce to manage-transformation.The current book available in the market on SAP TM is based on Version 6 release which does not cover air freight processes. Our book covers end-to-end air freight configuration scenarios for logistic companies.

Fortgeschrittene Techniken im SAP-Berechtigungswesen inklusive Fiori und J2EE

Die Berechtigungskonzepte der SAP bieten dem Kunden eine fast unübersehbare Fülle von Möglichkeiten. Mit dem Übergang zu S/4HANA und Fiori sind etliche Neuerungen hinzugekommen, und die Entwicklung schreitet laufend voran. Dieses Buch wendet sich insbesondere an diejenigen, die in Betrieben für Berechtigungen und Rollen verantwortlich sind und die vor der Aufgabe stehen, ihr Berechtigungskonzept immer von Neuem zu optimieren, zu aktualisieren, noch sicherer zu machen. Praxisnah, kompakt und eingängig behandelt es ein breites Themenspektrum: Sie erfahren zahlreiche wichtige Details zu Berechtigungen in CDS-Views, im Fiori Launchpad und in Enterprise Search und definieren eigene Berechtigungsobjekte. Innerbetriebliche Veränderungen meistern Sie leichter durch Bindung von Berechtigungen an die Organisationsstruktur. Durch Anwendung der Funktionstrennung (SOD), Definition von Sicherheitsrichtlinien und richtige Handhabung des Security-Audit-Log schützen Sie die IT des Unternehmens vor inneren und äußeren Risiken und bereiten sie auf künftige Audits vor. Sie erfahren, wie Sie mittels der Zentralen Benutzerverwaltung (ZBV) in einer komplexen Drei-System-Landschaft den Überblick über die Benutzer behalten, und werden aufgeklärt, welche Besonderheiten das Berechtigungswesen des SAP NetWeaver Application Server Java hat und wie Sie es über die UME-Konsole verwalten. - Neuerungen beim Berechtigungskonzept in SAP S/4HANA - SOD, Security Audit Log und Sicherheitsrichtlinien - Berechtigungszuordnung über Organisationseinheiten - Zentrale Benutzerverwaltung (ZBV)

A Practical Guide to Cybersecurity Governance for SAP

There is a lot of misunderstanding about how to apply cybersecurity principles to SAP software. Management expects that the SAP security team is prepared to implement a full cybersecurity project to integrate SAP software into a new or existing company cybersecurity program. It’s not that simple. This book provides a practical entry point to cybersecurity governance that is easy for an SAP team to understand and use. It breaks the complex subject of SAP cybersecurity governance down into simplified language, accelerating your efforts by drawing direct correlation to the work already done for financial audit compliance. Build a practical framework for creating a cyber risk ruleset in SAP GRC 12.0, including SOX, CMMC, and NIST controls. Learn how to plan a project to implement a cyber framework for your SAP landscape. Explore controls and how to create control statements, plan of action and milestone (POA&M) statements for remediating deficiencies, and how to document controls that are not applicable. The best controls in the world will not lead to a successful audit without the evidence to back them up. Learn about evidence management best practices, including evidence requirements, how reviews should be conducted, who should sign off on review evidence, and how this evidence should be retained. - Introduction to cybersecurity framework compliance for SAP software - SAP-centric deep dive into controls - How to create a cyber risk ruleset in SAP GRC - Implementing a cyber framework for your SAP landscape

Cross-Enterprise Integration with Sap Grc Access Control

This book provides cross-enterprise configuration instructions and best practices for SAP GRC Access Control implementations in companies with multi-system architectures. The author provides the implementation strategies, configuration steps, and best practices necessary to implement and manage a global access control, risk remediation, and compliance framework across a multi-system landscape, including non-SAP and legacy systems. Readers discover how to use Offline Risk Analysis, Real Time Analysis, and Management Update Report to manage risk analysis across the enterprise and quickly come to understand how to build and manage a rule matrix for a multi-system enterprise using the Real Time Agent (RTA), as well as the functional use of the Rule Architect. Plus, learn how to configure AC for use with the most common non-SAP systems such as Oracle, PeopleSoft, JDEdwards, and others. You'll find out how best to determine the setup of cross-enterprise mitigation controls and alternative controls to mitigate risk as well as how to educate management about conflicts approval and monitoring. Finally, the author shows you how you can develop and execute a plan for Continuous Compliance using best practices for simulation, monitoring, and control.

Funktionstrennung in ERP-Systemen

Ein unverzichtbares Instrument zum Management von Risiken ist die Aufteilung von Tätigkeiten auf mehrere Personen. Aus der Organisationslehre stammend, wurde das Konzept der Funktionstrennung auf betriebliche Softwareanwendungen transformiert und in Form von Zugriffsrechten abgebildet. Petra Maria Asprion erläutert aktuelle Konzepte und Methoden zur Funktionstrennung unter Berücksichtigung aktueller Compliance-Anforderungen. Einen Schwerpunkt bildet die Sanierung unzureichender Funktionstrennungen sowie der Einsatz spezieller Software. Auf Basis einer qualitativen Studie stellt sie Faktoren dar, die die Assimilation solcher Software fördern bzw. verhindern.

A Practical Guide to Cybersecurity in SAP

SAP environments are internally integrated with, and through, cloud and hybrid cloud solutions. This interconnection, both within and external to the firewall, creates a level of vulnerability that, if exploited, could compromise a company’s intellectual property, employee and supplier information, and trade secrets. This book breaks down the application of cybersecurity, as it applies to SAP, into actionable items that can be communicated and implemented into existing security frameworks. You will understand why cybersecurity applies to SAP, how it integrates with cybersecurity Initiatives within an organization, and how to implement a security framework within SAP. This expertly written guide provides a targeted cybersecurity education for SAP managers, architects, and security practitioners. The author explores the technical aspects of implementing cybersecurity policies and procedures using existing tools and available SAP modules. Readers will gain a solid understanding of what a cybersecurity program does, what security frameworks are used for, how to assess and understand risk, and how to apply mitigating controls. By using practical examples, tips, and screenshots, this book covers: - Cyber risk in the SAP landscape - How to harden security - Cybersecurity risk management programs in SA - Risk mitigation for threats

Zugriffsberechtigungen / Access Management in rechnungslegungsrelevanten SAP ERP-Systemen

(Diss.) Informationen, ihre abgeleiteten Datenentsprechungen und die darauf fußenden Ablage- und Aufbereitungsstrukturen in den Systembestandteilen der Informationstechnologie (IT) stellen heute wesentliche Werte für Unternehmen dar und müssen daher folgerichtig adäquatem Schutz unterworfen sein. „Sicherheitsvorfälle wie die Offenlegung oder Manipulation von Informationen können weitreichende geschäftsschädigende Auswirkungen haben oder die Erfüllung von Aufgaben behindern und somit hohe Kosten verursachen.“ In der Öffentlichkeit diskutiert werden viele davon aus datenschutzrechtlicher Sicht, wenn es z.B. darum geht, dass dem Unternehmen personenbezogene Daten wie Kreditkartendaten oder ähnlich kritische, vom Kunden überlassene Informationen „verloren gehen“, jedoch beginnt erst danach die notwendige Betrachtung der Grundlagen. Basis dafür ist das Bedürfnis, dass Daten, Prozesse, IT-Systeme, Vernetzung und die Prozessadressaten in einem Zustand der Kontinuität ohne störende Einflüsse agieren bzw. funktionieren, damit die Wertschöpfungs- und Ressourcenverwendungsketten reibungslos realisiert werden können. „IT-Governance soll sicherstellen, dass die IT den optimalen Beitrag zur Wertschöpfung des Unternehmens in Bezug auf die Gewährleistung der Unternehmensstrategie und der Unternehmensziele liefert“ – wo im Detail möglich mit einer indikatorenorientierten Steuerungsausrichtung des IT-Einsatzes. Informations- und IT-Sicherheit als Teilaspekte des Sicherheitsmanagements im Unternehmen haben wiederum das Ziel, die Verfügbarkeit, die Vertraulichkeit, die Integrität und den vertrauenswürdigen Umgang

mit den Informationen und abgeleiteten Daten, aber auch die Zuverlässigkeit, Unversehrtheit und Robustheit der Hard- und Software-Technologie zu gewährleisten. Weder die Wahl von Produkten noch einer Organisation zur Gewährleistung von IT-Sicherheit dürfen dabei aber – vornehmlich aus wirtschaftlichen Erwägungen heraus – die Prozesse im Unternehmen zu stark behindern, auch nicht, wenn Funktionstrennungen („Segregation of Duties“ [SoD]) systemseitig implementiert werden, weil mit bestimmten Funktionskombinationen ein natürliches Potential für Missbrauch assoziiert wird.

Internal Audit Handbook

This book offers a comprehensive, up-to-date presentation of the tasks and challenges facing internal audit. It presents the Audit Roadmap, the process model of internal auditing developed at SAP® which describes all stages of an audit. Coverage provides information on issues such as the identification of audit fields, the annual audit planning, the organization and execution of audits as well as reporting and follow-up. The handbook also discusses management-related subjects. Separate chapters are dedicated to special topics like IT or SOX audits.

SAP System Security Guide

Dieser Praxisleitfaden hilft Ihnen, Beantragungs- und Änderungsprozesse von Benutzer-Zugriffsberechtigungen mit SAP GRC Access Control revisionssicher zu organisieren. Unabdingbare Basis dafür ist das Wissen um bestehende Risiken, deren Auswirkungen und die Wahl der passenden Reaktion. Fachliches und technisches Herzstück ist der Risikokatalog, dessen Struktur und Verständlichkeit maßgeblich für eine effiziente Nutzung der Risikoanalyse sind. Die Autorin vermittelt Ihnen ein tieferes Verständnis für das Ineinandergreifen der verschiedenen Funktionselemente von SAP GRC Access Control. Sie beschreibt die diversen Analyseoptionen wie die Ad-hoc-Analyse, Batch-Analyse oder den Risikoterminator sowie deren korrekte Interpretation. Profitieren Sie von den praktischen Tipps aus dem Projektgeschäft sowie vom kreativen Umgang mit den technischen Möglichkeiten des Standards einer risikominimierten Vergabe von Zugriffsberechtigungen. Das Buch unterstützt Sie, wenn Sie einen unternehmensindividuellen Risikokatalog erstellen oder anpassen, ein Projekt zur Risikobereinigung leiten oder coachen oder Sie verantwortlich sind für die regelmäßige Risikoanalyse und Abarbeitung der Ergebnisse. Vorerfahrungen mit GRC Access Control und dem SAP-Berechtigungswesen sind erwünscht. - Design und Ausprägung eines Risikokatalogs - Wartung und Erweiterung des Regelwerks - Risikoanalysen interpretieren - Best-Practice-Ansätze zur Risikobereinigung

Praxishandbuch für die Risikoanalyse mit SAP GRC Access Control

Compliance requirements are here to stay. Prepare your company for the growing challenge. A Wall Street Journal/Harris poll revealed that two thirds of investors express doubts in the ability of corporate boards of directors to provide effective oversight. In the shadow of recent global scandals involving businesses such as Parmalat and WorldCom, Manager's Guide to Compliance: Best Practices and Case Studies is essential reading for you, whether your organization is a major corporation or a small business. This timely handbook places U.S. and global regulatory information, as well as critical compliance guidance, in an easy-to-access format and helps you make sense of all the complex issues connected with fraud and compliance. "Wide perspectives and best practices combined deliver a punch that will knock your 'SOX' off! The author has blended together a critical mix necessary for effectively handling the requirements of SOX." —Rob Nance, Publisher, AccountingWEB, Inc. "Robust compliance and corporate governance is an absolute necessity in today's business environment. This new book by Anthony Tarantino is an authoritative guide to understanding and implementing compliance and regulatory requirements in the United States and around the world. From SOX to COSO to ERM, this book covers them all." —Martin T. Biegelman, Certified Fraud Examiner, Fellow and Regent Emeritus of the Association of Certified Fraud Examiners, and coauthor of Executive Roadmap to Fraud Prevention and Internal Control: Creating a Culture of Compliance "If compliance wasn't difficult enough, now companies are faced with a barrage of technology vendors claiming to automate compliance as if it were a project. In his new book, Dr. Tarantino paints the reality of the situation: companies need to embrace the broader tenets of governance and use technology to embed governance policies and controls into their daily business processes. Only then can they gain business value from their compliance investments." —Chris Capdevila, CEO and cofounder, LogicalApps

Manager's Guide to Compliance

Unsure how to navigate the wild waters and changing tides of corporate compliance and governance? With this comprehensive guide to SAPs Governance, Risk, and Compliance (GRC) module, plot your GRC course with confidence. Written for todays busy GRC consultants, project managers, and analysts, this book will explore the core components of the GRC moduleAccess Control, Process Control, and Risk Managementand their implementation. Learn how to configure and implement the necessary dimensions, master data, and rules setup for all three core components of GRC. Build a strong GRC foundation that is both adaptive and reactive to regulatory pressures, corporate policies, and unanticipated risk.

Implementing SAP Governance, Risk, and Compliance

Your complete guide to safeguarding your SAP HANA 2.0 platform awaits! Get step-by-step instructions for configuring and maintaining each security element, from the new SAP HANA cockpit to privileges and roles. Learn how to secure database objects and provision and maintain user accounts. Then, dive into managing authentications, certificates, audits, and traces. Highlights include: 1) SAP HANA cockpit 2) Privileges 3) Catalog objects 4) User accounts 5) Roles 6) Authentication 7) Certificate management 8) Encryption 9) Lifecycle management 10) Auditing 11) Security tracing

SAP HANA 2.0 Security Guide

This book covers all processes and components of the SAP solutions for Governance, Risk, and Compliance (GRC). With a focus on Process Control, Access Control and Risk Management, the book provides the standard implementation scenarios and information on customizing using a standard case-study example. You will learn how you can guarantee the compliance of business processes and IT systems with Process Control, how Access Control can be used for company-wide role definition and segregation of duties and how to perform analysis and elimination of risk related to user creation and superuser authorization. You will subsequently explore the relevant phases of risk management in order to supervise financial as well as legal risks. Moreover, you will receive insight into the SAP solutions for compliance in the foreign trade, SAP GTS, and for compliance with guidelines in the environmental protection and labor safety, SAP EHS.

SAP Governance, Risk, and Compliance

This book introduces students to business process management, an approach that aims to align the organization’s business processes with the demands of the marketplace. Processes serve as a coordination mechanism, and the aim of business process management is to improve the organization’s effectiveness and efficiency in adapting to change, and maintaining competitive advantage. In Business Process Management, Kumar argues for the value of looking at businesses as a collection of processes that cut across departments, and for breaking down functional silos. The book provides an overview of the basic concepts in this field before moving on to more advanced topics such as process verification, flexible processes, process security and evaluation, resource assignment, and social networks. The book concludes with an examination of the future directions of the discipline. Blending a strong grounding in current research with a focus on concepts and tools, Business Process Management is an accessible textbook full of practical examples and cases that will appeal to upper level students.

Business Process Management

Skip the hypothetical discussions of what SAP Solution Manager doesget real-life, technical knowledge that will help you monitor your systems and analyze your business processes today! With release 7.1, say goodbye to CCMS and welcome an array of new options and possibilities to monitor issues across the system landscape.

IT Control Objectives for Sarbanes-Oxley

This book is written to help SAP project managers, implementation teams, administrators, and users understand the typical audit requirements related to SAP so that you can be better prepared for an internal or external audit. You'll get an overview of how auditors approach an SAP audit, learn about the specific SAP applications and components and their related business processes, and explore the audit issues related to the initial implementation or upgrade of an SAP system. With the practical, proven advice you'll find throughout this book, you'll learn how to "think like an auditor," and discover how to prepare your specific domains for an SAP system audit. Topic Highlights - Audit concerns for financial

reporting - Implementation/upgrade controls - Application-level audit roadmaps - Basis settings and security - Change control and transports - Audit tips and tools - Best practices and lessons learned

Monitoring and Operations with SAP Solution Manager

One resource. All of your SAP Business Workflow needs. Now there's no need to consult online resources or call your workflow friends--this book is your answer Reorganized and fine-tuned, the third edition of this guide is packed with information and better than ever. Familiar with some aspects of managing Workflow, but not with others? Pick the sections or chapters that are most relevant to you; focus on the provided conceptual explanations, technical instructions, or both. You'll find important topics such as configuration, administration and troubleshooting, design, and enhancement. If you know the basics, you'll find value in the coverage provided for SAP's changing landscape such as SAPUI5, SAP Fiori, Operational Process Intelligence for SAP HANA, and much more. Highlights: Configuration Work item delivery Agents UWL and POWL Administration UI enhancement ABAP classes Custom programs User interfaces SAP Fiori BRF+ SAP GRC SAP HANA SAP Master Data Governance

Surviving an SAP Audit

Logging and Log Management: The Authoritative Guide to Understanding the Concepts Surrounding Logging and Log Management introduces information technology professionals to the basic concepts of logging and log management. It provides tools and techniques to analyze log data and detect malicious activity. The book consists of 22 chapters that cover the basics of log data; log data sources; log storage technologies; a case study on how syslog-ng is deployed in a real environment for log collection; covert logging; planning and preparing for the analysis log data; simple analysis techniques; and tools and techniques for reviewing logs for potential problems. The book also discusses statistical analysis; log data mining; visualizing log data; logging laws and logging mistakes; open source and commercial toolsets for log data collection and analysis; log management procedures; and attacks against logging systems. In addition, the book addresses logging for programmers; logging and compliance with regulations and policies; planning for log analysis system deployment; cloud logging; and the future of log standards, logging, and log analysis. This book was written for anyone interested in learning more about logging and log management. These include systems administrators, junior security engineers, application developers, and managers. Comprehensive coverage of log management including analysis, visualization, reporting and more Includes information on different uses for logs -- from system operations to regulatory compliance Features case Studies on syslog-ng and actual real-world situations where logs came in handy in incident response Provides practical guidance in the areas of report, log analysis system selection, planning a log analysis system and log data normalization and correlation

COBIT 5: Enabling Information

Ease the transition to the new COSO framework with practical strategy Internal Control Audit and Compliance provides complete guidance toward the latest framework established by the Committee of Sponsoring Organizations (COSO). With clear explanations and expert advice on implementation, this helpful guide shows auditors and accounting managers how to document and test internal controls over financial reporting with detailed sections covering each element of the framework. Each section highlights the latest changes and new points of emphasis, with explicit definitions of internal controls and how they should be assessed and tested. Coverage includes easing the transition from older guidelines, with step-by-step instructions for implementing the new changes. The new framework identifies seventeen new principles, each of which are explained in detail to help readers understand the new and emerging best practices for efficiency and effectiveness. The revised COSO framework includes financial and non-financial reporting, as well as both internal and external reporting objectives. It is essential for auditors and controllers to understand the new framework and how to document and test under the new guidance. This book clarifies complex codification and provides an effective strategy for a more rapid transition. Understand the new COSO internal controls framework Document and test internal controls to strengthen business processes Learn how requirements differ for public and non-public companies Incorporate improved risk management into the new framework The new framework is COSO's first complete revision since the release of the initial framework in 1992. Companies have become accustomed to the old guidelines, and the necessary procedures have become routine – making the transition to align with the new framework akin to steering an ocean liner.

Internal Control Audit and Compliance helps ease that transition, with clear explanation and practical implementation guidance.

Practical Workflow for SAP

Have you been asked to perform an information systems audit anddon't know where to start? Examine a company's hardware, software,and data organization and processing methods to ensure qualitycontrol and security with this easy, practical guide to auditingcomputer systems--the tools necessary to implement an effective ISaudit. In nontechnical language and following the format of an ISaudit program, you'll gain insight into new types of securitycertifications (e.g., TruSecure, CAP SysTrust, CPA WebTrust) aswell as the importance of physical security controls, adequateinsurance, and digital surveillance systems. Order your copy today!

Logging and Log Management

Includes "Necrology."

Internal Control Audit and Compliance

Managing your cash is critical--so master cash management in SAP S/4HANA! Follow step-by-step instructions to run bank account management, cash positioning and operations, and liquidity management, and then tailor each process to your system. Walk through the One Exposure from Operations data model, including integration scenarios, transactions, and configuration. Discover extensibility options for bank account management and key SAP Fiori apps. Get equipped for cash management! In this book, you'll learn about: a. Bank Account Management Manage your accounts in SAP S/4HANA. Maintain your banks, house banks, and bank account master data with key SAP Fiori apps. Use new features such as the Monitor Bank Fees App and the treasury executive dashboard. Configure settings to suit your requirements. b. Cash Positioning and Operations Analyze your cash position, transfer and concentrate cash, and integrate bank statements for cash flow reconciliation. Get insight into new features and SAP Fiori apps for bank statements, reporting, configuration, and more. c. Liquidity Management Forecast liquidity and analyze actual cash flow with SAP S/4HANA; then develop liquidity plans with SAP Analytics Cloud. Tailor your settings for each process based on your needs. Highlights include: 1) Master data 2) Configuration 3) Bank account management 4) Cash positioning 5) Cash operations 6) Liquidity management 7) One Exposure from Operations hub 8) Extensibility 9) Migration

Auditing Information Systems

Today's accounting professionals are challenged to identify enterprise risks and provide quality assurance for a company's information systems. ACCOUNTING INFORMATION SYSTEMS, 11th International Edition, focuses on three critical accounting information systems in use today: enterprise systems; e-Business systems; and controls for maintaining those systems. Students will easily grasp even the most challenging topics as they explore today's most intriguing AIS topics relative to business processes, information technology, strategic management, security, and internal controls. The 11th International Edition provides students with the tools for organising and managing information to help them succeed and protect the integrity of their employer's information system.

Historical Collections of the Danvers Historical Society

Have you ever wondered where your processes stand against industryleaders or how you can take your services and organizationalprocedures to state of the art levels? Are you frustratedbecause you don't think you have the finanical or human resourcesneeded to employ 'best' practices? This handy resource providesdocumented strategies and tactics for accounts payable used byseveral highly admired companies. You'll gain practicalknowledge you can turn into "Best" (or Almost Best) Practices aswell as examples of practices to avoid. Order your copy today!

Cash Management with SAP S/4HANA

"Before making data available in SAP HANA, you must standardize, integrate, and secure it--that's where data provisioning comes in. In this guide, you'll learn about each of your options, from SAP HANA-based tools like SDI and SDQ to SAP Data Services and SAP LT Replication Server. Whether you'll be provisioning data in batches or in real-time, you'll understand when to use each tool, its

requirements, and how it works. A detailed case study will show you how to establish a successful data provisioning practice"--

Accounting Information Systems

Accounting Information Systems provides a comprehensive knowledgebase of the systems that generate, evaluate, summarize, and report accounting information. Balancing technical concepts and student comprehension, this textbook introduces only the most-necessary technology in a clear and accessible style. The text focuses on business processes and accounting and IT controls, and includes discussion of relevant aspects of ethics and corporate governance. Relatable real-world examples and abundant end-of-chapter resources reinforce Accounting Information Systems (AIS) concepts and their use in day-to-day operation. Now in its fourth edition, this popular textbook explains IT controls using the AICPA Trust Services Principles framework—a comprehensive yet easy-to-understand framework of IT controls—and allows for incorporating hands-on learning to complement theoretical concepts. A full set of pedagogical features enables students to easily comprehend the material, understand data flow diagrams and document flowcharts, discuss case studies and examples, and successfully answer end-of-chapter questions. The book's focus on ease of use, and its straightforward presentation of business processes and related controls, make it an ideal primary text for business or accounting students in AIS courses.

Accounts Payable Best Practices

SAP S/4HANA is here, and the stakes are high. Get your project right with this guide to SAP Activate! Understand the road ahead: What are the phases of SAP Activate? Which activities happen when? Start by setting up a working system, then walk through guided configuration, and learn how to deploy SAP S/4HANA in your landscape: on-premise, cloud, or hybrid. Take advantage of SAP Activate's agile methodology, and get the guidance you need for a smooth and successful go-live! In this book, you'll learn about: a. Foundations Get up to speed with SAP Activate. Learn about key concepts like fit-to-standard and fit/gap analysis, understand the methodology, and walk through the key phases of project management. b. Tools and Technologies Open up your SAP Activate toolkit. See how to access SAP Activate content with SAP Best Practices Explorer, SAP Solution Manager, and more. Then, use SAP Best Practices and SAP Model Company to set up a working system for your workshops. c. Deployment Deploy SAP S/4HANA, step by step. Follow detailed instructions to plan, prepare for, and execute your on-premise or cloud deployment activities according to SAP Activate. Walk through key scenarios for a hybrid implementation of SAP S/4HANA in your landscape. Highlights Include: 1) Deployment 2) Guided configuration 3) Agile project delivery 4) SAP Best Practices 5) SAP Model Company 6) Organizational change management 7) SAP S/4HANA 8) SAP S/4HANA Cloud 9) Hybrid landscapes 10) C_ACTIVATE05 certification

Data Provisioning for SAP HANA

Gain a better understanding of implementing SAP S/4HANA-based digital transformations. This book helps you understand the various components involved in the planning and execution of successful SAP S/4HANA projects. Learn how to ensure success by building a solid business case for SAP S/4HANA up front and track business value generated throughout the implementation. Implementing SAP S/4HANA provides a framework for planning and executing SAP S/4HANA projects by articulating the implementation approach used by different components in SAP S/4HANA implementations. Whether you are mid-way through the SAP S/4HANA program or about to embark on it, this book will help you throughout the journey. If you are looking for answers on why SAP S/4HANA requires special considerations as compared to a traditional SAP implementation, this book is for you. What You Will LearnUnderstand various components of your SAP S/4HANA projectForecast and track your success throughout the SAP S/4HANA implementationBuild a solid business case for your SAP S/4HANA programDiscover how the implementation approach varies across these components Who This Book Is For SAP S/4HANA clients (line managers and consultants).

Accounting Information Systems

Explore how to protect and defend your SAP S/4HANA applications, Fiori, Gateway, and the SAP HANA database platform. Learn how to create a consistent cross-system authorization concept and translate the technical specifics for each system into a comprehensive and consistent security model. Explore technical security aspects such as privileges and roles, authentication and encryption, and

monitoring for S/4HANA. Compare and contrast SAP S/4HANA applications to the SAP ERP security model and identify what has changed. This book is up to date for SAP HANA 2.0! Dive into SAP S/4HANA authorizations and gain an understanding of the impact on the new front-end and database security setup, and why the different levels need to be consistent. Get best practices for SAP Fiori and Gateway. Find out why it is important to secure SAP HANA from an application layer point of view, as well as a database point of view. Take an in-depth look at how to secure the SAP Application Server, database, operating system, and the network infrastructure. - Effectively secure SAP S/4HANA, Fiori, and Gateway - Privileges and roles, authentication, encryption, and monitoring - Mobile access and SSO considerations - Cross-system authorization concepts and implementation

SAP Activate

Implementing SAP S/4HANA