

configuring plant maintenance in sap s 4hana

Configuring Plant Maintenance In Sap S/4hana Configuring Plant Maintenance in SAP S/4HANA Configuring plant maintenance in SAP S/4HANA is a critical process that enables organizations to effectively plan, execute, and monitor maintenance activities for their physical assets. Proper configuration ensures seamless integration of maintenance data with other modules such as Materials Management (MM), Production Planning (PP), and Finance (FI), facilitating a comprehensive approach to asset management. As SAP S/4HANA introduces simplified data models and enhanced user experiences, setting up plant maintenance requires a strategic approach aligned with best practices to leverage its full potential. This article provides an in-depth guide on the key steps, considerations, and best practices for configuring plant maintenance within SAP S/4HANA. From initial setup to advanced configurations, readers will gain insights into how to tailor the system to meet their organization's maintenance requirements.

--- Overview of SAP S/4HANA Plant Maintenance

What is Plant Maintenance in SAP S/4HANA?

Plant Maintenance (PM) in SAP S/4HANA is a module designed to support the lifecycle management of physical assets, including equipment, functional locations, and maintenance plans. It encompasses planning, scheduling, execution, and analysis of maintenance activities, aiming to maximize asset availability and minimize downtime.

Key Features and Benefits

- Simplified data model reducing redundancy
- Real-time analytics and reporting
- Integration with IoT and sensor data for predictive maintenance
- Enhanced user interfaces for improved usability
- Unified maintenance processes across enterprise functions

--- Pre-Configuration Considerations

Understanding Business Requirements

Before diving into configuration, it is essential to:

- Identify types of assets and equipment
- Determine maintenance strategies (corrective, preventive, predictive)
- Define organizational structure (plants, maintenance plants, work centers)
- Establish maintenance planning processes and workflows

Master Data Preparation

Proper master data setup is foundational:

- Equipment master records
- Functional locations
- Maintenance plans
- Maintenance task lists
- Work centers and cost centers

System Landscape and Integration Points

Assess integration points with:

- Materials Management (for spare parts)
- Production (for maintenance during production)
- Finance (cost tracking)

Internet of Things (IoT) for predictive insights --- Configuring Organizational Structure in SAP S/4HANA Defining Plants and Maintenance Plants

1. Create Plants Use transaction code `SPRO` > Enterprise Structure > Definition > Logistics > Plants to define plants representing physical locations.
2. Create Maintenance Plants Maintenance plants are organizational units for maintenance activities, often aligned with maintenance locations or business units.
3. Assign Plants to Company Codes Ensure proper linkage for financial integration.

Setting Up Functional Locations and Equipment - Functional locations represent physical locations within a plant where 2 equipment resides. - Equipment records capture individual assets requiring maintenance. --- Master Data Configuration Creating and Managing Functional Locations - Use transaction `IL01` to create functional locations. - Assign hierarchies for better structure and reporting. - Link functional locations to equipment. Creating Equipment Master Records - Use transaction `IE01` to create equipment records. - Populate technical data, maintenance history, and associated functional locations.

Maintenance Task Lists and Maintenance Plans Maintenance Task Lists - Define standard maintenance procedures. - Use transaction `IA01` for creating task lists. - Classify as equipment-specific or general. Maintenance Plans - Use transaction `IP01` to create maintenance plans. - Types include Time-based, Performance-based, and Calibration. - Assign task lists, scheduling parameters, and maintenance strategies. --- Configuring Maintenance Planning and Scheduling Maintenance Strategies - Define strategies for preventive maintenance. - Incorporate frequency, intervals, and conditions. Scheduling Parameters - Use maintenance packages (`IP10`) to define periodicity. - Set lead times and scheduling windows. Work Centers and Resources - Create work centers (`CR01`) representing maintenance teams or machines. - Assign capacities, costs, and personnel. --- Integration with Other Modules Material Management Integration - Link spare parts and materials to equipment and maintenance orders. - Use Material Master (`MM01`) to set up spare parts. Costing and Finance Integration - Assign cost centers and activity types. - Facilitate accurate cost tracking and reporting. Quality Management and Inspection - Connect maintenance tasks with quality inspections if applicable. --- Advanced Configuration and Optimization Implementing Predictive Maintenance - Integrate IoT sensors for real-time data collection. - Use SAP Leonardo or SAP Intelligent Asset Management solutions. Setting Up Notifications and Alerts - Configure notifications for overdue maintenance or failures. - Use SAP Fiori apps for real-time alerts. Reporting and

Analytics - Leverage SAP Fiori apps and embedded analytics. - Create custom reports for asset performance, maintenance history, and KPIs. --- Best Practices for Successful Plant Maintenance Configuration - Engage stakeholders early to gather comprehensive requirements. - Maintain clean and consistent master data. - Use standardized naming conventions. - Regularly review and update maintenance plans and strategies. - Leverage SAP Best Practices and accelerators where available. - Train users thoroughly on system functionalities and workflows. - Continuously monitor system performance and adapt configurations as needed. --- Conclusion Configuring plant maintenance in SAP S/4HANA is a strategic process that requires careful planning, detailed understanding of organizational needs, and a systematic approach to setup. By following the outlined steps—from defining organizational units, creating master data, setting up maintenance plans, to integrating with other modules—organizations can establish a robust maintenance environment that enhances asset reliability, reduces downtime, and optimizes costs. With SAP S/4HANA's advanced capabilities, companies are well-positioned to adopt innovative maintenance practices, including predictive analytics and IoT-driven insights, ensuring their assets remain productive and their operations competitive. Proper configuration not only improves operational efficiency but also provides a foundation for future digital transformation initiatives in asset management. Regular reviews and updates, coupled with user training and process optimization, will ensure that the plant maintenance system continues to deliver value over time.

Question Answer What are the key steps to configure plant maintenance in SAP S/4HANA? The key steps include defining maintenance plant and work centers, configuring maintenance planning, setting up maintenance strategies, creating maintenance items and notifications, and integrating with other modules such as Materials Management and Quality Management. How do I set up maintenance planning in SAP S/4HANA? Maintenance planning is set up by defining planning plants, creating maintenance plans (single-cycle or strategy-based), assigning task lists, and scheduling maintenance executions. Use transaction IP41, IP42, and IP10 for creating and managing plans. What configuration is required for maintenance notifications? Configure notification types, assign item categories, define notification reasons, and set up notification types in Customizing (SPRO). Also, ensure that notification types are linked to relevant maintenance processes. How can I integrate plant maintenance with other SAP modules in S/4HANA? Integration is achieved by configuring interfaces with modules like Materials Management for

procurement, Quality Management for inspections, and Finance for cost tracking. Use standard integration points and ensure proper master data synchronization. What are the best practices for setting up maintenance task lists? Create reusable task lists (header and operation data), classify them appropriately, assign them to maintenance plans, and ensure version control. Use transaction IA01 to create and IA02 to change task lists. How do I configure maintenance strategy in SAP S/4HANA? Define maintenance strategies in SPRO under Plant Maintenance, set strategy parameters, assign strategies to functional locations or equipment, and link them with maintenance plans for scheduled execution. What are common challenges in configuring plant maintenance, and how can they be addressed? Common challenges include master data inconsistencies, integration issues, and complex planning requirements. Address these by thorough master data validation, proper interface setup, and leveraging SAP Best Practices and standard templates. How do I enable mobile maintenance in SAP S/4HANA? Enable SAP Fiori apps for maintenance, configure OData services, set up user roles and authorizations, and ensure proper connectivity between SAP Fiori Launchpad and backend systems for real-time data access. 4 What reporting tools are available for plant maintenance in SAP S/4HANA? SAP Fiori apps, embedded analytics, SAP Business Warehouse (BW), and SAP Analytics Cloud can be used for reporting and analytics on maintenance data, providing real-time insights and KPI tracking.





Configuring Plant Maintenance in SAP S/4HANA: A Comprehensive Guide

Configuring plant maintenance in SAP S/4HANA is a critical step for organizations aiming to optimize their maintenance operations, improve asset reliability, and streamline their workflows. As industries increasingly adopt digital transformation, SAP S/4HANA offers a robust platform that integrates maintenance processes seamlessly with other enterprise functions. This article provides a detailed, reader-friendly overview of how to set up and configure plant maintenance within SAP S/4HANA, ensuring your business can leverage the full power of this modern ERP system. ---

Understanding Plant Maintenance in SAP S/4HANA

Before diving into configuration specifics, it's essential to understand what plant maintenance (PM) entails within SAP S/4HANA. PM is a module focused on managing all activities related to the upkeep of plant equipment and assets. Its goal is to prevent unplanned downtime, extend asset lifespan, and optimize maintenance costs. SAP S/4HANA's PM component integrates with other modules such as Materials Management (MM), Production Planning (PP), and Asset Accounting (FI-AA), creating a unified environment for maintenance

planning, execution, and reporting. --- Key Concepts in SAP S/4HANA Plant Maintenance Configuration To configure plant maintenance effectively, you need to understand several core concepts: - Maintenance Planning: Scheduling inspections, preventive maintenance, and repairs. - Equipment and Functional Locations: Structuring assets for efficient management. - Maintenance Work Orders: Documenting maintenance tasks, tracking costs, and recording activities. - Notification Management: Capturing and processing issues reported by users or sensors. - Maintenance Strategies: Defining maintenance plans based on time, usage, or condition. Grasping these fundamentals will guide your configuration choices and ensure integration aligns with your operational needs. --- Step-by-Step Guide to Configuring Plant Maintenance in SAP S/4HANA

1. Setting Up Organizational Structures The foundation of any SAP PM configuration lies in establishing the organizational hierarchy: - Define Maintenance Plants and Maintenance Planning Plants - These are logical entities representing physical or logical units responsible for maintenance. - Typically, the plant is linked to a company code, enabling financial integration. - Use transaction code `SPRO`  SAP Reference IMG  Plant Maintenance and Customer Service  Basic Settings  Maintain Plant Maintenance Settings. - Configure Maintenance Planning Plants - These are specialized plants where planning activities are carried out. - Assign maintenance planning plants to maintenance plants for clarity. - Create Maintenance Work Centers - Define work centers representing resources, such as workshops or service teams. - Useful for capacity planning and cost allocations.
2. Master Data Configuration Master data is vital for efficient maintenance management: - Create Functional Locations - Represent physical locations or logical groupings of equipment. - Use transaction `IW31` or configuration via SPRO. - Functional locations form the backbone for equipment management. - Create Equipment Records - Represent individual assets or machines. - Link equipment to functional locations for structured asset hierarchy. - Define Maintenance Strategies - Strategies determine how maintenance tasks are scheduled. - Can be based on time intervals, usage, or condition. - Use transaction `SPRO`  Plant Maintenance and Customer Service  Master Data  Maintenance Strategies. - Set Up Maintenance Packages - Define standard maintenance tasks or procedures. - Facilitate quick creation of work orders.
3. Planning and Scheduling - Create Maintenance Plans - Maintenance plans automate the scheduling of recurring work. - Use transaction `IP41` to create single-cycle plans or `IP42` for strategy-based

plans. - Assign maintenance strategies to plans for automated scheduling. - Define Maintenance Items - Specify tasks, parts, and tools needed for each plan. - Detail work instructions and expected durations. - Configure Scheduling Parameters - Set parameters like start dates, cycle lengths, and tolerance windows. - Ensure plans trigger work orders at appropriate intervals.

4. Notification Management Effective handling of maintenance notifications is critical: - Create Notification Types - Differentiate between fault reports, inspections, or service requests. - Define processing rules and priorities. - Configure Notification Processing - Set up workflows for notification creation, assignment, and escalation. - Use transaction `IW51` for manual notifications or integrate sensor data for automatic notifications. - Link Notifications to Work Orders - Convert notifications into work orders for execution. - Track issue resolution and update maintenance history.

5. Work Order Management Work orders are central to execution: - Create Maintenance Work Orders - Use transaction `IW31` or via automatic scheduling. - Assign work centers, resources, and parts. - Define Work Order Types - Different types (e.g., Corrective, Preventive) help organize and report on activities. - Configure in customizing settings. - Set Up Cost Planning and Confirmation - Assign costs to work orders for accurate budgeting. - Confirm work completion and record actual costs.

6. Reporting and Analytics - Configure Reporting Tools - Utilize SAP Fiori apps, SAP Analytics Cloud, or embedded reports. - Monitor KPIs such as mean time between failures (MTBF), downtime, and maintenance costs. - Implement Preventive Maintenance Metrics - Track adherence to schedules. - Identify patterns and optimize maintenance strategies. --- Advanced Configuration Aspects Integration with IoT and Condition Monitoring Modern maintenance relies heavily on sensor data and IoT integration: - Set Up Condition Monitoring - Use SAP's predictive maintenance capabilities. - Connect sensors to SAP Asset Intelligence Network. - Configure Alerts and Automated Notifications - Trigger notifications or work orders based on real-time data.

Maintenance Strategy Optimization - Implement Reliability-Centered Maintenance (RCM) - Use data-driven insights to refine strategies. - Prioritize tasks based on criticality and failure modes. - Leverage Maintenance Planning Optimization - Use SAP's Configuring Plant Maintenance In Sap S/4hana 6 planning tools to minimize downtime and maximize resource utilization. --- Best Practices for Successful Configuration - Engage Cross-Functional Teams - Collaborate with maintenance, operations, finance, and IT departments. - Start Small and Scale - Pilot configurations on critical assets before full

deployment. - Maintain Data Accuracy - Keep master data updated to ensure reliable planning and reporting. - Train Users - Invest in training to maximize adoption and proper usage. - Regularly Review and Optimize - Use analytics to identify bottlenecks and areas for improvement. --- Conclusion Configuring plant maintenance in SAP S/4HANA is a strategic process that, when executed correctly, can significantly enhance operational reliability, reduce downtime, and optimize maintenance costs. By systematically setting up organizational structures, master data, planning, notifications, and work order processes, organizations can create a robust maintenance ecosystem integrated within their broader enterprise landscape. Embracing advanced features like IoT integration and predictive maintenance further positions companies at the forefront of Industry 4.0, ensuring they stay competitive in an increasingly digital world. Proper planning, continual refinement, and user engagement are key to unlocking the full potential of SAP S/4HANA's plant maintenance capabilities. As industries evolve, so too must maintenance strategies—making SAP's configurable platform an invaluable tool in the pursuit of operational excellence. SAP S/4HANA plant maintenance, PM configuration SAP S/4HANA, SAP plant maintenance setup, SAP PM master data, SAP S/4HANA maintenance planning, SAP PM notifications, SAP S/4HANA maintenance orders, SAP PM work clearance, SAP S/4HANA maintenance strategies, SAP PM reporting

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SAP S/4HANA Schnelleinstieg in SAP S/4HANA Finance Dmitry Kuznetsov Anurag

Barua Alexander Kühn Robin Schneider Sudipta Malakar Jeevan Koneti Maximilian

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Schnelleinstieg in SAP S/4HANA Finance *Dmitry Kuznetsov Anurag Barua Alexander*

Kühn Robin Schneider Sudipta Malakar Jeevan Koneti Maximilian Köbler Andreas

Markstädter Axel Baumgartl Johannes Wirth Thomas Saueressig Sven Denecken

Sebastian Brunner Manfred Sprenger Janet Salmon Christof Jordan Julian Brüggmann

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dive into this expertly written introduction to embedded analytics in sap get quickly up to speed on the most important embedded analytics concepts and tools available in sap s 4hana walk through project activities and get the answer to the question how much of sap standard can i use obtain an overview of front end tools including kpis multidimensional reporting client and view query browser learn how to build your own kpis and reports explore custom query options including those based on cds technology and bw modeling tools get practical advice for managing roles and authorizations dive into a list of the most frequently asked questions explore sap s 4hana embedded analytics look at front end tools including multidimensional clients learn how to build your own kpis and reports identify custom query options

this guide introduces readers to the fundamentals of cloud computing with sap technologies and applications and dives deep into sap s 4hana cloud essentials edition

formerly known as sap s 4hana public cloud or multitenant edition mte explore and evaluate sap s 4hana deployment models and compare and contrast the similarities and differences between them obtain a multi dimensional understanding of sap s 4hana cloud essentials edition including business functionality coverage landscape and systems configuration and extensions release strategy user experience and the implementation framework sap activate walk through the detailed criteria and arm yourself with the information you need to make a fully informed decision on whether s 4hana cloud essentials edition is the right choice for your organization basics of cloud computing in sap and sap cloud strategy analysis of sap s 4hana deployment models dna of s 4hana cloud essentials edition sap s 4hana cloud assessment criteria and considerations

masterarbeit aus dem jahr 2025 im fachbereich informatik wirtschaftsinformatik note 1 3 technische hochschule rosenheim fakultät für informatik sprache deutsch abstract die vermittlung von grundlagenwissen zu sap s 4hana stellt insbesondere für einsteiger innen eine didaktische herausforderung dar heterogene vorkenntnisse geringe intrinsische motivation sowie die hohe systemkomplexität erschweren den lernprozess diese masterarbeit untersucht inwiefern gamification elemente wie punkte badges und levelsysteme dazu beitragen können die lernmotivation in sap schulungen zu steigern und gleichzeitig den lernerfolg zu verbessern ziel der arbeit ist die entwicklung eines didaktischen konzepts zur gamifizierten sap grundlagenvermittlung das auf basis fundierter literaturanalysen und experteninterviews erarbeitet und anschließend prototypisch in moodle umgesetzt wurde unter anwendung des design science research dsr ansatzes wird die lösung im kontext des praxisrelevanten sell from stock prozesses innerhalb der sap s 4hana umgebung implementiert die ergebnisse zeigen dass gamification das engagement von lernenden erhöht lernbarrieren reduziert und eine interaktive adaptive lernumgebung ermöglicht zugleich werden technische und didaktische herausforderungen identifiziert die bei der integration gamifizierter module in bestehende lernmanagementsysteme zu berücksichtigen sind die arbeit liefert damit praxisrelevante impulse für die didaktische weiterentwicklung von sap schulungen im akademischen und betrieblichen umfeld

seit sap s 4hana sind die zeiten des klassischen debtors und kreditors vorüber der sap geschäftspartner und die transaktion bp bilden nun den zentralen einstieg für das bearbeiten von stammdatensinformationen der kunden und lieferanten mit diesem

praxishandbuch lernen sie das geschäftspartnerkonzept im detail kennen dazu gehören u a die wesentlichen customizing und grundeinstellungen sowie das anlegen eines sap geschäftspartners mit einzel und gruppierten rollen erfahren sie mehr zu sonderthemen wie suchhilfen feldattribute berechtigungen die konfiguration von bildfolgen mit dem visual configuration tool vct oder wie sie geschäftspartner dubletten durch mehrfachzuordnung vermeiden besondere aufmerksamkeit widmet der autor der stammdatensynchronisation über das cvi cockpit inklusive der vergabe von nummernkreisen dabei erläutert er wie die migrationsansätze greenfield und brownfield die art der umstellung auf den geschäftspartner beeinflussen abschließend erhalten sie umfassende informationsquellen rund um den sap geschäftspartner das geschäftspartnerkonzept der sap integration des sap geschäftspartners in sap erp und sap s 4hana synchronisation von geschäftspartnern und customer vendor integration cvi Überblick zu einstellungen im customizing und in der stammdatenpflege

a guide to achieve a highest level of sap s 4 hana central finance and group reporting key features in depth demonstration of sap s 4hana 2020 1909 and 2021 fundamentals includes graphical illustrations for migration cockpit commands and methods hands on practice on fiori bpc sap s 4 hana central finance and group reporting description this book will guide you through the process about what you need to know and help you perform at your highest level to achieve sap s 4 hana and some of the best practices available today this book can assist you in acing employment interviews this book provides an in depth practical illustration of sap s 4hana 2020 1909 and 2021 fundamentals with several examples it contains graphical demonstrations and visual descriptions of the commands and methods available in the sap s 4 hana migration cockpit it includes thorough hands on practice showcasing fiori bpc sap s 4 hana central finance and group reporting subjects using sap s 4hana standards many applications and industry wide projects are included in the book after reading this book you will be able to reliably perform basis security sd mm pp fico and hcm operations as well as define complicated tasks in sap s 4 hana from the very first day what you will learn perform basis security sd mm pp fico and hcm processes in sap s 4 hana forecast and monitor progress throughout the sap s 4hana deployment process administration implementation and authorisation of sap s 4 hana systems from start to finish enterprise wide backup restore and monitoring of sap hana databases leverage fiori apps to carry out sap s 4 hana tasks who this book is for this book is meant for s 4 hana consultants and project managers as well as those working in

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of sap 4 business processes 5 fundamentals of testing 6 testing in the software development life cycle 7 test design 8 tools and technologies for sap testing 9 test data management 10 sap test strategy 11 continuous testing 12 best practices 13 navigating a realtime sap test project 14 business case and case studies 15 sap and ai index

sap s 4hana cloud verspricht gegenüber der on premise version schnellere innovationszyklen und geringere tco total cost of ownership doch was genau verbirgt sich hinter der cloud und wer kann davon profitieren gehören sie überhaupt zur cloud zielgruppe könnten in ihrem unternehmen so mehrwerte generiert werden dieser schnelleinstieg tritt an ihnen diese fragen zu beantworten der autor liefert ihnen einen Überblick über die in s 4hana cloud enthaltenen geschäftsprozesse auswertungs und analysemöglichkeiten sowie die optionen für eigenentwicklungen und erweiterungen sie erfahren wie der projektablauf bei einer einföhrung von s 4hana cloud mit sap activate gestaltet wird zudem erhalten sie einen einblick in das preismodell und die potenziellen implementierungskosten das buch ermöglicht auch interessierten ohne tiefgehende vorkenntnisse der sap software einen raschen und effizienten einstieg in die sap s 4hana cloud welt besonders davon profitieren können it entscheidener und architekten berater und key user einsatzszenarien für sap s 4hana cloud integrationsmöglichkeiten und verfügbare schnittstellen embedded analytics für key user und anwender wohin geht die reise die offizielle cloud roadmap der sap

projektarbeit aus dem jahr 2017 im fachbereich informatik programmierung note 1 7 fom hochschule für oekonomie management gemeinnützige gmbh stuttgart sprache deutsch abstract das ziel der vorliegenden projektarbeit ist es dem leser einen Überblick über die sap hana datenbank sowie die in memory plattform als ganzes und deren wesentliche merkmale bestandteile und funktionen zu verschaffen dabei soll auch einem leser der keinen bezug zu datenbanktechnologien hat anschaulich gemacht werden wie eine sap hana datenbank funktioniert welchem datenbankmodell es zugrunde liegt und welche voraussetzungen das system erfüllen muss damit die sap hana datenbank in betrieB genommen werden kann mit der einföhrung von personal computer ist das digitale datenaufkommen rasant gestiegen seien es nun unternehmensdaten oder daten die ihren ursprung im internet haben daher stehen die unternehmen vor der großen herausforderung die eintreffenden großen datenmengen effizient zu verarbeiten für die die bewältigung dieser herausforderung steht der begriff

big data die klassischen rationalen datenbanken sind nicht mehr in der lage eine so große datenmenge in echtzeit zu verarbeiten daher müssen andere ansätze für eine datenverarbeitung erforscht werden durch den preisverfall für arbeitsspeicher wurde es für die unternehmen finanziell möglich die server mit einer großen arbeitsspeichergröße auszustatten sodass der datenzugriff auf die daten nicht mehr über festplatten stattfinden muss sondern direkt aus dem arbeitsspeicher gelesen werden kann diese art der datenhaltung wird auch in memory genannt diesen trend hat auch der weltweit führende anbieter für standardsoftware die sap erkannt und eine in memory datenbank namens sap hana entwickelt da es eine relativ neue technologie ist ist es nicht jedem bekannt wie sie funktioniert und welche technischen grundlagen hinter dieser technologie verborgen sind um den Überblick über sap hana in memory plattform besser darzustellen ist der aufbau dieser projektarbeit in zwei große teilbereiche aufgeteilt zum verständnis darüber auf welchen allgemeinen datenbankmodellen die in memory technologie und die sap hana datenbank aufbauen wird in den ersten kapiteln der fokus auf allgemeine datenbanktechnologien gelegt hier werden zum einen die technologischen grundsätze aber auch die geschichte der sap das wie und warum dargelegt der zweite teil der arbeit beschreibt die in memory technologie die technologischen wegbereiter für diese sowie den aufbau einer in memory datenbank

mit sap s 4hana for group reporting können die daten aller konzerngesellschaften harmonisiert und auf einer plattform vereinigt werden das buch erläutert wie das programm die berichts und konsolidierungsprozesse unterstützt es stellt die systemarchitektur die integration in die sap s 4hana landschaft und weitere zentrale elemente des customizings dar anhand einer fallstudie zeigt es den gesamten konsolidierungsprozess von der datenübernahme bis zur kapitalkonsolidierung auf abschließend erklärt es die systemgestützte anwendung der equity methode und die erstellung der kapitalflussrechnung die autor innen sind renommierte expert innen im konzernrechnungswesen sie verfügen über jahrelange erfahrung in der beratung und kennen die anforderungen an eine leistungsstarke konsolidierungssoftware aus kundensicht profitieren sie von ihrem wissen und nutzen sie alle vorteile die ihnen die innovative software bietet

if you re working with sap s 4hana you need to know the ins and outs of the system master sap s 4hana s technical and application architecture with this book see how the

foundation is built the backend data models the frontend user experience the analytics and extension capabilities integration options and more then learn about sap s 4hana s core application areas from finance to logistics finally see what sap s 4hana architecture looks like in the cloud get ready to master sap s 4hana from the ground up in this book you ll learn about a technical foundation see what makes a modern erp solution learn about sap s 4hana s technical backbone including the underlying programming models then walk through core concepts the sap fiori user experience analytics intelligent technologies integration extensions and more b business architecture explore sap s 4hana s line of business landscape take a tour of the master data structure and individual application areas like sales service sourcing and procurement logistics warehouse management and finance c cloud considerations pop the hood of sap s 4hana cloud discover cloud specific architecture features from scoping to outputs to identity and access management learn about cloud operations for sap s 4hana cloud and sap s 4hana cloud private edition highlights include 1 technical and application architecture 2 programming models 3 analytics 4 extensibility 5 integration 6 master data 7 sales and service 8 sourcing and procurement 9 logistics and manufacturing 10 finance and governance 11 identity and access management 12 on premise and cloud

sie arbeiten zum ersten mal mit der sap software oder sind als umsteiger von sap erp erstmalig mit sap s 4hana konfrontiert dann ist dieser schnelleinstieg mit seinem kompakten Überblick über den funktionsumfang und einer anschaulichen einföhrung in die neue benutzeroberfläche sap fiori für sie genau richtig was sich hinter den begriffen erp hana und s 4hana verbirgt wird ebenso skizziert wie die beiden lizenzmodelle von s 4hana on premise und cloud sie lernen die wesentlichen integrierten geschäftsprozesse kennen und wie diese mithilfe der fiori apps in sap s 4hana abgebildet werden dazu nehmen die autoren sie mit in die module rund um die logistik wie materialwirtschaft vertrieb und versand sowie produktionsplanung und steuerung um anschließend die integration in die finanzbuchhaltung und das controlling aufzuzeigen sie lernen jeweils die wichtigsten funktionen sowie organisations und stammdatensobjekten kennen und wissen am ende auch welche komponenten welchen modulen zuzuordnen sind anhand von fallbeispielen verfolgen sie schließlich den integrativen durchlauf der drei wichtigsten end to end prozesse in sap s 4hana order to cash purchase to pay und forecast to fulfill modulübergreifende darstellung der geschäftsprozesse sap grundbegriffe einfach und verständlich erklärt

einführung in die neue benutzeroberfläche sap fiori inklusive 4 stunden videomaterial

sie sind erstmals in einem sap system unterwegs oder gehören sie zu den klassischen r 3 bzw erp benutzern und suchen seit der migration zu sap s 4hana eine Überleitung von transaktionen in sap gui zu den fiori apps beide anwendertypen liegen mit dem vorliegenden buch goldrichtig in diesem grundlagenwerk lernen sie wie sie sich in der kachelbasierten oberfläche von fiori anmelden ihren persönlichen arbeitsplatz individuell einrichten und die für die eigene arbeit benötigten apps finden zahlreiche gut bebilderte beispiele sowie erläuterungen zu den umfangreichen hilfefunktionen von s 4hana zeigen dem anwender wie man typische aufgaben in fiori erledigt und sich in der neuen umgebung zurechtfindet ganz konkret wird es wenn sie auf den einsatz von anwendungsjobs schauen die funktion inbox outbox nutzen oder einen belegfluss auswerten der autor demonstriert die auf umfangreichen personalisierungsfunktionen basierenden vorteile des fiori launchpads gegenüber dem menübaum im sap easy access dabei findet auch das wichtige thema der rollen und berechtigungen berücksichtigung erfahren sie außerdem worin sich das s 4hana reporting vom klassischen sap erp reporting unterscheidet was man unter bereichslayout versteht und wie sie sich den fiori launchpad content manager und die sap fiori apps reference library zunutze machen können sap fiori launchpad mit personalisierungsoptionen app finder enterprise search und hilfefunktionen häufig genutzte funktionen in fiori apps beispiele für reporting und transaktionale apps in s 4hana

sap s latest product sap s 4hana is revolutionizing how we approach finance by re architecting data persistency and by merging accounts and cost elements this book offers a fundamental introduction to sap s 4hana finance explaining how accounting and controlling have merged and how they integrate with planning and group reporting learn about the new con figuration options updated data models and what this means for reporting in the future obtain a first hand look at the new user interfaces in sap fiori review the new universal journal asset accounting material ledger and margin analysis functionality examine the steps required to migrate to sap s 4hana finance and walk through the deployment options explore the new possibilities for reporting and analysis learn how to set up roles and business catalogs to provide users with access to the fiori applications and gain an understanding of the various types of applications by using practical examples tips and screenshots this book helps readers to understand the basics of sap s 4hana finance explore the new architecture updated configuration

options and sap fiori examine sap s 4hana finance migration steps understand alternative deployment options such as a central finance deployment

dieses essential bietet einen praxisnahen Überblick über zentrale aspekten der sap cloud transformation mit rise with sap im fokus steht die frage wie unternehmen den wechsel auf sap s 4hana private cloud strategisch vorbereiten strukturiert planen und umsetzen können technische organisatorische und menschliche fragestellungen werden gleichermaßen beleuchtet von der zielbilddefinition über betriebsmodelle bis zur projektstruktur leser erhalten orientierung zur sap architektur in der cloud sap business technology platform btp sowie zu geeigneten migrationsvorgehensweisen ziel ist es entscheidend realistische und umsetzbare leitlinien an die hand zu geben ein fallbeispiel zeigt wie ein mittelständisches unternehmen die transformation in der praxis gemeistert hat

studienarbeit aus dem jahr 2021 im fachbereich vwl finanzwissenschaft note 1 3 sprache deutsch abstract das ziel dieser hausarbeit ist es den prozess des finanzwesens anhand des sap erp systems näher zu betrachten und zu analysieren zunächst wird eine grundlage und ein verständnis über die grundzüge des sap systems geschaffen um dies relevant für die spätere fallstudie abzugrenzen wird eine grundlegende definition des sap erp system geschaffen sowie das modul sap finanzwesen fi erläutert und abgrenzend definiert im anschluss wird das modellunternehmen die global bike group näher betrachtet und vorgestellt es folgt die bearbeitung der fallstudie diese wird durch die darstellung des gesamtprozesses pragmatisch dargestellt welche als Überblick der darauffolgenden teilprozesse dient hierbei erfolgt weitergehend eine abgrenzung zu weiteren elementaren modulen des sap erp systems im konsens eines international handelnden unternehmens und der sap software korrelieren mehrere module wie das controlling co und die materialwirtschaft mm mit dem fi wobei sich in dieser fallstudie ausschließlich auf die prozesse des fi konzentriert wird aufbauend auf die darstellung des gesamtprozesses werden anfallenden teilprozesse vorgestellt und rudimentär definiert

studienarbeit aus dem jahr 2022 im fachbereich bwl handel und distribution note 1 3 european school of business reutlingen sprache deutsch abstract immer mehr unternehmen beginnen ihre produkte nicht mehr zu verkaufen sondern nur noch die nutzung der produkte den kunden als service anzubieten dabei ändert sich jedoch nicht nur das gesamte geschäftsmodell die unternehmen müssen auch ihren gesamten

vertriebsprozess anpassen das ziel dieser arbeit ist es zu untersuchen wie sich der vertriebsprozess von saas lösungen von dem vertriebsprozess von on premise software und anderen produkten unterscheidet um die forschungsfrage zu beantworten wurden für diese arbeit qualitative interviews mit vertriebsexperten aus dem bereich saas vertrieb geführt die interviews wurden mit verschiedenen unternehmen aus unterschiedlichen branchen im b2b bereich geführt durch die interviews soll der gesamte vertriebsprozess von saas lösungen im b2b vertrieb abgebildet und im anschluss der bestehenden literatur gegenübergestellt werden die auswertung zeigt dass der vertriebsprozess von saas lösungen sich in einigen bereichen von dem vertriebsprozess üblicher software unterscheidet hierzu wurde auf basis bestehender modelle ein angepasstes modell entwickelt um den optimalen vertriebsprozess von saas im b2b bereich aus vertriebsperspektive abzubilden

in diesem praxisorientierten buch nimmt sie der autor mit auf entdeckungstour durch ein sap sd einführungsprojekt in s 4hana die reise mit dem schwerpunkt tipps und tricks im vertrieb beginnt bei grundlegenden erläuterungen zum aufbau und den funktionen von sap s 4hana anschließend reisen sie zu den stammdaten für den vertrieb machen einen kurzen zwischenstopp bei den entsprechenden sap strukturen um schließlich ein sightseeing durch den geschäftsprozess zu unternehmen für die ausführliche fehleranalyse troubleshooting verspricht der autor eine wahre achterbahnfahrt bevor sie sich in aller ruhe dem erstellen von fakturen zuwenden mit dem abschließenden berichtswesen erhalten sie wie in einem fotoalbum alle ergebnisse zu ihren reiseabschnitten ihr reiseleiter jörg weißmann fokussiert während des gesamten weg es weniger auf den sap standardvertriebsprozess sondern vielmehr auf das behandeln von ausnahmen wie sie im tagesgeschäft meist auftreten so profitieren zum einen sap einsteiger von der Übersicht über stammdaten organisationseinheiten und prozessabläufe und zum anderen key user sowie alte sap hasen die sich ganz den neuerungen unter sap s 4hana widmen können sap hana s 4hana fiori kurz und knapp erklärt praxisbeispiel vom auftrag zur faktura fehleranalyse in den verschiedenen phasen des vertriebsprozesses tipps und tricks eines erfahrenen sd experten

sap s 4hana das aktuelle kernprodukt der sap revolutioniert die herangehensweise an das finanzwesen indem es die datenpersistenz neu gestaltet und konten sowie kostenelemente zusammenführt dieses buch bietet eine grundlegende einführung in

sap s 4hana finance es erklärt wie rechnungswesen und controlling zusammengeführt wurden und mit der planung und konzernberichterstattung integriert sind entdecken sie die konfigurationsmöglichkeiten und aktualisierten datenmodelle und erfahren sie was diese für das zukünftige berichtswesen bedeuten lernen sie die neuen benutzeroberflächen in sap fiori aus erster hand kennen machen sie sich mit den neuartigen funktionen rund um universal journal anlagenbuchhaltung material ledger und margin analysis vertraut durchlaufen sie die erforderlichen schritte für eine migration auf sap s 4hana finance und beleuchten sie die implementierungsoptionen erkunden sie die neuen möglichkeiten für reporting und analyse lernen sie wie sie rollen und kachelkataloge einrichten um anwendern den zugriff auf die fiori anwendungen zu ermöglichen und gewinnen sie ein verständnis für die verschiedenen anwendungsarten von fiori apps grundlagen von sap s 4hana finance die neue architektur und sap fiori migrationsschritte für sap s 4hana finance alternative bereitstellungsoptionen

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