Business profile

Dipl.-Ing. Siegmar Eisenkolb

Project management
Consultancy work
Process management

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Education and further training	
	Graduate engineer in information technology, Dresden University of Technology/Engineering College
	Electronics circuit development, microprocessors
	Sales, marketing and communications
	Using integrated ERP and MES systems
	Flexible project management (main topic)
	Process management (visualisation, methods)
	Test management according to ISTQB

Professional activities	
	Research and development in the light source industry
	Sales and consulting engineer for HP services company
	Self-employed since 1993 (own company/limited partnership/freelancer)
	Project engineer for investment projects (manufacturing & plant construction)
	ERP/MES project management and consultancy work (infor, AP+, pro Alpha, TXT, SAP, CMF)
	ERP/MES/MDE system partner, launching projects in the SME manufacturing sector
	ERP/MES project management and consultancy work, test management
	Data migration, roll-out planning, go-lives, operating support

Places of work/mobility	Germany, Austria, France

Language proficiency	German (native language)
	English (conversational level)

Major focuses	Project management and consultancy work, process management (BPMN)
	Business process analysis, drawing up specification sheets/functional specifications
	Detailed concepts, preparing for implementation and tests
	Planning and preparing for the use of ERP and MES systems
	Prototypes, data migration, reporting (lists & printed copies)
	Interface management (business/IT), configuration
	Test management (test cases, planning and use)
	Operating support and training for users; KPI & OEE
	Preparing process and sequence documentation

Professional experience	Management consultancy, IT management, service provider
	Medical engineering, special engineering, options manufacturer
	Industry (single item and series manufacturing), trade, engineering,
	Logistics, automotive, electronics, plastics industry
	Vehicle manufacturing, systems manufacturer, apparatus engineering, steel construction, CNC

Technical qualifications	Microsoft Office standard applications, CRM
	Project tools: MindManager, MS Project, VIP Task, 'factro'-PM in Cloud; process/designer/workflow: viflow, Signavio
	Related databases: MS SQL Server, Oracle, Firebird
	ERP/MES applications: infor, ISSOS, AP+, proAlpha, TXTMake, Includis, hydra, JobDISPO, CMF and others, as well as specifications from SAP PP

	Selection of sector solutions: electronics (NAV), plastic injection moulding (MDE Includis), maintenance (GreenGate)
	Flexible project management, test management according to ISTQB

Personal values & general principles	Professionalism, reliability, commitment
	Goal orientation, personal responsibility, flexibility
	Systematic and structured approach, agility
	Rapid familiarisation with an analytical mind
	Service = "serving" and "working", hands-on
	"Plans are realised through consultancy work!"

REFERENCES – excerpt from project in 2012

"Fraunhofer Institut, Microelectronik and semiconductor"

Workplace: Feb. 2020 – *actual*	**Project management, consultancy work, concept and test coordination, data migration**
	Project work to introduce an MES solution to share data with other German institutes and integrate ERP (SAP)
	A professional stakeholder management system and consistently focusing on the scope of the project were of great assistance here.
Project goals	Replacing the current MES solution within the factory network
	Defining a product-designating variation structure
	Functional and technological developments for work preparation
	Using sequential planning to minimise bottlenecks
	Replacing or harmonising detailed and isolated solutions across the various departments
	Successfully launching go-lives within the planned time frame
Main focuses of the project	Preparing the master analysis (process description) as a basis for detailed specifications
	Implementing the specification sheet requirements
	Organisational work to introduce work packages (workshops)

	Assessing the change and risk management requirements
	Data modelling for general process interfaces
	Coordinating integrated sub-processes (orders, materials)
	Planning the test and roll-out phases (business release)

"Plauen Stahl Technologie", steel/component construction

Workplace: Okt. 2018 – Nov. 2020	**Project management and test coordination** ERP-/MES-/Fibu-Versions-Update 'pro Alpha', 5.2 -> 7.1, In concideration of special customizations.
Project goals	Preparation of a tested version changeover, Training of employees in new functions and change processes, Adaption and conversion of interfaces and reports.
Main focuses of the project	Preparation of test cases, test planning and specification, Test types: Componenten test, integrations test, system test (acceptance), Employee instruction, test evaluation.

"Constellium Extrusions Deutschland GmbH", aluminium extruding company

Workplace: Dec. 2013 – June 2019	**Project management, consultancy work, concept and test coordination**
	Project work to introduce an MES solution to share data with three German factories and integrate ERP
	This involved overcoming the difficulty of replacing an IT solution, which had been used for many years, and synchronising the project requirements within the factory network.
	A professional stakeholder management system and consistently focusing on the scope of the project were of great assistance here.
Project goals	Replacing the current MES solution (AS400) within the factory network
	Defining a product-designating variation structure
	Functional and technological developments for work preparation
	Using sequential planning to minimise bottlenecks
	Replacing or harmonising detailed and isolated solutions across the various factories
	Functional backup for the whole solution within the factory network (inter-company)
	Successfully launching go-lives within the planned time frame
Main focuses of the project	Verifying and selecting MES suppliers
	Preparing the master analysis (process description) as a basis for detailed specifications
	Implementing the specification sheet requirements
	Organisational work to introduce work packages (workshops)
	Assessing the change and risk management requirements
	Data modelling for general process interfaces
	Process management with third-party suppliers (OPC, connectors)
	Coordinating integrated sub-processes (orders, materials)
	Planning the test and roll-out phases (business release)
Other assignments	Consultancy work and approving specifications

	Preparing test cases and installing test planning
	Performing component and integration tests
	Training and support for operators before/after go-live phases
	Preparing process and sequence documentation

"Plauen Stahl Technologie", steel/component construction

Workplace: Sept. 2012 – Nov. 2013	**Project management, consultancy work, concept and test coordination**
	Introducing ERP/MES/financial accounting with 'proAlpha'
	Considering specific business processes in the steel and plant construction business
Project goals	Replacing and extending the previous ERP solution
	Conceptual planning for various specification sheets
	Functional backup for the whole integrated solution
	Successful launch of go-live by the scheduled date
Main focuses of the project	Fine-tuning the specification content with departments
	Chairing workshops and launching work packages
	Consultancy work and approving specification sheets for implementation
	Drawing up test scenarios for individual and integration tests
	Quality control for implemented operations
Other assignments	Training and operator support before/after go-lives
	Preparing process and sequence documentation

Supplement to "Professional experience"

In the area of engineering, the design of IT systems (ERP, MES, etc.) required the use of compatible SOX measures. This involved, for example, the authorization concept (separation of duties), access management (IAM) and security management. A functional matrix was set up for the structure of the authorization concept (SoD) in order to check for possible conflicts.

Further processing was carried out in coordination with IT and the business unit.

Information about other ERP/MES project work

(Work periods: Oct. 1998 – Aug. 2012)
The document entitled "Business-Lang-Profil_Eisenkolb-idt"
contains the tasks/content in chronological order.