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Aptitudes principales

Planeamiento de proyectos

Análisis de negocio

Gestión de proyectos

Alfonso Maldonado Sibaja

IT Project Manager | MES Expert | PSI Metals Expert
Euclid, Ohio, United States

Extracto

Accomplished IT Project Manager with over 12 years of specialized experience in leading the end-to-end implementation of Manufacturing Execution Systems (MES), particularly PSI Metals, within the steel pipe manufacturing sector across the USA, Canada and Mexico. Managing the complete project lifecycle, including scope definition, planning, budget, design, execution, go-live and post-implementation support. Experience coordinating cross-functional teams and engaging stakeholders to achieve projects on time and within budget. Brings robust functional and technical expertise to drive operational enhancements and ensure the execution of projects.

Summary

- 24+ years of experience in the Steel Manufacturing Industry.
- 12+ years of experience in MES Implementation (PSI Metals Expertise).
- Definition of MES solution that has been deployed at 7 manufacturing plants at USA and Canada.
- Project Management Lifecycle (Agile and Waterfall methodologies).
- Leadership, mentoring and development of cross-functional teams.
- Change Management.
- Stakeholder Engagement and Communication.
- Impact Analysis.
- Budget Management and Cost Control.
- Process Improvement.
- Very good experience of Product Feasibility, and Order Dressing.
- Extensive experience in Order Management, Material Management, Yard Management, Production Planning, Plant floor Execution.
- Extensive experience defining and implementing integration models with Automation systems.
- Extensive experience in Quality Management.
- Extensive experience of MES integration with SAP, Production Planning and Management control systems.

Functional and Technical Skills:

- PSI Metals
- Scrum foundation
- PL/SQL Dev
- Oracle
- SOAP UI
- Power BI
- Azure Devops
- JIRA
- Solman – Solution Manager
- USD – Service desk manager
- MS Teams, Office, Visio, MS Project
- Natural Adabas

Experiencia

Lincoln Electric

Manufacturing Execution System Service Owner

octubre de 2024 - Present (5 meses)

Cleveland, Ohio, United States

Tenaris

Tenaris Koppel - IT Project Manager

mayo de 2023 - junio de 2024 (1 año 2 meses)

United States

Serving as an IT Project Manager for a global leading steel pipe manufacturer, I was responsible for complex and high-profile MES (PSI Metals) implementation across two manufacturing sites: Tenaris Koppel in Pennsylvania and Tenaris Brookfield in Ohio. This strategic initiative promoted logistical integration with Tenaris Ambridge in Pennsylvania and unified these three manufacturing plants within a single MES instance. This project achieved operational synergy and enhanced collaborative efficiency across the north USA facilities.

Responsibilities

- Managed the full project lifecycle including designing, planning, specification, tracking, testing, training, Go-Live, post-implementation support, and project completion.
- Assessment to identify the gaps to cover all operative scenarios.

- Defined the business scenarios, based on physical production lines layout and material flows.
- Coordinated and developed the cross-functional project team.
- Defined the integration model for Heat Treatment and Finishing production lines with Automation team.
- Coordinated and led the workshops and meetings to validate solution of each gap with stakeholders.
- Worked collaboratively with multiple functional teams, such as Automation, SAP, Production Planning, and Management control.
- Defined the deliverables for each sprint with the Development team.
- Led on all day-to-day task execution.
- Developed and implemented project metrics and managed progress reporting.
- Provided regular project updates to stakeholders.
- Impact analysis by job position to identify the most impacted users to define strategies to simplify system adoption.
- Purchase requisition of required devices such as thin clients, thermal printers, scanners, etc.
- Orchestrated comprehensive training programs for over 168 end-users, significantly enhancing system adoption.
- Elaborated the Go-Live strategy and validated with stakeholders
- Lead the cross-functional teams for Go-Live, and Post-Implementation on-site

TenarisTamsa

23 años 11 meses

IT Project Manager

enero de 2022 - mayo de 2023 (1 año 5 meses)

Working as an IT Project Manager for a globally steel pipe manufacturer, I led the coordination of a cross-functional team to implement the MES (PSI Metals).

Responsibilities

Led and development the functional team to implement MES on different Tenaris plants in USA and Canada.

Coordinated the workshops and meetings to validate specifications and define priorities with stakeholders.

2021 - 2022, Implementation of MES at Tenaris Algoma, Ontario, Canada, covering the Bars Cutting, Hot Rolling Mill, Heat Treatment, Finishing, Premium Threading production lines.

IT Project Leader

diciembre de 2011 - diciembre de 2021 (10 años 1 mes)

Working as an IT Project Leader for a globally steel pipe manufacturer, I defined the MES that has been extended to the north America region, the model was defined in collaboration with a group of MES experts from different countries, I led and developed the cross-functional team in charge to implement MES (PSI Metals) on different locations in North America, I was the mentor of the support team in charge to support operations of Tenaris plants in USA and Canada, and attend evolutive and corrective changes.

2021, Implementation of MES (using PSI Metals) at Tenaris's Ambridge facility in Pennsylvania, focusing on the Hot Rolling Mill production line. The project involved a deep analysis of production workflows, customization of MES software to fit unique operational needs, and a targeted approach to enhance process efficiency and data integrity.

2021, Implementation of MES (using PSI Metals) at Tenaris's Koppel facility in Pennsylvania, covering the Steel shop, and Bars Cutting production lines.

2018, Implementation of MES (using PSI Metals) at Tenaris's Conroe facility in Texas, covering the Heat Treatment, Finishing, and Threading production lines.

2016 - 2018, Implementation of MES (using PSI Metals) at Tenaris's Bay City facility in Texas, covering the Bars Cutting, Hot Rolling Mill, Heat Treatment, and Finishing production lines.

2012 - 2014, Designed of the Manufacturing Execution System (MES) using PSI Metals for Tenaris's US manufacturing plants, and the implementation of MES at Tenaris's Conroe facility in Texas, covering the Slitter, Welder, Heat Treatment, and Finishing production lines. This model had been extended and implemented across 7 Tenaris plants located at USA and Canada.

IT Application Responsable

abril de 2005 - noviembre de 2011 (6 años 8 meses)

Responsibilities

Led and development the functional and development teams

2010 - Implementation of MES at Tenaris Tamsa, Veracruz, México, covering the Bars Cutting, Hot Rolling Mill, Heat Treatment, and Finishing production lines.

2008 - Implementation of MES at Tenaris Tamsa, Veracruz, México, covering the Premium Threading production lines.

Support plant operations, implementation of evolutive and corrective changes to different business process and manufacturing plants at Tenaris Tamsa.

IT Analyst & Developer

julio de 1999 - marzo de 2005 (5 años 9 meses)

Responsibilities

Analysis, Development, Testing and Implementation of evolutive, and corrective changes on MES to different business process such as Supply chain, Product feasibility, Order Management, Production planning, and Plant floor execution.

Educación

Universidad Cristóbal Colón, Veracruz, Mexico

Master's degree, Information Technology · (2005 - 2007)

Instituto Tecnológico de Veracruz, Veracruz, Mexico

Bachelor's degree, Computer Engineering · (1994 - 1999)