Ahmed OTHMAN

ahmed.othman.oa@gmail.com | linkedin.com/in/othmen-ahmed | WhatsApp: (+216) 99 987 391

Experience

INDUSTRIAL IT SPECIALIST, VOTORANTIM CIMENTOS – Tunis, Tunisia   09/2021– Present

- Led efforts of PCS7 system audit, resolving networking errors and implementing a spare parts strategy for enhanced reliability and minimal downtime. Fully eliminated fugitive networking faults and maintained 100% reliability.
- Boosted operational efficiency by 30%, enabling faster decision-making and reducing manual reporting time. Orchestrated seamless integration of LIMS and AVEVA PI with existing DCS, facilitating real-time reporting for statistical analysis and operations.
- Maintained zero production downtime during a major system upgrade by designing and implementing a new OT network architecture. Enabled concurrent operation of old and new crushing systems, ensuring continuous limestone production throughout the transition.

Project Highlights

ABB Ability Expert Optimizer for cement   11/2022

- Shortened commissioning phase by 7 days against the original project timeline. Efficiently installed and configured Windows Server 2022 to ABB specifications, conducting rigorous network connectivity testing.
- Slashed commissioning time by 20%, significantly accelerating overall project completion. Proactively developed all switching logic and control programs during the project's model phase.
- Optimized production efficiency, achieving a 30 Kcal/hour reduction in energy consumption. Implemented and fine-tuned ABB Expert Optimizer's Process Control Strategies in the continuous production line. Reference: bruno.godoy@ch.abb.com

ABB LIMS integration   12/2022

- Expedited commissioning by 5 days, surpassing projected timeline expectations. Efficiently configured Windows Server 2022, client PCs, and network architecture to ABB specifications.
- Streamlined data validation process, reducing human intervention to zero and markedly improving workflow efficiency. Enhanced VBA code for LIMS processor to intelligently handle measurement quality results and automatically filter out faulty readings.
- Improved reporting efficiency, saving 2 hours per report generation cycle. Automated the creation of daily and monthly quality reports in LIMS, significantly reducing manual labor. Reference: samuel.grave@ch.abb.com

Skills

Industrial Automation: Siemens PCS7, TIA Portal, WinCC Flexible, WinCC , ABB 800xA, OPC DA/UA, Ignition, Zenon AVEVA Wonderware

Industrial Networking: Proficient in OT network architectures, including Profibus and ProfiNet.

Languages: English (C1), French (C1), German (A1)

Education

National School of Engineers in Sousse (ENISo College) – BS in mechatronics engineering   09/2017-09/2021
Graduated: July 2020

Certifications

ABB 800xA Expert Optimizer Fundamentals & Control Strategies   03/2024
Cisco Certified Network Associate (CCNA)   12/2023
TOEIC (940)   03/2019