# IIoT Interface & Automation Software Engineer

## Vos activités

- Identify priority machines/assets and barriers with stakeholders, evaluate costs for hardware or concept integration.
- Support and validate automated measurement technology against customer requirements.
- Ensure Process Diagnostic capabilities for stakeholders like Maintenance, Quality, Production across different connectivity states.
- Assist in data-driven value creation through signal prototyping and iteration, driving process maturity.
- Understand and evaluate global trends in manufacturing control concepts and interfaces, collaborating with universities.
- Assess and migrate (Legacy) Manufacturing OT Systems.
- Standardize digital processes, including Data model harmonization and change management, and implement Digital Twins for process simulation.
- Consult and test Equipment focused Interface & Software Integration, ensuring standard execution within OESL.
- Plan, execute, and participate in agile project management projects, including budgeting and reporting to stakeholders.
- Provide training and coaching, sharing knowledge on process analytics and implementation possibilities, and contributing to ME process and machine standardization.

## Votre profil

- Basic understanding of manufacturing engineering processes, technologies, systems, and standards.
- Advanced knowledge in process controls, machine signals, and machine protocols.
- Advanced hardware expertise, particularly in PLCs and embedded systems in manufacturing.
- Basic familiarity with CT Manufacturing Software Suite (e.g., MDL, MDA/PDA, MSB, MES).
- Advanced skills in control design and system interfacing, including state machine concepts and Siemens control.
- Proficiency in low code data flow design software (e.g., NodeRed, Apache NiFi) and Linux container concepts.
- Basic programming experience with languages such as C++, C-Sharp, Python, JavaScript.
- Basic ability in plant/machine simulation, project management (especially agile approaches), and business process understanding.
- Advanced understanding of future technologies, Industry 4.0 applications, and smart factory technologies.
- University degree in electrical/industrial engineering, experience in manufacturing engineering, and proficiency in English and intercultural sensitivity.

Référence
**REF51138T**

Domaine fonctionnel
**Industrial Engineering**

Site
**Apodaca**

Niveau de leadership
**Leading Self**

Flexibilité du poste
**Hybrid Job**

Nom du contact
**Cristina Escalona**

Unité légale
**ContiTech Mexicana, S.A. de C.V.**

## Notre offre

In Continental we are committed to an inclusive and non-discriminatory culture, we will never require a HIV or pregnancy test as a part of our selection process.

#LI-CE2

Ready to drive with Continental? Take the first step and fill in the online application.

## A propos de nous

Continental develops pioneering technologies and services for sustainable and connected mobility of people and their goods. Founded in 1871, the technology company offers safe, efficient, intelligent and affordable solutions for vehicles, machines, traffic and transportation. In 2022, Continental generated sales of €39.4 billion and currently employs around 200,000 people in 57 countries and markets.