V2X Connectivity Engineer -

WHO WE ARE LOOKING FOR:

The candidate will operate in the CNHi - Precision and Vehicle Electronics – V2X Telematics Team

He/She will be the subject matter expert on RF and Telco connectivity between machines and off board connectivity platforms AND connectivity across machines. He/She will work on global RF and Telco requirements (cellular networks, certifications, frequency bands, SIM/eSIM/eUICC, roaming management, APN/VPN and general M2M back-end integration, MVNO, connectivity coverage by region, ...)

Assist in developing the road map for CNH for connectivity technologies and operators to be used for Fleet connectivity as well as autonomous solutions going forward

Stay up to date on regional and global requirements and constraints as they apply to the technologies that we will use and help future proof our products in the RF/Telco Hardware

Ensure the compliancy of the connectivity devices with the regional regulations and certifications

Monitor the connectivity KPI from the field and lead cross-team activities for continuous improvements

YOUR KEY RESPONSIBILITIES:

In order to achieve the tasks, the main responsibilities of the position include:

* Work close with the Platform Manager(s) to collate and maintain the technical requirements for our radio and modem products/solutions. This activity will be critical in removal of ambiguity of requirements and subjectivity in evaluation.
* Translates product requirement information and documents into a technical requirement document to define the technologies required to achieve the goal or direct engineering towards the technology road map required to deliver the goal.
* Work across product management and marketing to help flush out use cases that can then be detailed by use case writers.
* Helps appraise new product innovation ideas to determine their potential to address customer needs.
* Provides the management with comprehensive analysis of trends and architectures to define the proper Telco strategy
* Supports Purchasing to prepare and review RFI/RFQ with Telco-related suppliers
* Establishes product specifications, and coordinates with various functions, including Engineering, Manufacturing, Marketing, and Sales, to ensure successful product definition and development of our connected products.
* Provides technical / managerial leadership to explore and champion new product development programs, cost reduction target achievement and product improvement programs.
* Evaluate enhancements to existing products or strategic product extensions, and translates research discoveries into usable and marketable products as needed.

YOUR KEY COMPETENCES AND QUALIFICATIONS:

* Master degree in Information Systems/E.E./Physics
* Knowledge and understanding of Radio Frequency physics and algorithms
* Knowledge and understanding of OSI networking model
* Basic computer programming skills
* 2G/2.5G/3G//4G/5G cellular
* Microwave
* Satellite backhaul
* Familiar with data annotation practices/techniques and model training pipelines
* Attention to detail and ability to work independently
* Excellent communication and team work skills
* Passion to solve difficult problems
* Language: Fluent English;
* Willing to Travel.