

	Job Description	
---	------------------------	--

1. Position: FIRMWARE DESIGNER	
Business Unit:	Research & Development
Job Title:	Firmware Designer
Hierarchical Reporting:	Test Platform manager
Internal Functional Relations:	Sales and Marketing, technical assistance
External Functional Relations:	Customers and Suppliers
2. Responsibilities	
Is responsible for FW Test Platform Development, implementation of development environments for application generation, identification of Test Library architectures in line with the ELES Roadmap.	
3. Core Activities	
Defines New Product Specifications	
FW design and development, debugging and integration activities with HW, debugging and integration activities with SW.	
FW Product Documentation	
4. Education & Training	
Bachelor's/Master's degree in Computer Engineering	
English language skills	
5. Required hard&soft skills	
Development on PCs (Windows and Linux) and on embedded systems.	
Development in single-threading and multi-threading environments	
Programming languages C / C++	
Knowledge of microcontroller architectures	
Knowledge of the main communication buses: SPI, I2C, CAN, UART,...	
Knowledge of the main communication buses: SPI, I2C, CAN, UART,...	
Knowledge of version control systems (SourceSafe, GIT)	
Use of laboratory instruments (oscilloscopes, LSA, power supplies)	
6. Required experiences	
Previous experience in the role	
7. Notes	
The resource will be immediately involved in the company's operational projects and will be graded at a level consistent with his/her experience with reference to the CCNL. Working hours: Full Time, from Monday to Friday. Place of work: Todi, Pg.	