

		Job Description			
Job Title:	Firmware Engineer				
Company:	Schindler	Work location:	Shanghai / Jiading		
Department:	R&D-AP	Reporting to position:			
Management grade:	Junior Engineer	Signatory right:	Campus		
Number of direct subordinates:	None	Number of indirect subordinates:	none		
Direct budget responsibility:	None	Indirect budget responsibility:	Project budgets		
Objectives of the function:	<ul style="list-style-type: none"> The job holder fulfills his/her mission within the R&D-CO / AP electrical department and therefore operates closely in conjunction with the SW Teams. He/She is responsible for development of software functions in elevator system. 				
Main tasks:	<p>SW Development Development of software (firmware, embedded SW) by keeping focus on the R&D AP mission statements: Develop high quality SW, which is maintainable for a long period and allows short time to market for additional features and use state of the art development practice.</p> <p>SW Testing - Support component system integration test from SW perspective - Define software release test - Support to write test case for automatic bench tester</p> <p>SW Components responsibility - Develop, test, release and document software - Maintain the component documentation - Ensure maintainability & continuous quality improvement of assigned SW Component</p>				
Education:	<ul style="list-style-type: none"> Major with Automation control, computer science and technology, motor control, Power Electronics, Electrical and Electronics Bachelor or Master degree or relevant discipline Some knowledge about analogue and digital circuitry <p>Some basic knowledge of at least one of the listed development languages: → C, C++, C#, XML, script languages</p>				
Languages:	<ul style="list-style-type: none"> Good English 				
IT:	Excellent knowledge of office software				
Professional skills:	<ul style="list-style-type: none"> Engineering and design methods 				
Preferences:	<ul style="list-style-type: none"> Some basic practice or exercise SW code writing 				