

# Human Resources

## Design Requirements



Doc. No:	<b>HR-ESC-RS-002</b>	Issue:	<b>2.0</b>	Date:	<b>04.06.2024</b>
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Title:	<b>Design Requirements</b>
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	Name:	Date:
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## Document Change Log

Issue	Date	Sheet	Change Description
1.0	05.02.2021	DR	- Initial Issue
2.0	04.06.2024	DR	- Selected requirements deleted - Document ID updated

Req. ID	Name	Description	Note
SRS-001	Programming language	SW shall be implemented in C language.	
SRS-002	Compiler	The GCC compiler shall be used.	
SRS-003	Event Severity	Event severity shall be -Normal Report -Low Severity -Medium Severity	
SRS-004	Medium Severity	Medium severity event shall initiate a system reset.	
SRS-005	Event Location	Event report shall contain identification of a SW module and location in the module where the event occurred (event instance).	
SRS-006	User Parameter	Event report shall allow to include a user defined data up to 4B used for event context.	
SRS-007	Event type	Each event shall be one of the defined type.	For the purpose of the task a couple types of events shall be made up.
SRS-008	Null event type	A mandatory medium severity event type is "NULL argument" event which will be raised in case a function will detect NULL argument instead of a valid value.	
SRS-013	Event enable	It shall be possible to enable/disable the event reporting for each event type separately.	
SRS-014	Report sending	Event reports shall be sent using communication interface (via relevant module).	