

Objective and Result

The objective of this assignment was to import, edit, export, and format a set of requirements into a requirements management system. Once imported, I edited the requirements, ensuring all requirements only contained one objective, were verifiable, and were identified as a requirement within the system. I exported the document, reviewed to ensure every requirement had a requirement ID, and formatted the information into the company template. After a final review by Subject Matter Experts (SMEs), I released the document into product data management system, and the in-house configuration management system. Upon release, I traced the requirements to the system-level requirements within the system and exported the traceability report for review by the SMEs.

REQUIREMENTS DOCUMENT, SAMPLE PROJECT



CONTENTS

7.	SURVEILLANCE REQUIREMENTS	8
6.	RELIABILITY REQUIREMENTS	8
5.5.	Security Requirements	8
5.4.	Safety Requirements	8
5.3. 5.3.1.	Mechanical Requirements	
5.2. 5.2.1. 5.2.2.	Electrical Requirements Current Load Profile	7 7
5.1. 5.1.1.	Functional Requirements Open Circuit Voltage	7
5.	PRODUCT REQUIREMENTS	
4.1. 4.1.1. 4.1.2.	Electrical Interfaces Electrical Connector Type and Designator Electrical Connector Pinout	6
4.	INTERFACE REQUIREMENTS	
3.3.	Assumptions, Dependencies, and Constraints	6
3.2.	Operational Scenarios	6
3.1.	Product Context	6
3.	PRODUCT OVERVIEW	5
2.2.	Reference Documents	
2.1.	Required Documents	
2.	DOCUMENT REFERENCES	5
1.4.	Verification	5
1.3.	Change Control	4
1.2.	Purpose	4
1.1.	Scope	4
1.	GENERAL	4

8.	SPECIALTY ENGINEERING REQUIREMENTS	8
8.1.	Maintenance Requirements	8
8.2.	Transportation Requirements	8
8.2.1.	Handling and Use	8
9.	ENVIRONMENTAL REQUIREMENTS	9
9.1.	Normal Environments	9
9.1.1.	Temperature	
9.1.2.	Stress	
9.2.	Abnormal Environments	9
10.	NEXT ASSEMBLY ASSERTIONS	9
11.	ACRONYMS	10
FIGURI	ES	
Figure 1.	Model	6
Figure 2.	Sample Product Block Diagram	6
C		
TABLE	S	
Table 1. S	Sample Product Connector Pinout Table	7