



Innovative Document Generation for System Engineers: A Case Study at an Aerospace Company



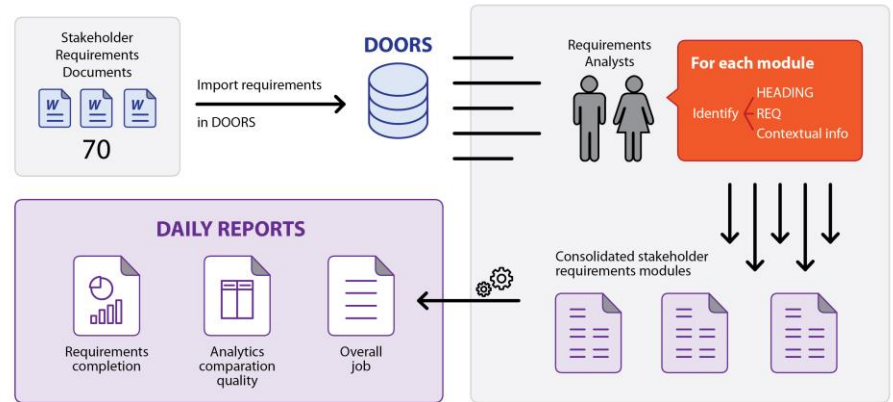
System Requirements Review – Daily Matrix

Requirements completion

In one big aerospace project there were around 70 modules of just stakeholder requirements that needed to be transformed into system requirements.

There were two analysts assigned to each module, that each statuses the requirement type and domain that it affected (there were major overlaps).

Based on the contract, daily dashboards needed to be generated, to see % completion by each analyst for each module to be able to keep track of the whole process.



Scheduled Reporting Process

GEBS Reporting Web Publisher



Scheduler for executing the reports every morning.



Share your reporting resources for more effective teamwork across distributed organizations

GEBS Reporting Excel Convertor



Uses Excel templates to generate custom charts. An excel template can be reused for other projects.

Data extracted from DOORS feeds the charts in Excel

Live data, live charts

Requirement ID	Requirement Title	REQ Analyst A	REQ Analyst B	Status
LPS7	The system includes car park entry and exit detection equipment, and entry/exit control. It includes a booking or allocation aspect that will interface to the current hotel booking system. The payment part of the system covers reporting of usage to the existing hotel billing and payment system. Reporting of usage to management is included, as is ad-hoc reports on request of hotel staff for example to confirm whether and where a guest currently has a car parked.	CONTEXT	CONTEXT	OK
LPS8	Construction and maintenance of the parking lots is out of scope. Security and management of the parking lots is out of scope.	CONTEXT	REQ.	FAILED
LPS144	1.2 High Tech Option	HEADING	HEADING	OK
LPS169	The car park access system allows vehicles to enter and leave the car park.	REQ.	CONTEXT	FAILED
LPS400	The system shall admit authorized vehicles	REQ.	REQ.	OK
LPS450	The system shall admit unexpected vehicles when there are unutilized spaces	REQ.	REQ.	OK
TOTAL	6 processed objects		4 - OK	2 - FAILED

