

Requirement Traceability Matrix

Company D

Revision summary

Revision	Date	Description
0.1	16.03.2020	Document Created
1.0	21.03.2020	1st Version

Project name:	Baggage Handling Upgrade	Business Area:	Airport Systems
Project manager:	Libor Stark	Business Analysts lead:	Martin Janosik
QA lead:	Denis Hlinka	Target implementation date:	January 1 st 2021

Req. id.	Category or functional activity	Requirement description	Use case reference	Design document reference	Code or module reference	Test case reference	User acceptance validation	Comments
SCR-1	System Capability Requirement	The system must have 70 seconds pass from the moment the baggage enters the extension to the moment the baggage reaches the additional screening area.	R2	<i>To be added after having finished DDD</i>		<i>To be added when writing STD</i>		
SCR-2	System Capability Requirement	The system must have 30 seconds pass from the moment the baggage exits the additional screening area to the moment the baggage reaches the entry point to the Ultimate Control track.	R3					
SCR-3	System Capability Requirement	The system must allow for baggage to be manually removed through an offset workstation in the Ultimate Control area.	R5					
SCR-4	System Capability	The system must allow for baggage to be manually transported from the Ultimate Control Area to the search room and destruction	R5					

	Requirement	area after being removed from the system.						
SCR-5	System Capability Requirement	The system must have all baggage that was marked as unsecure by the additional screening machines wait for the final result from the operator.	R8					
SCR-6	System Capability Requirement	The system must allow for baggage cleared in the Ultimate Control area to be loaded into the system through one dedicated workstation..	R9, R11					
SCR-7	System Capability Requirement	The system must not allow for totes with baggage to pass the Ultimate Control area, regardless of other elements being in error.	R10					
SCR-8	System Capability Requirement	The system must allow for bags at the Ultimate Control area to be loaded to an empty tote and paired with it with the use of a hand-held scanner or manually entering the proper code with a keyboard.	R11					
SIIR-1	System Internal Interface Requirement	The SecureScreen RX 5001 additional screening machines must have a software interface	R4					
SPR-1	Security and Privacy Requirement	The system must not allow any unsecure baggage to go through, regardless of mechanical errors.	R1					
SPR-2	Security and Privacy Requirement	The system must have all baggage that is marked as unsecure or not marked from initial screening prior to the extension, routed to the additional screening area.	R7					
SPR-3	Security and Privacy Requirement	The system must have all baggage that is marked as unsecure by the additional screening machines and the operator, routed to the Ultimate Control area.	R8					
SPR-4	Security and Privacy Requirement	The system must have all baggage that is marked as secure in the additional screening area, routed to the planned destination.	R8					
CRR-1	Computer Resource requirements	The electrical installation must be extended with the following components: 1 Main Control Cabinet (MCC) 4 Field Control Cabinets (FCC)	R7					
DCC-1	Design and Construction Constraints	The additional screening machines in the additional screening area are of type SecureScreen RX 5001.	R4					

DCC-2	Design and Construction Constraints	The Search Office in the Ultimate Control area must have size 15m2 (6m x 2.5m)	R6					
DCC-3	Design and Construction Constraints	The Destruction Area in the Ultimate Control area must have size 10m2 (5m x 2m, with free high 3m)	R6					