

ANNEX 3: REQUIREMENTS

1. Functional Requirements

FUNCTIONAL REQUIREMENT ID	FUNCTIONAL REQUIREMENT NAME	FUNCTIONAL REQUIREMENT DESCRIPTION	FUNCTIONAL REQUIREMENT RELATED TEST	RELATED BUSINESS REQUIREMENT ID	RELATED BUSINESS REQUIREMENT NAME	RELATED BUSINESS REQUIREMENT DESCRIPTION
AES_FUR_0001	Validate Data	The AES must validate data against its associated Rules & Conditions, formats and required fields.	AES-TC-0101 AES-TC-0103 AES-TC-0111 AES-TC-0116 AES-TC-0118 AES-TC-0120 AES-TC-0121 AES-TC-0123 AES-TC-0301 AES-TC-0303 AES-TC-0402 AES-TC-0404 AES-TC-0405 AES-TC-0409 AES-TC-0410 AES-TC-0414 AES-TC-0420 AES-TC-0422 AES-TC-0423 AES-TC-0424 AES-TC-0424 AES-TC-0430 AES-TC-0431 AES-TC-0432 AES-TC-0435 AES-TC-0701 AES-TC-0702 AES-TC-0704 AES-TC-0705 AES-TC-0801 AES-TC-0805 AES-TC-0810 AES-TC-0814 AES-TC-0818 AES-TC-0819	EXP_BUS_0001	Receive Export Declaration	The Customs Officer must be able to receive export declaration.

			AES-TC-0821 AES-TC-1401 AES-TC-1402 AES-TC-1501 AES-TC-1503 AES-TC-1001 AES-TC-1003 AES-TC-1007 AES-TC-1008 AES-TC-1701 AES-TC-1702 AES-TC-1801 AES-TC-1803 AES-TC-2106 AES-TC-2107 AES-TC-2108			
				EXP_BUS_0005	Receive Amendment Request	The Customs Officer must be able to receive an amendment request to an export declaration / exit summary declaration / re-export notification.
				EXP_BUS_0007	Receive Supplementary Declaration	Customs Officer must be able to receive supplementary declaration and match it to the simplified declaration(s) earlier received.
				EXP_BUS_0014	Handle Exit Notification	The Customs Officer at the Customs Office of Exit must be able to process the exit notification.
				EXP_BUS_0026	Manage Exit Results	The Customs Officer at the Customs Office of Exit must be able to receive the Exit Notification form the Trader and to communicate the Exit Results to the Customs Office of Export.
				EXP_BUS_0027	Manage Alternative Evidence	The Customs Officer at the Customs Office of Export must be able to manage any alternative evidence about the exit of goods.
				EXP_BUS_0029	Collect Information about Movement of Goods from Trader	The Customs Officer at the Customs Office of Export must be able to collect additional information about the Movement of Goods from the Trader.
				EXP_BUS_0032	Manage Lodgement of EXS	The Customs Officer at the customs office where an Exit Summary Declaration is lodged must be able to accept and process the declaration.
				EXP_BUS_0035	Manage EXS Registration at Office of Exit	The Customs Officer at the Customs Office of Exit must be able to process a directly lodged Exit Summary Declaration or an Exit

						Summary Declaration forwarded by the Customs Office of Lodgement.
				EXP_BUS_0038	Manage Invalidation of Export Declaration	The Customs Officer must be able to invalidate the export declaration when it no longer meets the requirements to be processed normally.
				EXP_BUS_0039	Ensure Exit Formalities	The Customs Officer at the Customs Office of Exit must be able to manage exit formalities.
				EXP_BUS_0064	Manage Lodgement of Supplementary Customs Declaration for AES	The Customs Officer must be able to accept or reject a Supplementary Customs Declaration.
				EXP_BUS_0065	Manage Lodgement of Re-Export Notification	The Customs Officer at the customs office of Exit must be able to accept (and process) or reject the re-export notification.
				EXP_BUS_0066	Manage Additional Information about Movement Provided by Trader	The Customs Officer at the Customs Office of Export must be able to accept or reject Additional Information about Movement provided by the Trader.
				EXP_BUS_0067	Manage Invalidation of EXS/REN	The Customs Officer must be able to invalidate the EXS/REN when it no longer meets the requirements to be processed normally.
				EXP_BUS_0080	Manage Transit Notification	The Customs Office of Exit must be able to accept, reject or process the Transit Notification.
				EXP_BUS_0081	Manage Transit Notification Amendment Request	The Customs Office of Exit must be able to accept, reject or process the Transit Notification Amendment Request.
AES_FUR_0002	Record Data	The AES must record data as it is registered or processed automatically.	AES-TC-0101 AES-TC-0102 AES-TC-0103 AES-TC-0104 AES-TC-0105 AES-TC-0106 AES-TC-0108 AES-TC-0110 AES-TC-0111 AES-TC-0112 AES-TC-0113 AES-TC-0114 AES-TC-0115 AES-TC-0116 AES-TC-0117 AES-TC-0118 AES-TC-0119	EXP_BUS_0001	Receive Export Declaration	The Customs Officer must be able to receive export declaration.

			AES-TC-0122			
			AES-TC-0128			
			AES-TC-0129			
			AES-TC-0130			
			AES-TC-0134			
			AES-TC-0402			
			AES-TC-0403			
			AES-TC-0404			
			AES-TC-0405			
			AES-TC-0406			
			AES-TC-0407			
			AES-TC-0408			
			AES-TC-0410			
			AES-TC-0411			
			AES-TC-0412			
			AES-TC-0413			
			AES-TC-0414			
			AES-TC-0416			
			AES-TC-0417			
			AES-TC-0418			
			AES-TC-0419			
			AES-TC-0420			
			AES-TC-0421			
			AES-TC-0422			
			AES-TC-0423			
			AES-TC-0424			
			AES-TC-0425			
			AES-TC-0426			
			AES-TC-0427			
			AES-TC-0428			
			AES-TC-0432			
			AES-TC-0433			
			AES-TC-0434			
			AES-TC-0601			
			AES-TC-0701			
			AES-TC-0703			
			AES-TC-0704			
			AES-TC-0802			
			AES-TC-0804			
			AES-TC-0805			
			AES-TC-0806			
			AES-TC-0807			
			AES-TC-0808			

			AES-TC-0809			
			AES-TC-0810			
			AES-TC-0812			
			AES-TC-0815			
			AES-TC-0816			
			AES-TC-0817			
			AES-TC-0821			
			AES-TC-0822			
			AES-TC-0823			
			AES-TC-0901			
			AES-TC-0902			
			AES-TC-0903			
			AES-TC-0904			
			AES-TC-0905			
			AES-TC-0906			
			AES-TC-0907			
			AES-TC-0908			
			AES-TC-1001			
			AES-TC-1001			
			AES-TC-1002			
			AES-TC-1002			
			AES-TC-1003			
			AES-TC-1003			
			AES-TC-1004			
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			AES-TC-1010			
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			AES-TC-1014			
			AES-TC-1015			
			AES-TC-1016			
			AES-TC-1017			
			AES-TC-1019			
			AES-TC-1020			

			AES-TC-1021 AES-TC-1022 AES-TC-1203 AES-TC-1206 AES-TC-1207 AES-TC-1208 AES-TC-1210 AES-TC-1211 AES-TC-1212 AES-TC-1213 AES-TC-1214 AES-TC-1215 AES-TC-1216 AES-TC-1217 AES-TC-1218 AES-TC-1219 AES-TC-1220 AES-TC-1402 AES-TC-1701 AES-TC-1901 AES-TC-1902 AES-TC-1903 AES-TC-1904 AES-TC-2001 AES-TC-2002 AES-TC-2003 AES-TC-2004 AES-TC-2005 AES-TC-2006 AES-TC-2007 AES-TC-2008 AES-TC-2009 AES-TC-2104 AES-TC-2105 AES-TC-2107 AES-TC-2108 AES-TC-2201 AES-TC-2202 AES-TC-2203			
				EXP_BUS_0002	Accept or Reject Export Declaration	The Customs Officer must be able to accept or reject an Export Declaration.
				EXP_BUS_0003	Control Goods at Office of Export	The Customs Officer must be able to complete the formalities concerning the control of goods

						at the Customs Office of Export.
				EXP_BUS_0004	Release or Not Release Goods for Export	The Customs Officer must be able to release or not release the goods for export, based on the control decision and control result.
				EXP_BUS_0005	Receive Amendment Request	The Customs Officer must be able to receive an amendment request to an export declaration / exit summary declaration / re-export notification.
				EXP_BUS_0006	Process Amendment Request	The Customs Officer must be able to amend the data in an export declaration / exit summary declaration / re-export notification, based on a successfully received amendment request.
				EXP_BUS_0007	Receive Supplementary Declaration	Customs Officer must be able to receive supplementary declaration and match it to the simplified declaration(s) earlier received.
				EXP_BUS_0008	Receive Request for Anticipated Export Record	The Customs Office of Export must be able to receive an Anticipated Export Record request.
				EXP_BUS_0010	Receive Data Required for Certification of Exit	The Customs Officer at the Customs Office of Export must be able to receive the Arrival at Exit Notification and the Exit Results from the Customs Office of Exit. In case of Simplified Declaration, Exit must be certified after the Supplementary Declaration is available.
				EXP_BUS_0013	Control Goods for Re-Export Notification	The Customs Officer at the Customs Office of Exit must be able to perform a risk analysis and if necessary perform controls on goods. The relevant communication with the Trader must be possible.
				EXP_BUS_0014	Handle Exit Notification	The Customs Officer at the Customs Office of Exit must be able to process the exit notification.
				EXP_BUS_0015	Release or Not Release Goods for Exit	The Customs Officer at the Customs Office of Exit must be able to release or not release the goods for exit, based on the control decision and the control result.
				EXP_BUS_0016	Process Information Query	The Requesting Customs Officer must be able to retrieve export movement data available (if any) either locally or at another Customs Office
				EXP_BUS_0017	Respond to Information Query	The Requested Customs Office must be able to respond to information queries regarding export movement data.
				EXP_BUS_0018	Control Goods for Centralised Clearance	The Customs Officer at the Presentation Customs Office must be able to complete the

ANNEX 3: REQUIREMENTS

						formalities concerning the control of goods.
				EXP_BUS_0019	Respond to Operation Status Check	The Requested Customs Officer must be able to process requests from another Customs Office about the status of an operation.
				EXP_BUS_0020	Request Operation Status Update	The Requesting Customs Officer must be able to request an update about the status of an operation from another Customs Office.
				EXP_BUS_0021	Update Operation Status	The Requesting Customs Officer must be able to update the status of an operation when an updated status is received from another Customs Office.
				EXP_BUS_0022	Manage Arrival at Exit when AER Is Available Prior to Exit Notification	The Customs Officer at the Customs Office of Exit must be able to process the arrival of goods at exit provided that an Anticipated Export Record / Split Anticipated Export Record is available before the notification for arrival at exit from the Trader.
				EXP_BUS_0024	Manage Arrival at Exit when AER Is Not Available Prior to Exit Notification	When the notification from the Trader is received before the Anticipated Export Record or Split Anticipated Export Record is available at the Customs Office of Exit, the Customs Officer at the Customs Office of Exit must be able to process the arrival of the goods and request the Anticipated Export Record from the Customs Office of Export or the Split Anticipated Export Record from the Previous Customs Office of Exit.
				EXP_BUS_0025	Control Goods at Office of Exit	The Customs Officer at the Customs Office of Exit must be able to perform documentary and/or physical controls over goods and to complete the necessary communication with other Customs Offices and the Trader.
				EXP_BUS_0026	Manage Exit Results	The Customs Officer at the Customs Office of Exit must be able to receive the Exit Notification form the Trader and to communicate the Exit Results to the Customs Office of Export.
				EXP_BUS_0027	Manage Alternative Evidence	The Customs Officer at the Customs Office of Export must be able to manage any alternative evidence about the exit of goods.
				EXP_BUS_0028	Initiate Enquiry Procedure	The Customs Officer at the Customs Office of Export must be able to initiate enquiry procedure, based on: - Customs Officer's decision, - Unavailability of exit results at the end of the time limit after release for export, or

EU Customs Functional Requirements BPM Report for Automated Export System (AES)
ANNEX 3: REQUIREMENTS

						- Request for certification of exit from the trader when exit results are still not available.
				EXP_BUS_0029	Collect Information about Movement of Goods from Trader	The Customs Officer at the Customs Office of Export must be able to collect additional information about the Movement of Goods from the Trader.
				EXP_BUS_0032	Manage Lodgement of EXS	The Customs Officer at the customs office where an Exit Summary Declaration is lodged must be able to accept and process the declaration.
				EXP_BUS_0035	Manage EXS Registration at Office of Exit	The Customs Officer at the Customs Office of Exit must be able to process a directly lodged Exit Summary Declaration or an Exit Summary Declaration forwarded by the Customs Office of Lodgement.
				EXP_BUS_0037	Control Goods (EXS)	The Customs Officer at the Customs Office of Exit must be able to perform documentary and/or physical controls over goods and to complete the necessary communication with other Customs Offices and the Trader.
				EXP_BUS_0038	Manage Invalidation of Export Declaration	The Customs Officer must be able to invalidate the export declaration when it no longer meets the requirements to be processed normally.
				EXP_BUS_0057	Manage Documentary Controls	The Customs Authorities must examine the declaration and the supporting documents - the necessary particulars in the customs declaration and the availability and content of the supporting documents.
				EXP_BUS_0062	Extend Time for Lodgement of Supplementary Declaration	The Customs Officer must be able to extend the time for Lodgement of Supplementary Declaration.
				EXP_BUS_0064	Manage Lodgement of Supplementary Customs Declaration for AES	The Customs Officer must be able to accept or reject a Supplementary Customs Declaration.
				EXP_BUS_0065	Manage Lodgement of Re-Export Notification	The Customs Officer at the customs office of Exit must be able to accept (and process) or reject the re-export notification.
				EXP_BUS_0066	Manage Additional Information about Movement Provided by Trader	The Customs Officer at the Customs Office of Export must be able to accept or reject Additional Information about Movement provided by the Trader.
				EXP_BUS_0067	Manage Invalidation of EXS/REN	The Customs Officer must be able to invalidate the EXS/REN when it no longer meets the requirements to be processed normally.
				EXP_BUS_0068	Manage Arrival at Exit when EXS Is	The Customs Officer at the Customs Office of

ANNEX 3: REQUIREMENTS

					Available Prior to Exit Notification	Exit must be able to process the arrival of goods at exit provided that an Exit Summary Declaration is available before the notification for arrival at exit from the Trader.
				EXP_BUS_0069	Manage Arrival at Exit when EXS Is Not Available Prior to Exit Notification	When the notification from the Trader is received before the Exit Summary Declaration is available at the Customs Office of Exit, the Customs Officer at the Customs Office of Exit must be able to process the arrival of the goods and request the Exit Summary Declaration from the Customs Office of Lodgement.
				EXP_BUS_0071	Manage SCO Decision on Controls or Release	The Customs Authorities must acknowledge the SCO Decision on whether to proceed with release rejection or recommend pre-release or recommend controls.
				EXP_BUS_0075	Decide whether to control the goods or not	The Customs Officer at the Customs Office of Exit must be able to decide whether to control the goods or not based on the results of the Risk Analysis.
				EXP_BUS_0078	Manage Content of Arrival at Exit	The Customs Authorities at the Customs Office of Exit must examine the content of the Arrival at Exit notification, so as, in case of a valid information, to proceed with the decision to perform or not the controls at the Customs Office of Exit.
				EXP_BUS_0080	Manage Transit Notification	The Customs Office of Exit must be able to accept, reject or process the Transit Notification.
				EXP_BUS_0081	Manage Transit Notification Amendment Request	The Customs Office of Exit must be able to accept, reject or process the Transit Notification Amendment Request.
AES_FUR_0003	Accept Export Declaration	The AES of the Customs Office of Export must accept a customs declaration.	AES-TC-0101 AES-TC-0103 AES-TC-0116	EXP_BUS_0002	Accept or Reject Export Declaration	The Customs Officer must be able to accept or reject an Export Declaration.
AES_FUR_0004	Present Information/Data to the Customs Officer	The AES must present data to the customs officer.	AES-TC-0704 AES-TC-0705 AES-TC-1002 AES-TC-1005 AES-TC-1007 AES-TC-1014 AES-TC-1022 AES-TC-1205 AES-TC-1206 AES-TC-1207	EXP_BUS_0016	Process Information Query	The Requesting Customs Officer must be able to retrieve export movement data available (if any) either locally or at another Customs Office

ANNEX 3: REQUIREMENTS

			AES-TC-1212 AES-TC-1215 AES-TC-1216 AES-TC-0811 AES-TC-0816 AES-TC-1901 AES-TC-1903			
				EXP_BUS_0028	Initiate Enquiry Procedure	The Customs Officer at the Customs Office of Export must be able to initiate enquiry procedure, based on: - Customs Officer's decision, - Unavailability of exit results at the end of the time limit after release for export, or - Request for certification of exit from the trader when exit results are still not available.
				EXP_BUS_0038	Manage Invalidation of Export Declaration	The Customs Officer must be able to invalidate the export declaration when it no longer meets the requirements to be processed normally.
AES_FUR_0005	Calculate Expiry Date to Certify Exit	The AES of the Customs Office of Exit must calculate the expiry date to certify the exit.	AES-TC-0102 AES-TC-0108 AES-TC-0113 AES-TC-0115 AES-TC-0117 AES-TC-0119 AES-TC-0129 AES-TC-0501 AES-TC-0502 AES-TC-0503 AES-TC-0504 AES-TC-0505 AES-TC-0506 AES-TC-0507 AES-TC-0508	EXP_BUS_0004	Release or Not Release Goods for Export	The Customs Officer must be able to release or not release the goods for export, based on the control decision and control result.
AES_FUR_0006	Calculate Expiry Date to Lodge Supplementary Declaration	The AES of the Customs Office of Export must calculate the expiry date to receive the supplementary customs declaration.	AES-TC-0117 AES-TC-0119	EXP_BUS_0004	Release or Not Release Goods for Export	The Customs Officer must be able to release or not release the goods for export, based on the control decision and control result.
AES_FUR_0007	Calculate Expiry Date to Receive Exit Results	The AES of the Customs Office of Export must calculate the expiry date of the	AES-TC-0102 AES-TC-0108 AES-TC-0113	EXP_BUS_0004	Release or Not Release Goods for Export	The Customs Officer must be able to release or not release the goods for export, based on the control decision and control result.

		time limit to receive the exit results of the goods.	AES-TC-0115 AES-TC-0117 AES-TC-0119 AES-TC-0129 AES-TC-0501 AES-TC-0502 AES-TC-0503 AES-TC-0504 AES-TC-0505 AES-TC-0506 AES-TC-0507 AES-TC-0508			
AES_FUR_0008	Check Validity of Declared Authorisations	The AES must check the validity of declared authorisations in the Customs Decisions System.	AES-TC-0405 AES-TC-0427 AES-TC-0428 AES-TC-0432 AES-TC-0116 AES-TC-0121	EXP_BUS_0002	Accept or Reject Export Declaration	The Customs Officer must be able to accept or reject an Export Declaration.
AES_FUR_0009	Cross-Check e-AD and Export Declaration	The AES of the Customs Office of Export must cross-check the e-AD against the export declaration.		EXP_BUS_0002	Accept or Reject Export Declaration	The Customs Officer must be able to accept or reject an Export Declaration.
				EXP_BUS_0006	Process Amendment Request	The Customs Officer must be able to amend the data in an export declaration / exit summary declaration / re-export notification, based on a successfully received amendment request.
AES_FUR_0010	Do Not Release Goods for Export	The AES of the Customs Office of Export must not release the goods for export, based on the decision of the customs officer.	AES-TC-0122 AES-TC-0510 AES-TC-0511 AES-TC-0512 AES-TC-0513	EXP_BUS_0003	Control Goods at Office of Export	The Customs Officer must be able to complete the formalities concerning the control of goods at the Customs Office of Export.
				EXP_BUS_0004	Release or Not Release Goods for Export	The Customs Officer must be able to release or not release the goods for export, based on the control decision and control result.
AES_FUR_0011	Generate MRN	The AES must generate a unique Master Reference Number, based on a recorded Export Declaration, Exit	AES-TC-0101 AES-TC-0103 AES-TC-0116 AES-TC-0801	EXP_BUS_0002	Accept or Reject Export Declaration	The Customs Officer must be able to accept or reject an Export Declaration.

		Summary Declaration or Re-Export Notification.	AES-TC-0821 AES-TC-1001 AES-TC-1402 AES-TC-1701			
				EXP_BUS_0032	Manage Lodgement of EXS	The Customs Officer at the customs office where an Exit Summary Declaration is lodged must be able to accept and process the declaration.
				EXP_BUS_0035	Manage EXS Registration at Office of Exit	The Customs Officer at the Customs Office of Exit must be able to process a directly lodged Exit Summary Declaration or an Exit Summary Declaration forwarded by the Customs Office of Lodgement.
				EXP_BUS_0065	Manage Lodgement of Re-Export Notification	The Customs Officer at the customs office of Exit must be able to accept (and process) or reject the re-export notification.
AES_FUR_0012	Identify Declaration Type	The AES of the Customs Office of Export must identify the declaration type, more specifically whether it concerns a standard or simplified declaration.	AES-TC-0108 AES-TC-0116 AES-TC-0117 AES-TC-0119 AES-TC-0121 AES-TC-0129	EXP_BUS_0002	Accept or Reject Export Declaration	The Customs Officer must be able to accept or reject an Export Declaration.
				EXP_BUS_0004	Release or Not Release Goods for Export	The Customs Officer must be able to release or not release the goods for export, based on the control decision and control result.
AES_FUR_0013	Identify Declared Customs Office of Exit	AES identifies whether the Customs Office of Exit is in the same or another Member State as the Customs Office of Export.	AES-TC-0122 AES-TC-0129 AES-TC-0501 AES-TC-0502 AES-TC-0503 AES-TC-0504 AES-TC-0505 AES-TC-0506 AES-TC-0507 AES-TC-0508 AES-TC-0102 AES-TC-0108 AES-TC-0117 AES-TC-0119	EXP_BUS_0004	Release or Not Release Goods for Export	The Customs Officer must be able to release or not release the goods for export, based on the control decision and control result.
AES_FUR_0014	Identify if Declaration Concerns Centralised Clearance	The AES of the Customs Office of Export must identify	AES-TC-0002 AES-TC-0005 AES-TC-0102	EXP_BUS_0003	Control Goods at Office of Export	The Customs Officer must be able to complete the formalities concerning the control of goods at the Customs Office of Export.

		if the declaration is a centralised clearance declaration.	AES-TC-0108 AES-TC-0112 AES-TC-0113 AES-TC-0115 AES-TC-0117 AES-TC-0119 AES-TC-0129 AES-TC-0501 AES-TC-0502 AES-TC-0503 AES-TC-0504 AES-TC-0505 AES-TC-0506 AES-TC-0507 AES-TC-0508 AES-TC-0510 AES-TC-0511 AES-TC-0512 AES-TC-0513 AES-TC-1101 AES-TC-1102 AES-TC-1103 AES-TC-1104 AES-TC-1105 AES-TC-1106 AES-TC-1107 AES-TC-1108 AES-TC-1109 AES-TC-1110 AES-TC-1111 AES-TC-1113 AES-TC-1114 AES-TC-1116 AES-TC-1117 AES-TC-1118 AES-TC-1119 AES-TC-1120			
				EXP_BUS_0004	Release or Not Release Goods for Export	The Customs Officer must be able to release or not release the goods for export, based on the control decision and control result.
				EXP_BUS_0011	Complete Certification of Exit Formalities	The Customs Officer at the Customs Office of Export must be able to certify the exit of the goods and to communicate the certification of

						exit to the required other customs offices and to the trader.
				EXP_BUS_0015	Release or Not Release Goods for Exit	The Customs Officer at the Customs Office of Exit must be able to release or not release the goods for exit, based on the control decision and the control result.
				EXP_BUS_0018	Control Goods for Centralised Clearance	The Customs Officer at the Presentation Customs Office must be able to complete the formalities concerning the control of goods.
				EXP_BUS_0038	Manage Invalidation of Export Declaration	The Customs Officer must be able to invalidate the export declaration when it no longer meets the requirements to be processed normally.
AES_FUR_0015	Identify if Result of Control Is Positive or Negative	The AES must identify whether the control result is positive or negative.	AES-TC-0113 AES-TC-0114 AES-TC-0115	EXP_BUS_0003	Control Goods at Office of Export	The Customs Officer must be able to complete the formalities concerning the control of goods at the Customs Office of Export.
				EXP_BUS_0011	Complete Certification of Exit Formalities	The Customs Officer at the Customs Office of Export must be able to certify the exit of the goods and to communicate the certification of exit to the required other customs offices and to the trader.
				EXP_BUS_0018	Control Goods for Centralised Clearance	The Customs Officer at the Presentation Customs Office must be able to complete the formalities concerning the control of goods.
AES_FUR_0017	Identify the Release Decision	The AES must identify whether or not goods are to be released for export on the basis of what is registered by the customs officer.	AES-TC-0122	EXP_BUS_0003	Control Goods at Office of Export	The Customs Officer must be able to complete the formalities concerning the control of goods at the Customs Office of Export.
				EXP_BUS_0004	Release or Not Release Goods for Export	The Customs Officer must be able to release or not release the goods for export, based on the control decision and control result.
				EXP_BUS_0018	Control Goods for Centralised Clearance	The Customs Officer at the Presentation Customs Office must be able to complete the formalities concerning the control of goods.
AES_FUR_0018	Identify whether Declaration Contains ARC	The AES of the Customs Office of Export must identify if the declaration contains an ARC.	AES-TC-0116 AES-TC-0117 AES-TC-0119 AES-TC-0122 AES-TC-0501 AES-TC-0502 AES-TC-0503 AES-TC-0504	EXP_BUS_0002	Accept or Reject Export Declaration	The Customs Officer must be able to accept or reject an Export Declaration.

			AES-TC-0505 AES-TC-0506 AES-TC-0507 AES-TC-0508 AES-TC-0510 AES-TC-0511 AES-TC-0512 AES-TC-0513 AES-TC-1206 AES-TC-1207 AES-TC-1210 AES-TC-1211 AES-TC-1213 AES-TC-1214 AES-TC-1215 AES-TC-1216 AES-TC-1217 AES-TC-1218 AES-TC-1219 AES-TC-1220			
				EXP_BUS_0004	Release or Not Release Goods for Export	The Customs Officer must be able to release or not release the goods for export, based on the control decision and control result.
				EXP_BUS_0006	Process Amendment Request	The Customs Officer must be able to amend the data in an export declaration / exit summary declaration / re-export notification, based on a successfully received amendment request.
				EXP_BUS_0011	Complete Certification of Exit Formalities	The Customs Officer at the Customs Office of Export must be able to certify the exit of the goods and to communicate the certification of exit to the required other customs offices and to the trader.
				EXP_BUS_0015	Release or Not Release Goods for Exit	The Customs Officer at the Customs Office of Exit must be able to release or not release the goods for exit, based on the control decision and the control result.
				EXP_BUS_0038	Manage Invalidation of Export Declaration	The Customs Officer must be able to invalidate the export declaration when it no longer meets the requirements to be processed normally.
AES_FUR_0019	Request and Record Risk Analysis	The AES must trigger a risk analysis, which is performed outside	AES-TC-0101 AES-TC-0116	EXP_BUS_0002	Accept or Reject Export Declaration	The Customs Officer must be able to accept or reject an Export Declaration.

ANNEX 3: REQUIREMENTS

		the system. Only the result is stored in the AES. This could require an interface with the national risk systems.	AES-TC-0402 AES-TC-0406 AES-TC-0413 AES-TC-0416 AES-TC-0420 AES-TC-0424 AES-TC-0432 AES-TC-0901 AES-TC-0902 AES-TC-0903 AES-TC-0904 AES-TC-1001			
				EXP_BUS_0006	Process Amendment Request	The Customs Officer must be able to amend the data in an export declaration / exit summary declaration / re-export notification, based on a successfully received amendment request.
				EXP_BUS_0013	Control Goods for Re-Export Notification	The Customs Officer at the Customs Office of Exit must be able to perform a risk analysis and if necessary perform controls on goods. The relevant communication with the Trader must be possible.
				EXP_BUS_0018	Control Goods for Centralised Clearance	The Customs Officer at the Presentation Customs Office must be able to complete the formalities concerning the control of goods.
				EXP_BUS_0025	Control Goods at Office of Exit	The Customs Officer at the Customs Office of Exit must be able to perform documentary and/or physical controls over goods and to complete the necessary communication with other Customs Offices and the Trader.
AES_FUR_0020	Register Data	The Customs Officer must be able to register data in the AES.	AES-TC-0102 AES-TC-0104 AES-TC-0105 AES-TC-0106 AES-TC-0108 AES-TC-0110 AES-TC-0112 AES-TC-0117 AES-TC-0119 AES-TC-0122 AES-TC-0128 AES-TC-0129 AES-TC-0130	EXP_BUS_0002	Accept or Reject Export Declaration	The Customs Officer must be able to accept or reject an Export Declaration.

			AES-TC-0134 AES-TC-0403 AES-TC-0407 AES-TC-0412 AES-TC-0416 AES-TC-0417 AES-TC-0418 AES-TC-0419 AES-TC-0421 AES-TC-0427 AES-TC-0433 AES-TC-0601 AES-TC-0901 AES-TC-0902 AES-TC-0903 AES-TC-0904 AES-TC-0905 AES-TC-0906 AES-TC-0907 AES-TC-0908 AES-TC-1001 AES-TC-1002 AES-TC-1003 AES-TC-1008 AES-TC-1009 AES-TC-1011 AES-TC-1012 AES-TC-1013 AES-TC-1014 AES-TC-1016 AES-TC-1017 AES-TC-1020 AES-TC-1022 AES-TC-1202 AES-TC-1203 AES-TC-1206 AES-TC-1207 AES-TC-1208 AES-TC-1210 AES-TC-1211 AES-TC-1212 AES-TC-1213 AES-TC-1214			
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			AES-TC-1215 AES-TC-1216 AES-TC-1217 AES-TC-1218 AES-TC-1219 AES-TC-1220 AES-TC-0802 AES-TC-0806 AES-TC-0807 AES-TC-0808 AES-TC-0809 AES-TC-0812 AES-TC-0813 AES-TC-0815 AES-TC-0817 AES-TC-1002 AES-TC-1004 AES-TC-1005 AES-TC-1006 AES-TC-1009 AES-TC-1010 AES-TC-1901 AES-TC-1902 AES-TC-2001			
				EXP_BUS_0003	Control Goods at Office of Export	The Customs Officer must be able to complete the formalities concerning the control of goods at the Customs Office of Export.
				EXP_BUS_0013	Control Goods for Re-Export Notification	The Customs Officer at the Customs Office of Exit must be able to perform a risk analysis and if necessary perform controls on goods. The relevant communication with the Trader must be possible.
				EXP_BUS_0014	Handle Exit Notification	The Customs Officer at the Customs Office of Exit must be able to process the exit notification.
				EXP_BUS_0016	Process Information Query	The Requesting Customs Officer must be able to retrieve export movement data available (if any) either locally or at another Customs Office
				EXP_BUS_0018	Control Goods for Centralised Clearance	The Customs Officer at the Presentation Customs Office must be able to complete the formalities concerning the control of goods.

				EXP_BUS_0020	Request Operation Status Update	The Requesting Customs Officer must be able to request an update about the status of an operation from another Customs Office.
				EXP_BUS_0025	Control Goods at Office of Exit	The Customs Officer at the Customs Office of Exit must be able to perform documentary and/or physical controls over goods and to complete the necessary communication with other Customs Offices and the Trader.
				EXP_BUS_0027	Manage Alternative Evidence	The Customs Officer at the Customs Office of Export must be able to manage any alternative evidence about the exit of goods.
				EXP_BUS_0028	Initiate Enquiry Procedure	The Customs Officer at the Customs Office of Export must be able to initiate enquiry procedure, based on: <ul style="list-style-type: none"> - Customs Officer's decision, - Unavailability of exit results at the end of the time limit after release for export, or - Request for certification of exit from the trader when exit results are still not available.
				EXP_BUS_0029	Collect Information about Movement of Goods from Trader	The Customs Officer at the Customs Office of Export must be able to collect additional information about the Movement of Goods from the Trader.
				EXP_BUS_0037	Control Goods (EXS)	The Customs Officer at the Customs Office of Exit must be able to perform documentary and/or physical controls over goods and to complete the necessary communication with other Customs Offices and the Trader.
				EXP_BUS_0038	Manage Invalidation of Export Declaration	The Customs Officer must be able to invalidate the export declaration when it no longer meets the requirements to be processed normally.
				EXP_BUS_0057	Manage Documentary Controls	The Customs Authorities must examine the declaration and the supporting documents - the necessary particulars in the customs declaration and the availability and content of the supporting documents.
				EXP_BUS_0075	Decide whether to control the goods or not	The Customs Officer at the Customs Office of Exit must be able to decide whether to control the goods or not based on the results of the Risk Analysis.
				EXP_BUS_0078	Manage Content of Arrival at Exit	The Customs Authorities at the Customs Office of Exit must examine the content of the Arrival at Exit notification, so as, in case of a valid information, to proceed with the decision to perform or not the controls at the Customs Office of Exit.

ANNEX 3: REQUIREMENTS

AES_FUR_0021	Release Goods for Export	The AES of the Customs Office of Export must release the goods for export, based on the decision of the customs officer.	AES-TC-0117 AES-TC-0119 AES-TC-0501 AES-TC-0502 AES-TC-0503 AES-TC-0504 AES-TC-0505 AES-TC-0506 AES-TC-0507 AES-TC-0508	EXP_BUS_0004	Release or Not Release Goods for Export	The Customs Officer must be able to release or not release the goods for export, based on the control decision and control result.
AES_FUR_0022	Send IE to Customs Office	The AES must send IEs over the common domain to other customs offices.	AES-TC-0102 AES-TC-0103 AES-TC-0108 AES-TC-0112 AES-TC-0113 AES-TC-0115 AES-TC-0117 AES-TC-0119 AES-TC-0122 AES-TC-0129 AES-TC-0402 AES-TC-0404 AES-TC-0405 AES-TC-0406 AES-TC-0408 AES-TC-0410 AES-TC-0411 AES-TC-0412 AES-TC-0413 AES-TC-0414 AES-TC-0419 AES-TC-0420 AES-TC-0423 AES-TC-0432 AES-TC-0433 AES-TC-0434 AES-TC-0501 AES-TC-0502 AES-TC-0503 AES-TC-0504 AES-TC-0505 AES-TC-0506	EXP_BUS_0002	Accept or Reject Export Declaration	The Customs Officer must be able to accept or reject an Export Declaration.

			AES-TC-0507 AES-TC-0508 AES-TC-0509 AES-TC-0510 AES-TC-0511 AES-TC-0512 AES-TC-0810 AES-TC-0811 AES-TC-0813 AES-TC-0815 AES-TC-0821 AES-TC-1004 AES-TC-1006 AES-TC-1010 AES-TC-1012 AES-TC-1016 AES-TC-1017 AES-TC-1207 AES-TC-1211 AES-TC-1213 AES-TC-1214 AES-TC-1216 AES-TC-1218 AES-TC-1219 AES-TC-1220 AES-TC-1902 AES-TC-1904 AES-TC-2001 AES-TC-2005 AES-TC-2006 AES-TC-2007 AES-TC-2009 AES-TC-2101 AES-TC-2102 AES-TC-2108 AES-TC-2201 AES-TC-2202			
				EXP_BUS_0003	Control Goods at Office of Export	The Customs Officer must be able to complete the formalities concerning the control of goods at the Customs Office of Export.
				EXP_BUS_0004	Release or Not Release Goods for Export	The Customs Officer must be able to release or not release the goods for export, based on

ANNEX 3: REQUIREMENTS

						the control decision and control result.
				EXP_BUS_0006	Process Amendment Request	The Customs Officer must be able to amend the data in an export declaration / exit summary declaration / re-export notification, based on a successfully received amendment request.
				EXP_BUS_0008	Receive Request for Anticipated Export Record	The Customs Office of Export must be able to receive an Anticipated Export Record request.
				EXP_BUS_0009	Forward Anticipated Export Record	The Customs Office of Export must be able to send/forward an Anticipated Export Record to: - the Declared Customs Office of Exit when the Anticipated Export Record has not been received properly, or - to the Actual Customs Office of Exit, when there was a diversion.
				EXP_BUS_0011	Complete Certification of Exit Formalities	The Customs Officer at the Customs Office of Export must be able to certify the exit of the goods and to communicate the certification of exit to the required other customs offices and to the trader.
				EXP_BUS_0014	Handle Exit Notification	The Customs Officer at the Customs Office of Exit must be able to process the exit notification.
				EXP_BUS_0015	Release or Not Release Goods for Exit	The Customs Officer at the Customs Office of Exit must be able to release or not release the goods for exit, based on the control decision and the control result.
				EXP_BUS_0016	Process Information Query	The Requesting Customs Officer must be able to retrieve export movement data available (if any) either locally or at another Customs Office
				EXP_BUS_0017	Respond to Information Query	The Requested Customs Office must be able to respond to information queries regarding export movement data.
				EXP_BUS_0018	Control Goods for Centralised Clearance	The Customs Officer at the Presentation Customs Office must be able to complete the formalities concerning the control of goods.
				EXP_BUS_0019	Respond to Operation Status Check	The Requested Customs Officer must be able to process requests from another Customs Office about the status of an operation.
				EXP_BUS_0020	Request Operation Status Update	The Requesting Customs Officer must be able to request an update about the status of an operation from another Customs Office.
				EXP_BUS_0024	Manage Arrival at Exit when AER Is Not Available Prior to Exit Notification	When the notification from the Trader is received before the Anticipated Export Record or Split Anticipated Export Record is available

ANNEX 3: REQUIREMENTS

						at the Customs Office of Exit, the Customs Officer at the Customs Office of Exit must be able to process the arrival of the goods and request the Anticipated Export Record from the Customs Office of Export or the Split Anticipated Export Record from the Previous Customs Office of Exit.
				EXP_BUS_0026	Manage Exit Results	The Customs Officer at the Customs Office of Exit must be able to receive the Exit Notification form the Trader and to communicate the Exit Results to the Customs Office of Export.
				EXP_BUS_0027	Manage Alternative Evidence	The Customs Officer at the Customs Office of Export must be able to manage any alternative evidence about the exit of goods.
				EXP_BUS_0032	Manage Lodgement of EXS	The Customs Officer at the customs office where an Exit Summary Declaration is lodged must be able to accept and process the declaration.
				EXP_BUS_0037	Control Goods (EXS)	The Customs Officer at the Customs Office of Exit must be able to perform documentary and/or physical controls over goods and to complete the necessary communication with other Customs Offices and the Trader.
				EXP_BUS_0038	Manage Invalidation of Export Declaration	The Customs Officer must be able to invalidate the export declaration when it no longer meets the requirements to be processed normally.
				EXP_BUS_0054	Manage Customs Declaration at SCO after Exit of the Goods	The Supervising Customs Office must forward the complete export declaration to the Presentation Customs Office.
				EXP_BUS_0063	Notify about Matched Declaration Data	The Customs Officer at the Customs Office of Exit must be able to notify the Presentation Customs Office about the reconciled data of Simplified and Supplementary declarations.
				EXP_BUS_0071	Manage SCO Decision on Controls or Release	The Customs Authorities must acknowledge the SCO Decision on whether to proceed with release rejection or recommend pre-release or recommend controls.
				EXP_BUS_0072	Request Exit Summary Declaration Data	The Customs Office of Exit must be able to request data regarding the Exit Summary Declaration from the Customs Office of Lodgement.
				EXP_BUS_0073	Respond to Request Exit Summary Declaration Data	The Customs Office of Lodgement must be able to respond either positively or negatively to the Request for Exit Summary Declaration Data from Customs Office of Exit.

				EXP_BUS_0080	Manage Transit Notification	The Customs Office of Exit must be able to accept, reject or process the Transit Notification.
				EXP_BUS_0081	Manage Transit Notification Amendment Request	The Customs Office of Exit must be able to accept, reject or process the Transit Notification Amendment Request.
AES_FUR_0023	Send IE to Trader	The AES must send IEs to the Trader.	AES-TC-0002 AES-TC-0005 AES-TC-0101 AES-TC-0102 AES-TC-0103 AES-TC-0106 AES-TC-0108 AES-TC-0110 AES-TC-0112 AES-TC-0113 AES-TC-0115 AES-TC-0116 AES-TC-0117 AES-TC-0119 AES-TC-0120 AES-TC-0121 AES-TC-0122 AES-TC-0123 AES-TC-0129 AES-TC-0302 AES-TC-0303 AES-TC-0402 AES-TC-0403 AES-TC-0407 AES-TC-0408 AES-TC-0409 AES-TC-0417 AES-TC-0418 AES-TC-0421 AES-TC-0427 AES-TC-0428 AES-TC-0430 AES-TC-0431 AES-TC-0433 AES-TC-0435 AES-TC-0501 AES-TC-0502	EXP_BUS_0002	Accept or Reject Export Declaration	The Customs Officer must be able to accept or reject an Export Declaration.

			AES-TC-0503			
			AES-TC-0504			
			AES-TC-0505			
			AES-TC-0506			
			AES-TC-0507			
			AES-TC-0508			
			AES-TC-0510			
			AES-TC-0511			
			AES-TC-0512			
			AES-TC-0513			
			AES-TC-0601			
			AES-TC-0702			
			AES-TC-0703			
			AES-TC-0705			
			AES-TC-0801			
			AES-TC-0804			
			AES-TC-0805			
			AES-TC-0808			
			AES-TC-0813			
			AES-TC-0814			
			AES-TC-0817			
			AES-TC-0818			
			AES-TC-0819			
			AES-TC-0821			
			AES-TC-0822			
			AES-TC-0823			
			AES-TC-0901			
			AES-TC-0902			
			AES-TC-1001			
			AES-TC-1003			
			AES-TC-1003			
			AES-TC-1004			
			AES-TC-1005			
			AES-TC-1006			
			AES-TC-1007			
			AES-TC-1008			
			AES-TC-1008			
			AES-TC-1009			
			AES-TC-1010			
			AES-TC-1012			
			AES-TC-1013			
			AES-TC-1020			
			AES-TC-1101			

			AES-TC-1102 AES-TC-1103 AES-TC-1104 AES-TC-1105 AES-TC-1106 AES-TC-1107 AES-TC-1108 AES-TC-1109 AES-TC-1110 AES-TC-1111 AES-TC-1113 AES-TC-1114 AES-TC-1116 AES-TC-1117 AES-TC-1118 AES-TC-1119 AES-TC-1120 AES-TC-1206 AES-TC-1207 AES-TC-1208 AES-TC-1210 AES-TC-1211 AES-TC-1213 AES-TC-1214 AES-TC-1215 AES-TC-1216 AES-TC-1217 AES-TC-1218 AES-TC-1219 AES-TC-1220 AES-TC-1401 AES-TC-1402 AES-TC-1502 AES-TC-1503 AES-TC-1701 AES-TC-1702 AES-TC-1802 AES-TC-1803 AES-TC-2105 AES-TC-2106			
				EXP_BUS_0003	Control Goods at Office of Export	The Customs Officer must be able to complete the formalities concerning the control of goods

ANNEX 3: REQUIREMENTS

						at the Customs Office of Export.
				EXP_BUS_0004	Release or Not Release Goods for Export	The Customs Officer must be able to release or not release the goods for export, based on the control decision and control result.
				EXP_BUS_0005	Receive Amendment Request	The Customs Officer must be able to receive an amendment request to an export declaration / exit summary declaration / re-export notification.
				EXP_BUS_0006	Process Amendment Request	The Customs Officer must be able to amend the data in an export declaration / exit summary declaration / re-export notification, based on a successfully received amendment request.
				EXP_BUS_0011	Complete Certification of Exit Formalities	The Customs Officer at the Customs Office of Export must be able to certify the exit of the goods and to communicate the certification of exit to the required other customs offices and to the trader.
				EXP_BUS_0013	Control Goods for Re-Export Notification	The Customs Officer at the Customs Office of Exit must be able to perform a risk analysis and if necessary perform controls on goods. The relevant communication with the Trader must be possible.
				EXP_BUS_0014	Handle Exit Notification	The Customs Officer at the Customs Office of Exit must be able to process the exit notification.
				EXP_BUS_0015	Release or Not Release Goods for Exit	The Customs Officer at the Customs Office of Exit must be able to release or not release the goods for exit, based on the control decision and the control result.
				EXP_BUS_0024	Manage Arrival at Exit when AER Is Not Available Prior to Exit Notification	When the notification from the Trader is received before the Anticipated Export Record or Split Anticipated Export Record is available at the Customs Office of Exit, the Customs Officer at the Customs Office of Exit must be able to process the arrival of the goods and request the Anticipated Export Record from the Customs Office of Export or the Split Anticipated Export Record from the Previous Customs Office of Exit.
				EXP_BUS_0025	Control Goods at Office of Exit	The Customs Officer at the Customs Office of Exit must be able to perform documentary and/or physical controls over goods and to complete the necessary communication with other Customs Offices and the Trader.
				EXP_BUS_0026	Manage Exit Results	The Customs Officer at the Customs Office of

						Exit must be able to receive the Exit Notification form the Trader and to communicate the Exit Results to the Customs Office of Export.
				EXP_BUS_0027	Manage Alternative Evidence	The Customs Officer at the Customs Office of Export must be able to manage any alternative evidence about the exit of goods.
				EXP_BUS_0028	Initiate Enquiry Procedure	The Customs Officer at the Customs Office of Export must be able to initiate enquiry procedure, based on: <ul style="list-style-type: none"> - Customs Officer's decision, - Unavailability of exit results at the end of the time limit after release for export, or - Request for certification of exit from the trader when exit results are still not available.
				EXP_BUS_0029	Collect Information about Movement of Goods from Trader	The Customs Officer at the Customs Office of Export must be able to collect additional information about the Movement of Goods from the Trader.
				EXP_BUS_0032	Manage Lodgement of EXS	The Customs Officer at the customs office where an Exit Summary Declaration is lodged must be able to accept and process the declaration.
				EXP_BUS_0035	Manage EXS Registration at Office of Exit	The Customs Officer at the Customs Office of Exit must be able to process a directly lodged Exit Summary Declaration or an Exit Summary Declaration forwarded by the Customs Office of Lodgement.
				EXP_BUS_0037	Control Goods (EXS)	The Customs Officer at the Customs Office of Exit must be able to perform documentary and/or physical controls over goods and to complete the necessary communication with other Customs Offices and the Trader.
				EXP_BUS_0038	Manage Invalidation of Export Declaration	The Customs Officer must be able to invalidate the export declaration when it no longer meets the requirements to be processed normally.
				EXP_BUS_0057	Manage Documentary Controls	The Customs Authorities must examine the declaration and the supporting documents - the necessary particulars in the customs declaration and the availability and content of the supporting documents.
				EXP_BUS_0062	Extend Time for Lodgement of Supplementary Declaration	The Customs Officer must be able to extend the time for Lodgement of Supplementary Declaration.
				EXP_BUS_0064	Manage Lodgement of Supplementary	The Customs Officer must be able to accept or

EU Customs Functional Requirements BPM Report for Automated Export System (AES)						
ANNEX 3: REQUIREMENTS						

					Customs Declaration for AES	reject a Supplementary Customs Declaration.
				EXP_BUS_0065	Manage Lodgement of Re-Export Notification	The Customs Officer at the customs office of Exit must be able to accept (and process) or reject the re-export notification.
				EXP_BUS_0066	Manage Additional Information about Movement Provided by Trader	The Customs Officer at the Customs Office of Export must be able to accept or reject Additional Information about Movement provided by the Trader.
				EXP_BUS_0067	Manage Invalidation of EXS/REN	The Customs Officer must be able to invalidate the EXS/REN when it no longer meets the requirements to be processed normally.
				EXP_BUS_0069	Manage Arrival at Exit when EXS Is Not Available Prior to Exit Notification	When the notification from the Trader is received before the Exit Summary Declaration is available at the Customs Office of Exit, the Customs Officer at the Customs Office of Exit must be able to process the arrival of the goods and request the Exit Summary Declaration from the Customs Office of Lodgement.
				EXP_BUS_0076	Inform the Declarant/Representative of intention to control	The Customs Authorities at the Supervising Customs Office must inform the Declarant/Representative on the intention to control the goods. This comes from the decision that Presentation Customs Office has sent to the Supervising Customs Office.
				EXP_BUS_0078	Manage Content of Arrival at Exit	The Customs Authorities at the Customs Office of Exit must examine the content of the Arrival at Exit notification, so as, in case of a valid information, to proceed with the decision to perform or not the controls at the Customs Office of Exit.
				EXP_BUS_0082	Reject Customs Declaration lodged prior to the Presentation of the Goods	The Customs Authorities at the Customs Office of Export must reject the pre-lodged Export Declaration as no Presentation Notification has arrived and the timer to receive the Export Presentation Notification has expired.
AES_FUR_0024	Stop Timer to Lodge Supplementary Customs Declaration	The AES must stop the timer to receive the supplementary customs declaration.	AES-TC-0701 AES-TC-0704 AES-TC-0118	EXP_BUS_0007	Receive Supplementary Declaration	Customs Officer must be able to receive supplementary declaration and match it to the simplified declaration(s) earlier received.
				EXP_BUS_0064	Manage Lodgement of Supplementary Customs Declaration for AES	The Customs Officer must be able to accept or reject a Supplementary Customs Declaration.
AES_FUR_0026	Amend Export Declaration	The AES of the Customs Office of Export must amend	AES-TC-1502 AES-TC-1802 AES-TC-0302	EXP_BUS_0006	Process Amendment Request	The Customs Officer must be able to amend the data in an export declaration / exit summary declaration / re-export notification,

EU Customs Functional Requirements BPM Report for Automated Export System (AES)						
ANNEX 3: REQUIREMENTS						

		the export declaration, based on the received amendment request.				based on a successfully received amendment request.
AES_FUR_0027	Identify if Declaration Data is Available	The AES of the Customs Office of Export must check if it has stored declaration data based on the Anticipated Export Record.	AES-TC-2101 AES-TC-2102	EXP_BUS_0008	Receive Request for Anticipated Export Record	The Customs Office of Export must be able to receive an Anticipated Export Record request.
AES_FUR_0028	Identify Status of Goods	The AES of the Customs Office of Exit must identify the status of the goods.	AES-TC-2101 AES-TC-2102 AES-TC-0425 AES-TC-0434	EXP_BUS_0008	Receive Request for Anticipated Export Record	The Customs Office of Export must be able to receive an Anticipated Export Record request.
				EXP_BUS_0038	Manage Invalidation of Export Declaration	The Customs Officer must be able to invalidate the export declaration when it no longer meets the requirements to be processed normally.
AES_FUR_0030	Identify If AER Data is Available	The AES of the Customs Office of Exit must check if it has received AER data based on the response on the AER request.	AES-TC-0406 AES-TC-2104 AES-TC-2105	EXP_BUS_0024	Manage Arrival at Exit when AER Is Not Available Prior to Exit Notification	When the notification from the Trader is received before the Anticipated Export Record or Split Anticipated Export Record is available at the Customs Office of Exit, the Customs Officer at the Customs Office of Exit must be able to process the arrival of the goods and request the Anticipated Export Record from the Customs Office of Export or the Split Anticipated Export Record from the Previous Customs Office of Exit.
AES_FUR_0031	Make Available Information for Other Systems	AES must make available all the information that should be provided to other authorities, e.g. statistical information.		EXP_BUS_0049	Fulfil Information Obligations Concerning other Authorities	The Presentation Customs Office must be able to fulfil its information obligations concerning other authorities, e.g. statistical information.
AES_FUR_0033	Identify if Goods Can Be Released for Exit	The AES of the Customs Office of Exit must identify if the goods must be released for exit, based on what the customs officer has registered.	AES-TC-0403 AES-TC-0407 AES-TC-0418 AES-TC-0421 AES-TC-0433 AES-TC-0817 AES-TC-1002 AES-TC-1005 AES-TC-1009 AES-TC-1010	EXP_BUS_0015	Release or Not Release Goods for Exit	The Customs Officer at the Customs Office of Exit must be able to release or not release the goods for exit, based on the control decision and the control result.

AES_FUR_0034	Do Not Release Goods for Exit	The AES of the Customs Office of Exit must not release the goods for exit, based on the decision of the customs officer.	AES-TC-0433 AES-TC-0817	EXP_BUS_0015	Release or Not Release Goods for Exit	The Customs Officer at the Customs Office of Exit must be able to release or not release the goods for exit, based on the control decision and the control result.
AES_FUR_0035	Release Goods for Exit	The AES of the Customs Office of Exit must release the goods for exit, based on the decision of the customs officer.	AES-TC-0808 AES-TC-1002 AES-TC-1005 AES-TC-1009 AES-TC-1010 AES-TC-0403 AES-TC-0407 AES-TC-0418 AES-TC-0421	EXP_BUS_0015	Release or Not Release Goods for Exit	The Customs Officer at the Customs Office of Exit must be able to release or not release the goods for exit, based on the control decision and the control result.
AES_FUR_0037	Identify If Waiver for Supplementary Declaration Applies	The AES of the Customs Office of Export must identify if Waiver for Supplementary Declaration Applies.		EXP_BUS_0004	Release or Not Release Goods for Export	The Customs Officer must be able to release or not release the goods for export, based on the control decision and control result.
AES_FUR_0038	Identify if Full Consignment has Exited	The AES of the Customs Office of Exit must identify if the full consignment of a specific declaration has exited.	AES-TC-0404 AES-TC-0410 AES-TC-0414 AES-TC-0422 AES-TC-0423	EXP_BUS_0014	Handle Exit Notification	The Customs Officer at the Customs Office of Exit must be able to process the exit notification.
				EXP_BUS_0026	Manage Exit Results	The Customs Officer at the Customs Office of Exit must be able to receive the Exit Notification form the Trader and to communicate the Exit Results to the Customs Office of Export.
AES_FUR_0039	Identify if Goods Are to Be Controlled	The AES must identify if the goods are to be controlled, based on the decision registered by the customs officer.	AES-TC-0117 AES-TC-0119 AES-TC-0128 AES-TC-0403 AES-TC-0407 AES-TC-0417 AES-TC-0421 AES-TC-0901 AES-TC-0902	EXP_BUS_0002	Accept or Reject Export Declaration	The Customs Officer must be able to accept or reject an Export Declaration.

EU Customs Functional Requirements BPM Report for Automated Export System (AES)
ANNEX 3: REQUIREMENTS

			AES-TC-0903 AES-TC-0904 AES-TC-0802			
				EXP_BUS_0013	Control Goods for Re-Export Notification	The Customs Officer at the Customs Office of Exit must be able to perform a risk analysis and if necessary perform controls on goods. The relevant communication with the Trader must be possible.
				EXP_BUS_0018	Control Goods for Centralised Clearance	The Customs Officer at the Presentation Customs Office must be able to complete the formalities concerning the control of goods.
				EXP_BUS_0025	Control Goods at Office of Exit	The Customs Officer at the Customs Office of Exit must be able to perform documentary and/or physical controls over goods and to complete the necessary communication with other Customs Offices and the Trader.
				EXP_BUS_0075	Decide whether to control the goods or not	The Customs Officer at the Customs Office of Exit must be able to decide whether to control the goods or not based on the results of the Risk Analysis.
AES_FUR_0045	Stop Timer to Receive Exit Results	The AES of the Customs Office of Export must stop the timer to receive the exit results.	AES-TC-1005	EXP_BUS_0011	Complete Certification of Exit Formalities	The Customs Officer at the Customs Office of Export must be able to certify the exit of the goods and to communicate the certification of exit to the required other customs offices and to the trader.
				EXP_BUS_0015	Release or Not Release Goods for Exit	The Customs Officer at the Customs Office of Exit must be able to release or not release the goods for exit, based on the control decision and the control result.
AES_FUR_0046	Identify if Alternative Evidence Has Already Been Provided	The AES of the Customs Office of Export must check if alternative evidence is stored in the AES.	AES-TC-1005 AES-TC-1007 AES-TC-1021	EXP_BUS_0028	Initiate Enquiry Procedure	The Customs Officer at the Customs Office of Export must be able to initiate enquiry procedure, based on: - Customs Officer's decision, - Unavailability of exit results at the end of the time limit after release for export, or - Request for certification of exit from the trader when exit results are still not available.
AES_FUR_0047	Calculate Expiry Date to Receive Alternative Evidence	The AES of the Customs Office of Export must calculate the expiry date to receive the alternative evidence.	AES-TC-1008 AES-TC-1013	EXP_BUS_0029	Collect Information about Movement of Goods from Trader	The Customs Officer at the Customs Office of Export must be able to collect additional information about the Movement of Goods from the Trader.
AES_FUR_0048	Stop Timer to	The AES of the	AES-TC-1009	EXP_BUS_0011	Complete Certification of Exit Formalities	The Customs Officer at the Customs Office of

ANNEX 3: REQUIREMENTS

	Receive Alternative Evidence	Customs Office of Export must stop the timer to receive alternative evidence.	AES-TC-1011			Export must be able to certify the exit of the goods and to communicate the certification of exit to the required other customs offices and to the trader.
				EXP_BUS_0015	Release or Not Release Goods for Exit	The Customs Officer at the Customs Office of Exit must be able to release or not release the goods for exit, based on the control decision and the control result.
				EXP_BUS_0029	Collect Information about Movement of Goods from Trader	The Customs Officer at the Customs Office of Export must be able to collect additional information about the Movement of Goods from the Trader.
AES_FUR_0051	Match Declaration Data	The AES of the Customs Office of Export must verify whether the supplementary declaration matches with the initially stored simplified declaration.		EXP_BUS_0048	Match Declarations	The Customs Authorities must be able to use data from the supplementary customs declaration to complete the information provided by the simplified declaration(s). "As this business requirement is related to a task which is only modelled on L3, there are no functional requirements modelled in L4 FADs."
AES_FUR_0056	Stop Timer to Certify Exit	The AES of the Customs Office of Export must stop the timer to certify the exit.	AES-TC-0002 AES-TC-0005 AES-TC-1101 AES-TC-1102 AES-TC-1103 AES-TC-1104 AES-TC-1105 AES-TC-1106 AES-TC-1107 AES-TC-1108 AES-TC-1109 AES-TC-1110 AES-TC-1111 AES-TC-1113 AES-TC-1114 AES-TC-1116 AES-TC-1117 AES-TC-1118 AES-TC-1119 AES-TC-1120	EXP_BUS_0011	Complete Certification of Exit Formalities	The Customs Officer at the Customs Office of Export must be able to certify the exit of the goods and to communicate the certification of exit to the required other customs offices and to the trader.
				EXP_BUS_0015	Release or Not Release Goods for Exit	The Customs Officer at the Customs Office of Exit must be able to release or not release the goods for exit, based on the control decision and the control result.

EU Customs Functional Requirements BPM Report for Automated Export System (AES)
ANNEX 3: REQUIREMENTS

AES_FUR_0058	Invalidate Customs Declaration	The AES of the Customs Office of Export must invalidate/cancel the customs declaration.	AES-TC-1206 AES-TC-1207 AES-TC-1210 AES-TC-1211 AES-TC-1213 AES-TC-1214 AES-TC-1215 AES-TC-1216 AES-TC-1217 AES-TC-1218 AES-TC-1219 AES-TC-1220	EXP_BUS_0002	Accept or Reject Export Declaration	The Customs Officer must be able to accept or reject an Export Declaration.
				EXP_BUS_0038	Manage Invalidation of Export Declaration	The Customs Officer must be able to invalidate the export declaration when it no longer meets the requirements to be processed normally.
				EXP_BUS_0067	Manage Invalidation of EXS/REN	The Customs Officer must be able to invalidate the EXS/REN when it no longer meets the requirements to be processed normally.
AES_FUR_0060	Perform Safety and Security Risk Analysis	The AES must perform a Safety and Security Risk Analysis. This might require an interface with a national risk system.	AES-TC-0804 AES-TC-0823	EXP_BUS_0032	Manage Lodgement of EXS	The Customs Officer at the customs office where an Exit Summary Declaration is lodged must be able to accept and process the declaration.
				EXP_BUS_0037	Control Goods (EXS)	The Customs Officer at the Customs Office of Exit must be able to perform documentary and/or physical controls over goods and to complete the necessary communication with other Customs Offices and the Trader.
AES_FUR_0061	Verify if Exit Summary Declaration Data is Available	The AES of the Customs Office of Lodgement must check if the exit summary declaration is already recorded in the AES.	AES-TC-0804 AES-TC-0823	EXP_BUS_0068	Manage Arrival at Exit when EXS Is Available Prior to Exit Notification	The Customs Officer at the Customs Office of Exit must be able to process the arrival of goods at exit provided that an Exit Summary Declaration is available before the notification for arrival at exit from the Trader.
				EXP_BUS_0073	Respond to Request Exit Summary Declaration Data	The Customs Office of Lodgement must be able to respond either positively or negatively to the Request for Exit Summary Declaration Data from Customs Office of Exit.
AES_FUR_0067	Identify if Exit Summary Declaration Has Been Lodged at	The AES of the Customs Office of Exit must identify if	AES-TC-0813	EXP_BUS_0038	Manage Invalidation of Export Declaration	The Customs Officer must be able to invalidate the export declaration when it no longer meets the requirements to be processed

EU Customs Functional Requirements BPM Report for Automated Export System (AES)						
ANNEX 3: REQUIREMENTS						

	Another Customs Office	the exit summary declaration was lodged at another customs office.				normally.
AES_FUR_0070	Amend Re-Export Notification	The AES of the Customs Office of Exit must amend the re-export notification, based on the received amendment request.		EXP_BUS_0006	Process Amendment Request	The Customs Officer must be able to amend the data in an export declaration / exit summary declaration / re-export notification, based on a successfully received amendment request.
AES_FUR_0072	Start Timer to Receive Exit Notification	The AES must start the timer to receive the exit notification.	AES-TC-1001 AES-TC-1701	EXP_BUS_0032	Manage Lodgement of EXS	The Customs Officer at the customs office where an Exit Summary Declaration is lodged must be able to accept and process the declaration.
				EXP_BUS_0035	Manage EXS Registration at Office of Exit	The Customs Officer at the Customs Office of Exit must be able to process a directly lodged Exit Summary Declaration or an Exit Summary Declaration forwarded by the Customs Office of Lodgement.
				EXP_BUS_0065	Manage Lodgement of Re-Export Notification	The Customs Officer at the customs office of Exit must be able to accept (and process) or reject the re-export notification.
AES_FUR_0073	Amend Exit Summary Declaration	The AES of the Customs Office of Exit must amend the exit summary declaration, based on the received amendment request.		EXP_BUS_0006	Process Amendment Request	The Customs Officer must be able to amend the data in an export declaration / exit summary declaration / re-export notification, based on a successfully received amendment request.
AES_FUR_0074	Identify if Operation Information Is Available	The AES must check if the operation information is available in the system.	AES-TC-1901	EXP_BUS_0016	Process Information Query	The Requesting Customs Officer must be able to retrieve export movement data available (if any) either locally or at another Customs Office
				EXP_BUS_0038	Manage Invalidation of Export Declaration	The Customs Officer must be able to invalidate the export declaration when it no longer meets the requirements to be processed normally.
AES_FUR_0075	Retrieve Requested Operation Information	The AES must retrieve operation information based on the MRN from a received request for export movement data.	AES-TC-1904 AES-TC-1902	EXP_BUS_0017	Respond to Information Query	The Requested Customs Office must be able to respond to information queries regarding export movement data.
				EXP_BUS_0038	Manage Invalidation of Export Declaration	The Customs Officer must be able to invalidate the export declaration when it no longer meets the requirements to be processed

EU Customs Functional Requirements BPM Report for Automated Export System (AES)
ANNEX 3: REQUIREMENTS

						normally.
AES_FUR_0076	Compare Operation Status with Received Operation Status	The AES must compare the available operation status with the operation status that was received.	AES-TC-2002 AES-TC-2003 AES-TC-2004 AES-TC-2008	EXP_BUS_0021	Update Operation Status	The Requesting Customs Officer must be able to update the status of an operation when an updated status is received from another Customs Office.
				EXP_BUS_0038	Manage Invalidation of Export Declaration	The Customs Officer must be able to invalidate the export declaration when it no longer meets the requirements to be processed normally.
AES_FUR_0077	Update Operation Status	The AES must update the operation status based on the operation status that was received.	AES-TC-2003 AES-TC-2004 AES-TC-2008	EXP_BUS_0021	Update Operation Status	The Requesting Customs Officer must be able to update the status of an operation when an updated status is received from another Customs Office.
AES_FUR_0079	Retrieve Operation Status	The AES must retrieve the operation status, based on an operation status request received.	AES-TC-2005 AES-TC-2006 AES-TC-2007	EXP_BUS_0019	Respond to Operation Status Check	The Requested Customs Officer must be able to process requests from another Customs Office about the status of an operation.
				EXP_BUS_0038	Manage Invalidation of Export Declaration	The Customs Officer must be able to invalidate the export declaration when it no longer meets the requirements to be processed normally.
AES_FUR_0080	Check if Operation Status is Exited	The AES must check if the Operation Status is set on 'Exited'.	AES-TC-2005 AES-TC-2006 AES-TC-2007	EXP_BUS_0019	Respond to Operation Status Check	The Requested Customs Officer must be able to process requests from another Customs Office about the status of an operation.
AES_FUR_0081	Perform P&R Risk Analysis	The AES of the Presentation Office must perform a P&R risk analysis. This might involve an interface with the national risk systems.	AES-TC-0125 AES-TC-0127 AES-TC-0133	EXP_BUS_0018	Control Goods for Centralised Clearance	The Customs Officer at the Presentation Customs Office must be able to complete the formalities concerning the control of goods.
AES_FUR_0082	Identify if Controls Are Requested	The AES of the Presentation Office must identify if controls are requested.	AES-TC-0125 AES-TC-0127	EXP_BUS_0018	Control Goods for Centralised Clearance	The Customs Officer at the Presentation Customs Office must be able to complete the formalities concerning the control of goods.
AES_FUR_0083	Send IE to Holder of Goods	The AES must send IEs to the Holder of goods.	AES-TC-0125 AES-TC-0126 AES-TC-0130 AES-TC-0131 AES-TC-0132 AES-TC-0509	EXP_BUS_0004	Release or Not Release Goods for Export	The Customs Officer must be able to release or not release the goods for export, based on the control decision and control result.

EU Customs Functional Requirements BPM Report for Automated Export System (AES)
ANNEX 3: REQUIREMENTS

			AES-TC-0514			
				EXP_BUS_0018	Control Goods for Centralised Clearance	The Customs Officer at the Presentation Customs Office must be able to complete the formalities concerning the control of goods.
AES_FUR_0084	Check Availability of AER	The AES of the Customs Office of Exit must check if the data of the Anticipated Export Record is available.	AES-TC-0405 AES-TC-0420 AES-TC-2107 AES-TC-2108	EXP_BUS_0078	Manage Content of Arrival at Exit	The Customs Authorities at the Customs Office of Exit must examine the content of the Arrival at Exit notification, so as, in case of a valid information, to proceed with the decision to perform or not the controls at the Customs Office of Exit.
AES_FUR_0085	Complete Trader's Data	In case only a TIN is provided in the submitted export declaration, the AES must complete the Trader data (name, address) from the EOS database.	AES-TC-0101 AES-TC-0103 AES-TC-0111 AES-TC-0116 AES-TC-0118 AES-TC-0120 AES-TC-0121 AES-TC-0123 AES-TC-0701 AES-TC-0702 AES-TC-0704 AES-TC-0705	EXP_BUS_0001	Receive Export Declaration	The Customs Officer must be able to receive export declaration.
				EXP_BUS_0005	Receive Amendment Request	The Customs Officer must be able to receive an amendment request to an export declaration / exit summary declaration / re-export notification.
				EXP_BUS_0007	Receive Supplementary Declaration	Customs Officer must be able to receive supplementary declaration and match it to the simplified declaration(s) earlier received.
				EXP_BUS_0064	Manage Lodgement of Supplementary Customs Declaration for AES	The Customs Officer must be able to accept or reject a Supplementary Customs Declaration.
AES_FUR_0086	Identify Reference Documents	The AES must verify (based on TARIC data) the existence of the references to any documents required for the declared Commodity Code (TARIC code) in relation to the declared country of destination.	AES-TC-0101 AES-TC-0116 AES-TC-0118 AES-TC-0120 AES-TC-0121 AES-TC-0123 AES-TC-0701 AES-TC-0702 AES-TC-0704 AES-TC-0705	EXP_BUS_0001	Receive Export Declaration	The Customs Officer must be able to receive export declaration.
				EXP_BUS_0005	Receive Amendment Request	The Customs Officer must be able to receive an amendment request to an export declaration / exit summary declaration / re-export

						notification.
				EXP_BUS_0007	Receive Supplementary Declaration	Customs Officer must be able to receive supplementary declaration and match it to the simplified declaration(s) earlier received.
				EXP_BUS_0064	Manage Lodgement of Supplementary Customs Declaration for AES	The Customs Officer must be able to accept or reject a Supplementary Customs Declaration.
AES_FUR_0087	Validate Identification Number	The AES must validate the declared Trader Identification Numbers (TIN) against the EOS database.	AES-TC-0101 AES-TC-0103 AES-TC-0111 AES-TC-0116 AES-TC-0118 AES-TC-0120 AES-TC-0121 AES-TC-0123 AES-TC-0701 AES-TC-0702 AES-TC-0704 AES-TC-0705	EXP_BUS_0001	Receive Export Declaration	The Customs Officer must be able to receive export declaration.
				EXP_BUS_0005	Receive Amendment Request	The Customs Officer must be able to receive an amendment request to an export declaration / exit summary declaration / re-export notification.
				EXP_BUS_0007	Receive Supplementary Declaration	Customs Officer must be able to receive supplementary declaration and match it to the simplified declaration(s) earlier received.
				EXP_BUS_0014	Handle Exit Notification	The Customs Officer at the Customs Office of Exit must be able to process the exit notification.
				EXP_BUS_0026	Manage Exit Results	The Customs Officer at the Customs Office of Exit must be able to receive the Exit Notification form the Trader and to communicate the Exit Results to the Customs Office of Export.
				EXP_BUS_0064	Manage Lodgement of Supplementary Customs Declaration for AES	The Customs Officer must be able to accept or reject a Supplementary Customs Declaration.
AES_FUR_0088	Reject Processing of a Customs Declaration	The AES must reject the recording and processing of a received customs declaration, when validation of data against their associated Rules & Conditions, formats and required fields	AES-TC-0101 AES-TC-0103 AES-TC-0111 AES-TC-0116 AES-TC-0118 AES-TC-0120 AES-TC-0121 AES-TC-0123	EXP_BUS_0001	Receive Export Declaration	The Customs Officer must be able to receive export declaration.

EU Customs Functional Requirements BPM Report for Automated Export System (AES)
ANNEX 3: REQUIREMENTS

		fails.	AES-TC-0701 AES-TC-0702 AES-TC-0704 AES-TC-0705			
				EXP_BUS_0005	Receive Amendment Request	The Customs Officer must be able to receive an amendment request to an export declaration / exit summary declaration / re-export notification.
				EXP_BUS_0007	Receive Supplementary Declaration	Customs Officer must be able to receive supplementary declaration and match it to the simplified declaration(s) earlier received.
				EXP_BUS_0064	Manage Lodgement of Supplementary Customs Declaration for AES	The Customs Officer must be able to accept or reject a Supplementary Customs Declaration.
AES_FUR_0089	Retrieve e-AD	The AES must be able to retrieve an e-AD from the Member State of Export.		EXP_BUS_0002	Accept or Reject Export Declaration	The Customs Officer must be able to accept or reject an Export Declaration.
				EXP_BUS_0006	Process Amendment Request	The Customs Officer must be able to amend the data in an export declaration / exit summary declaration / re-export notification, based on a successfully received amendment request.
AES_FUR_0090	Reject Processing a Re-Export Notification	The AES must reject recording and processing a received re-export advice, when validation of data against their associated Rules & Conditions, formats and required fields fails.	AES-TC-1001 AES-TC-1007 AES-TC-1701 AES-TC-1702	EXP_BUS_0065	Manage Lodgement of Re-Export Notification	The Customs Officer at the customs office of Exit must be able to accept (and process) or reject the re-export notification.
AES_FUR_0092	Identify if Declaration is Lodged with Reduced Safety and Security Data Set	The AES must identify if the customs declaration is lodged with a reduced safety and security data set.	AES-TC-0121	EXP_BUS_0002	Accept or Reject Export Declaration	The Customs Officer must be able to accept or reject an Export Declaration.
AES_FUR_0093	Identify if Invalidation Has Been Requested by Trader	The AES of the Office of Export must identify if invalidation of the customs declaration is based on a request received from the trader.	AES-TC-1203 AES-TC-1208 AES-TC-1212	EXP_BUS_0038	Manage Invalidation of Export Declaration	The Customs Officer must be able to invalidate the export declaration when it no longer meets the requirements to be processed normally.
AES_FUR_0095	Stop Timer to		AES-TC-1003	EXP_BUS_0014	Handle Exit Notification	The Customs Officer at the Customs Office of

	Receive Exit Notification		AES-TC-1006			Exit must be able to process the exit notification.
				EXP_BUS_0067	Manage Invalidation of EXS/REN	The Customs Officer must be able to invalidate the EXS/REN when it no longer meets the requirements to be processed normally.
AES_FUR_0096	Identify Control Decision	The AES of the Customs Office of Export must identify the control decision.	AES-TC-0002 AES-TC-0005 AES-TC-0102 AES-TC-0108 AES-TC-0112 AES-TC-0113 AES-TC-0115 AES-TC-0117 AES-TC-0119 AES-TC-0129 AES-TC-0501 AES-TC-0502 AES-TC-0503 AES-TC-0504 AES-TC-0505 AES-TC-0506 AES-TC-0507 AES-TC-0508 AES-TC-0510 AES-TC-0511 AES-TC-0512 AES-TC-0513 AES-TC-1101 AES-TC-1102 AES-TC-1103 AES-TC-1104 AES-TC-1105 AES-TC-1106 AES-TC-1107 AES-TC-1108 AES-TC-1109 AES-TC-1110 AES-TC-1111 AES-TC-1113 AES-TC-1114 AES-TC-1116 AES-TC-1117	EXP_BUS_0003	Control Goods at Office of Export	The Customs Officer must be able to complete the formalities concerning the control of goods at the Customs Office of Export.

			AES-TC-1118 AES-TC-1119 AES-TC-1120			
				EXP_BUS_0018	Control Goods for Centralised Clearance	The Customs Officer at the Presentation Customs Office must be able to complete the formalities concerning the control of goods.
AES_FUR_0097	Identify if Goods are Presented	The AES of the Customs Office if Export must identify if the export declaration is submitted prior to the goods presentation.	AES-TC-0116 AES-TC-0117 AES-TC-0119 AES-TC-0122 AES-TC-0501 AES-TC-0502 AES-TC-0503 AES-TC-0504 AES-TC-0505 AES-TC-0506 AES-TC-0507 AES-TC-0508 AES-TC-0510 AES-TC-0511 AES-TC-0512 AES-TC-0513 AES-TC-1206 AES-TC-1207 AES-TC-1210 AES-TC-1211 AES-TC-1213 AES-TC-1214 AES-TC-1215 AES-TC-1216 AES-TC-1217 AES-TC-1218 AES-TC-1219 AES-TC-1220	EXP_BUS_0002	Accept or Reject Export Declaration	The Customs Officer must be able to accept or reject an Export Declaration.
AES_FUR_0098	Reject Customs Declaration	The AES of the Customs Office of Export must reject the customs declaration.		EXP_BUS_0002	Accept or Reject Export Declaration	The Customs Officer must be able to accept or reject an Export Declaration.
AES_FUR_0100	Identify if Customs Office of Destination is Appropriate		AES-TC-2201 AES-TC-2202 AES-TC-2203	EXP_BUS_0039	Ensure Exit Formalities	The Customs Officer at the Customs Office of Exit must be able to manage exit formalities.
AES_FUR_0105	Identify if Goods are	The AES of the		EXP_BUS_0014	Handle Exit Notification	The Customs Officer at the Customs Office of

EU Customs Functional Requirements BPM Report for Automated Export System (AES)
ANNEX 3: REQUIREMENTS

	to be Stored prior Exit	Customs Office of Exit must identify if the Goods are to be stored based on the information provided by Trader at Exit.				Exit must be able to process the exit notification.
				EXP_BUS_0026	Manage Exit Results	The Customs Officer at the Customs Office of Exit must be able to receive the Exit Notification form the Trader and to communicate the Exit Results to the Customs Office of Export.
AES_FUR_0106	Identify if Timer is still running	The AES of the Customs Office of Exit must identify if the Timer is still running.		EXP_BUS_0011	Complete Certification of Exit Formalities	The Customs Officer at the Customs Office of Export must be able to certify the exit of the goods and to communicate the certification of exit to the required other customs offices and to the trader.
				EXP_BUS_0015	Release or Not Release Goods for Exit	The Customs Officer at the Customs Office of Exit must be able to release or not release the goods for exit, based on the control decision and the control result.
				EXP_BUS_0078	Manage Content of Arrival at Exit	The Customs Authorities at the Customs Office of Exit must examine the content of the Arrival at Exit notification, so as, in case of a valid information, to proceed with the decision to perform or not the controls at the Customs Office of Exit.
AES_FUR_0107	Stop Timer to Receive Arrival at Exit	The AES at Customs Office of Exit must stop the Timer to receive Arrival at Exit.		EXP_BUS_0078	Manage Content of Arrival at Exit	The Customs Authorities at the Customs Office of Exit must examine the content of the Arrival at Exit notification, so as, in case of a valid information, to proceed with the decision to perform or not the controls at the Customs Office of Exit.
AES_FUR_0111	Identify if Movement concerns Exit Followed by Transit	The AES at Customs Office of Exit must identify if movement concerns Exit Followed by Transit.		EXP_BUS_0024	Manage Arrival at Exit when AER Is Not Available Prior to Exit Notification	When the notification from the Trader is received before the Anticipated Export Record or Split Anticipated Export Record is available at the Customs Office of Exit, the Customs Officer at the Customs Office of Exit must be able to process the arrival of the goods and request the Anticipated Export Record from the Customs Office of Export or the Split Anticipated Export Record from the Previous Customs Office of Exit.
AES_FUR_0112	Start Timer to Receive Arrival at Exit	The AES must start the timer to receive the Arrival at Exit.		EXP_BUS_0022	Manage Arrival at Exit when AER Is Available Prior to Exit Notification	The Customs Officer at the Customs Office of Exit must be able to process the arrival of goods at exit provided that an Anticipated Export Record / Split Anticipated Export Record is available before the notification for arrival at exit from the

						Trader.
				EXP_BUS_0024	Manage Arrival at Exit when AER Is Not Available Prior to Exit Notification	When the notification from the Trader is received before the Anticipated Export Record or Split Anticipated Export Record is available at the Customs Office of Exit, the Customs Officer at the Customs Office of Exit must be able to process the arrival of the goods and request the Anticipated Export Record from the Customs Office of Export or the Split Anticipated Export Record from the Previous Customs Office of Exit.
AES_FUR_0114	Register Extension of Timer			EXP_BUS_0029	Collect Information about Movement of Goods from Trader	The Customs Officer at the Customs Office of Export must be able to collect additional information about the Movement of Goods from the Trader.
				EXP_BUS_0062	Extend Time for Lodgement of Supplementary Declaration	The Customs Officer must be able to extend the time for Lodgement of Supplementary Declaration.
AES_FUR_0115	Identify if response is Positive or Negative	The AES must send IEs over the common domain to other customs offices.	AES-TC-0102 AES-TC-0103 AES-TC-0108 AES-TC-0112 AES-TC-0113 AES-TC-0115 AES-TC-0117 AES-TC-0119 AES-TC-0122 AES-TC-0129 AES-TC-0402 AES-TC-0404 AES-TC-0405 AES-TC-0406 AES-TC-0408 AES-TC-0410 AES-TC-0411 AES-TC-0412 AES-TC-0413 AES-TC-0414 AES-TC-0419 AES-TC-0420 AES-TC-0423 AES-TC-0432 AES-TC-0433 AES-TC-0434	EXP_BUS_0038	Manage Invalidation of Export Declaration	The Customs Officer must be able to invalidate the export declaration when it no longer meets the requirements to be processed normally.

			AES-TC-0501			
			AES-TC-0502			
			AES-TC-0503			
			AES-TC-0504			
			AES-TC-0505			
			AES-TC-0506			
			AES-TC-0507			
			AES-TC-0508			
			AES-TC-0509			
			AES-TC-0510			
			AES-TC-0511			
			AES-TC-0512			
			AES-TC-0810			
			AES-TC-0811			
			AES-TC-0813			
			AES-TC-0815			
			AES-TC-0821			
			AES-TC-1004			
			AES-TC-1006			
			AES-TC-1010			
			AES-TC-1012			
			AES-TC-1016			
			AES-TC-1017			
			AES-TC-1207			
			AES-TC-1211			
			AES-TC-1213			
			AES-TC-1214			
			AES-TC-1216			
			AES-TC-1218			
			AES-TC-1219			
			AES-TC-1220			
			AES-TC-1902			
			AES-TC-1904			
			AES-TC-2001			
			AES-TC-2005			
			AES-TC-2006			
			AES-TC-2007			
			AES-TC-2009			
			AES-TC-2101			
			AES-TC-2102			
			AES-TC-2108			
			AES-TC-2201			
			AES-TC-2202			

ANNEX 3: REQUIREMENTS

AES_FUR_0116	Identify if Documents need to be Requested	The AES at the Customs Office of Export/Supervising Customs Office/Presentation Customs Office must be able to identify if Documents need to be Requested in terms of Controls		EXP_BUS_0003	Control Goods at Office of Export	The Customs Officer must be able to complete the formalities concerning the control of goods at the Customs Office of Export.
				EXP_BUS_0018	Control Goods for Centralised Clearance	The Customs Officer at the Presentation Customs Office must be able to complete the formalities concerning the control of goods.
AES_FUR_0118	Identify if Pre-release or Controls need to be recommended	The AES at the Supervising Customs Office must identify whether Pre-release or Controls need to be recommended		EXP_BUS_0004	Release or Not Release Goods for Export	The Customs Officer must be able to release or not release the goods for export, based on the control decision and control result.
AES_FUR_0119	Identify SCO Recommendation/Decision	The AES at the Presentation Customs Office must identify whether Supervising Customs Office recommends pre-release or controls or decides release rejection.		EXP_BUS_0018	Control Goods for Centralised Clearance	The Customs Officer at the Presentation Customs Office must be able to complete the formalities concerning the control of goods.
				EXP_BUS_0071	Manage SCO Decision on Controls or Release	The Customs Authorities must acknowledge the SCO Decision on whether to proceed with release rejection or recommend pre-release or recommend controls.
AES_FUR_0120	Association of the Export MRN(s)	The AES must send IEs over the common domain to other customs offices.	AES-TC-0102 AES-TC-0103 AES-TC-0108 AES-TC-0112 AES-TC-0113 AES-TC-0115 AES-TC-0117 AES-TC-0119 AES-TC-0122 AES-TC-0129 AES-TC-0402 AES-TC-0404 AES-TC-0405	EXP_BUS_0081	Manage Transit Notification Amendment Request	The Customs Office of Exit must be able to accept, reject or process the Transit Notification Amendment Request.

			AES-TC-0406			
			AES-TC-0408			
			AES-TC-0410			
			AES-TC-0411			
			AES-TC-0412			
			AES-TC-0413			
			AES-TC-0414			
			AES-TC-0419			
			AES-TC-0420			
			AES-TC-0423			
			AES-TC-0432			
			AES-TC-0433			
			AES-TC-0434			
			AES-TC-0501			
			AES-TC-0502			
			AES-TC-0503			
			AES-TC-0504			
			AES-TC-0505			
			AES-TC-0506			
			AES-TC-0507			
			AES-TC-0508			
			AES-TC-0509			
			AES-TC-0510			
			AES-TC-0511			
			AES-TC-0512			
			AES-TC-0810			
			AES-TC-0811			
			AES-TC-0813			
			AES-TC-0815			
			AES-TC-0821			
			AES-TC-1004			
			AES-TC-1006			
			AES-TC-1010			
			AES-TC-1012			
			AES-TC-1016			
			AES-TC-1017			
			AES-TC-1207			
			AES-TC-1211			
			AES-TC-1213			
			AES-TC-1214			
			AES-TC-1216			
			AES-TC-1218			
			AES-TC-1219			

ANNEX 3: REQUIREMENTS

			AES-TC-1220 AES-TC-1902 AES-TC-1904 AES-TC-2001 AES-TC-2005 AES-TC-2006 AES-TC-2007 AES-TC-2009 AES-TC-2101 AES-TC-2102 AES-TC-2108 AES-TC-2201 AES-TC-2202			
AES_FUR_0121	Check Availability of EXS	The AES of the Customs Office of Exit must check if the data of the Exit Summary Declaration is available.		EXP_BUS_0035	Manage EXS Registration at Office of Exit	The Customs Officer at the Customs Office of Exit must be able to process a directly lodged Exit Summary Declaration or an Exit Summary Declaration forwarded by the Customs Office of Lodgement.
AES_FUR_0122	Identify PCO Control Result	The AES must identify the PCO Control Result.		EXP_BUS_0018	Control Goods for Centralised Clearance	The Customs Officer at the Presentation Customs Office must be able to complete the formalities concerning the control of goods.
AES_FUR_0123	Identify SCO final decision to Release or Not Release the Goods	The AES identifies the SCO final decision upon the release of the goods.		EXP_BUS_0018	Control Goods for Centralised Clearance	The Customs Officer at the Presentation Customs Office must be able to complete the formalities concerning the control of goods.
AES_FUR_101	Stop Timer to Receive Control Results	The AES at Supervising Customs Office must stop the timer to receive control results		EXP_BUS_0018	Control Goods for Centralised Clearance	The Customs Officer at the Presentation Customs Office must be able to complete the formalities concerning the control of goods.
AES_FUR_102	Identify if Timer for Lodgement of Supplementary Declaration Can be Extended	The AES of the Customs Office of Export must identify if the timer for lodgement of supplementary declaration can be extended.		EXP_BUS_0062	Extend Time for Lodgement of Supplementary Declaration	The Customs Officer must be able to extend the time for Lodgement of Supplementary Declaration.
				EXP_BUS_0064	Manage Lodgement of Supplementary Customs Declaration for AES	The Customs Officer must be able to accept or reject a Supplementary Customs Declaration.
AES_FUR_102	Stop Timer to Receive Control Notification	The AES at Supervising Customs Office must stop the timer to receive		EXP_BUS_0018	Control Goods for Centralised Clearance	The Customs Officer at the Presentation Customs Office must be able to complete the formalities concerning the control of goods.

		control notification				
AES_FUR_103	Identify if Exporter/Declarant must be Notified of Controls	The AES of the Customs Office of Export must identify if the exporter/declarant must be informed of the decided controls.		EXP_BUS_0002	Accept or Reject Export Declaration	The Customs Officer must be able to accept or reject an Export Declaration.
EXP_FUR_0094	Calculate Expiry Date to Receive Export Presentation Notification	AES must be able to calculate the expiry date of the time limit to receive an Export Presentation Notification.		EXP_BUS_0002	Accept or Reject Export Declaration	The Customs Officer must be able to accept or reject an Export Declaration.
EXP_FUR_0095	Stop Timer to Receive Export Presentation Notification			EXP_BUS_0002	Accept or Reject Export Declaration	The Customs Officer must be able to accept or reject an Export Declaration.

Table 1: Functional Requirements

2. Non-Functional Requirements

2.1. Access Control and Connectivity Requirements

REQUIREMENT ID	REQUIREMENT NAME	REQUIREMENT DESCRIPTION	RELATED TEST
AES_ACC_0001	Access Authentication	<p>Every interaction with AES, must be under identification, authentication and authorisation control.</p> <ul style="list-style-type: none"> – The identification establishes the user or IT system identity; – The authentication validates the user credentials; – The authorisation determines: <ul style="list-style-type: none"> which users or IT systems have access to what function; which users or IT systems have access to what data. <p>The AES shall not allow a user to login by bypassing the identification and authentication procedures.</p>	
AES_ACC_0002	Type of Users	<p>The following type of users of the National AES, must be supported:</p> <ul style="list-style-type: none"> – MS users and MS IT systems; - Optionally, Trade users can have access. 	
AES_ACC_0003	CCN Access	The IEs between the Nationally implemented AES are sent over the CCN.	
AES_ACC_0004	External Access	The National AES might be accessible to external users and external IT systems, only through an additional security layer, for example provided by HTTP reverse proxies services.	
AES_ACC_0005	HTTP Proxy for Outbound HTTP Requests	The national AES must be capable of using HTTP proxy for outbound HTTP requests.	
AES_ACC_0006	Identical Behaviour	The behaviour of the AES must be identical whether direct or proxy connection exists between the client or IT system, and the CDCO, independently of the number of proxy or reverse proxy servers participating in the communication.	
AES_ACC_0007	Password	<p>Password shall not be stored as a clear-text.</p> <p>OR</p> <p>Passwords shall only be stored as password hashes.</p>	
AES_ACC_0008	Reverse Proxies	The TA must provide support for deploying into environments making use of HTTP reverse proxies. This includes such things as proper handling of absolute URLs (e.g. in redirects) and page expiration for dynamic content.	
AES_ACC_0009	Security Checks	The security checks and operations shall be distinguished from the business operations and logic. The security policy should be easily modified without affecting the business operations. The security policy consists of the security	

		measures related to identification, authentication and authorisation.	
AES_ACC_0010	Single Authentication	The national AES shall authenticate the users once and grant access for any subsequent business operations within the same session in a transparent manner (i.e. not requesting every time the user credentials).	

Table 2: Access Control and Connectivity Requirements

2.2. Audit Requirements

REQUIREMENT ID	REQUIREMENT NAME	REQUIREMENT DESCRIPTION	RELATED TEST
AES_AUD_0001	Audit Trail of Data Changes	The AES must keep an audit trail of all data changes: what data was affected, the kind of changes (creation, update or deletion), who applied the changes and when. In case of an update, the initial and the new state of the changed data must also be recorded. In case of a delete, there is a difference between a regular deletion and a physical deletion. For physically deleted data, the audit trail shall only contain a limited set of data: the reference of the deleted record, who deleted it and when. For the regular deletion, the whole data record is audited. The auditing component must support both modes.	
AES_AUD_0002	Audit Trail Data Exchange Storage	The audit trail of all data exchanges over the CCN between the MS IT systems must be available for at least 5 years.	

Table 3: Audit Requirements

2.3. Availability Requirements

REQUIREMENT ID	REQUIREMENT NAME	REQUIREMENT DESCRIPTION	RELATED TEST
AES_AVA_0001	Ability to Recover by Resubmitting Failed Request	The AES must guarantee at the presentation and web service layers the ability to recover by resubmitting the failed request by the end user, right after a failure.	
AES_AVA_0002	Application Deployment Rollback	The TA must provide means for application deployment rollback.	
AES_AVA_0003	Backup and Restore Procedures	The AES components must be capable of integrating with backup and restore procedures. The preferred solution is the current infrastructure provider backup/restore.	
AES_AVA_0004	Downtime during Deployment	Downtime during the deployment of the new application version must be minimal.	
AES_AVA_0005	Failure Containment	In case of the failure of one component the TA must minimise the effect on other components which are not directly related to the failed component (failure containment).	
AES_AVA_0006	Failure of a Batch Service	The AES must guarantee the following after a failure of a batch service:	

		<ul style="list-style-type: none"> – no batch jobs should be lost; – recovery mechanism for batch jobs that were in progress at the moment of a failure. This might be either automated or manual process. 	
AES_AVA_0007	Failure of Asynchronous CCN Communication Component	<p>The AES must guarantee the following after a failure of the asynchronous CCN communication component:</p> <ul style="list-style-type: none"> – no message should be lost; – CCN messages and JMS messages must remain in a consistent state; – no duplicate delivery of the same message after a failure; – ability to process queued CCN messages right after a recovery; – continued reprocessing of CCN messages that were in progress at the moment of a failure, i.e. failed messages need to be re-processed. 	
AES_AVA_0008	Failure of Database	<p>The AES must guarantee the following after a recovery of database:</p> <ul style="list-style-type: none"> – no loss of transactional data; – business data must remain in consistent state; – immediate availability of database after a failure; – no impact on application server components, i.e. transparent failover is required. 	
AES_AVA_0009	Failure of HTTP Communication of CCN	<p>The AES must guarantee the following after a failure of HTTP communication over CCN:</p> <ul style="list-style-type: none"> – Ability to process a new request right after a failure; – Continued processing of all user requests that may have been initiated before a failure, i.e. transparent failover to another application server is required, without need to re-login and re-submit of the request; – Failover and/or load balancing of this component must be transparent to the CCN. 	
AES_AVA_0010	Hot Deployment Support	<p>The TA must provide means for application hot deployment support, meaning that installation of a new application version will not result in application down time.</p>	
AES_AVA_0011	Trade Availability Requirement	<p>The maximum availability that application for the trader might require and hence the maximum availability that the TA has to enable is 99% for a 24/7 period. Initial accepted application availability is 99.9% during business hours and 98% outside business hours, and it should evolve to target availability 99.9% 24/7.</p>	
AES_AVA_0012	Asynchronous Layer	<p>At the asynchronous layer the AES must guarantee the following after a failure:</p> <ul style="list-style-type: none"> – no message should be lost; – ability to process queued messages right after a failure; – continued processing of messages that were in progress 	

		at the moment of a failure, i.e. failed messages need to be re-processed.	
AES_AVA_0013	Minimal Manual Intervention in Recovery	After a partial or a total failure of an internal or external component the AES must be able to recover. The manual intervention must be minimal.	
AES_AVA_0014	Presentation Layer	The AES must guarantee at the presentation layer the continued processing of all user requests that may have been initiated before the failure, i.e. transparent failover is required, without a need to re-login and re-submit of the request.	
AES_AVA_0015	Availability Requirement for Customs Office AES	The initially accepted application availability is 99.9% during business hours and 98% outside business hours, and it should evolve to target availability 99.9% 24/7.	
AES_AVA_0016	Periodic Maintenance Downtime	The AES must be designed in a way so that it does not need periodic maintenance that results in significant downtime.	

Table 4: Availability Requirements

2.4. Data Integrity Requirements

REQUIREMENT ID	REQUIREMENT NAME	REQUIREMENT DESCRIPTION	RELATED TEST
AES_DIN_0001	Administrator Inspection	The messages that could not be processed must be available to the administrator for inspection. After the inspection the administrator can decide to retry or discard the message.	
AES_DIN_0002	Data Consistency	The AES must preserve the consistency of all data. All data must be stored persistently using transactions.	
AES_DIN_0003	Data Protection	The AES must protect the data against modification and loss during transfer between the client part and the server part and when exchanging data with other systems.	
AES_DIN_0004	Duplicate Message Handling	Messages must be delivered exactly once. Due to CCN and the client, it is possible to receive duplicate messages which should be handled by the application.	

Table 5: Data Integrity Requirements

2.5. Implementation Requirements

REQUIREMENT ID	REQUIREMENT NAME	REQUIREMENT DESCRIPTION	RELATED TEST
AES_IMP_0001	Automated Build of Delivery Package	Build of the delivery package must be fully automated and include following steps: – a source code and other artefacts checkout from the source control system; – a source code build; – a delivery package creation. Ideally, it must be possible to automatically test the	

		package (i.e. verify that it is possible to create installation from the delivery).	
AES_IMP_0002	Automated Installation Procedure	The AES installation procedure must be fully automated.	
AES_IMP_0003	Delivery Package of Release	As a result of new application release, a delivery package must be produced. The delivery package includes application source code, all third party libraries and additional files required to build installation package. It also contains all application documentation. The structure of the delivery package must be common across applications.	
AES_IMP_0004	DG TAXUD Testing Process	The conformance testing process of DG TAXUD must be followed.	
AES_IMP_0005	Identification of Exact Version	It must be possible to identify the exact version (including hot fix) of the AES during the whole deployment lifecycle: – a delivery package; – an installation package; – a deployed application.	
AES_IMP_0006	Installation Package	As a result of the AES build, installation package must be produced. The Installation package contains artefacts ready to be installed on an environment.	
AES_IMP_0007	Smoke Test Scenarios	Smoke test scenarios must be 100% automated. Smoke tests are a subset of the test cases that cover the most important functionalities of the AES.	
AES_IMP_0008	Unit Testing	Unit tests must be run during delivery package build and unit test report must be automatically generated. Unit test coverage goal is application specific, but it should be avoided setting goals lower than 80%.	
AES_IMP_0009	Integration on Test Environment and Automated Test Execution	A continuous integration practice must be applied for the AES installation on the test environment and automated test execution.	

Table 6: Implementation Requirements

2.6. Infrastructure Requirements

REQUIREMENT ID	REQUIREMENT NAME	REQUIREMENT DESCRIPTION	RELATED TEST
AES_INF_0001	Security and Confidentiality of Traffic between Client and Server Part	The security and confidentiality of the traffic between the client part and the server part of the AES must be ensured by the Common Communication Network (CCN) and by the EC's internal network.	
AES_INF_0002	Traffic CDCO - other CDCOs	All traffic between the National AES systems must be performed through the CCN or through the EC's internal network.	

Table 7: Infrastructure Requirements

2.7. Installability Requirements

Requirement ID	Requirement Name	Requirement Description	Related Test
AES_INS_0001	Continuous Integration Practice	Continuous integration practice must be applied for AES installation package build.	

Table 8: Installability Requirements

2.8. Interface Requirements

Requirement ID	Requirement Name	Requirement Description	Related Test
AES_ITF_0001	Interface with Customs Decisions System	The AES must have an interface with the Customs Decisions System to check whether declared authorisations: -match with the declarant; -match with the declared goods; -are valid; -are active.	
AES_ITF_0002	Interface with National Risk Systems	The AES must interface with the National Risk System of the respective MS.	
AES_ITF_0003	Interface with EOS-EORI	The system must be able to interface with the EORI-EOS system to retrieve the details of the economic operator. Furthermore, EORI numbers submitted by economic operators will be automatically validated against the EOS-EORI system.	
AES_ITF_0004	Interface with EOS-AEO	The AES must interface with EOS-AEO to check the validity of AEO certificates	
AES_ITF_0005	Interface with EMCS	AES must interface with EMCS to be able to retrieve e-AD from the MSA of Destination/Export and to be able to notify when goods are release/not released for export.	

Table 9: Interface Requirements

2.9. Logging Requirements

Requirement ID	Requirement Name	Requirement Description	Related Test
AES_LOG_0001	Authentication Log	The AES must provide possibility to log all authentication or authorisation attempts whether they are successful or not.	
AES_LOG_0002	Availability Period of Technical Logs	Technical logs must be available for configurable period of time.	
AES_LOG_0003	Central Storage of Logs	The logging component must support centralised storage for logs.	
AES_LOG_0004	Dump Messages	TA must provide possibility to dump the messages. There is no need to filter messages based on the origin or type, all exchanged messages are dumped.	

Table 10: Logging Requirements

2.10. Monitoring Requirements

REQUIREMENT ID	REQUIREMENT NAME	REQUIREMENT DESCRIPTION	RELATED TEST
AES_MON_0001	Integration with External Monitoring Component	<p>The AES must enable integration with the external (infrastructure provider) monitoring component currently used at DG TAXUD.</p> <p>The specific requirement refers to the central services used by AES-P1 and maintained by DG TAXUD. Therefore, there is no need for any additional implementation at the National AES-P1 Application (NECA) to comply with this non-functional requirement.</p>	
AES_MON_0002	Metrics	<p>The following metrics must be reported:</p> <ul style="list-style-type: none">– Common metrics exposed by the application server such as CPU load, heap usage, IO activity, JMS Queue (number of pending messages), JDBC data sources (number of free connections), number of threads;– Health checks where components should check that they are able to perform the necessary functions. The TA must provide framework to simplify implementation of health checks on the component level. Exact checks are component specific and should be defined at design time of the component. <p>The specific requirement refers to the central services used by AES-P1 and maintained by DG TAXUD. Therefore, there is no need for any additional implementation at the National AES-P1 Application (NECA) to comply with this non-functional requirement.</p>	

Table 11: Monitoring Requirements

2.11. Ownership of Assets Requirements

REQUIREMENT ID	REQUIREMENT NAME	REQUIREMENT DESCRIPTION	RELATED TEST
AES_OOA_0001	Data Masking Strategies	<p>Data masking strategies and techniques must be used for production data before they are sent for use in non-production environments.</p> <p>Data masking strategies and techniques will obscure or depersonalize specific data within a database table or a flat file ensuring data security is maintained and customer information is not leaked outside of authorised environments. The data masking algorithms are applied across multiple tables, applications and environments so referential and business integrity will always be maintained. This allows testing and development teams to</p>	

		carry out project work safely and efficiently.	
AES_OOA_0002	Data Ownership	<p>The owner of data is holding the responsibility of the data quality.</p> <p>The EC is normally owner of all reference data, while an MS is normally owner of all business data originating from those MS:</p> <ul style="list-style-type: none">- The reference data are owned by DG TAXUD and can only be changed by DG TAXUD users;- The data exchanged between the MS is owned by the MS that created it.	

Table 12: Ownership of Assets Requirements

2.12. Performance Requirements

REQUIREMENT ID	REQUIREMENT NAME	REQUIREMENT DESCRIPTION	RELATED TEST
AES_PER_0001	Performance Requirements	<p>The AES must strive for the lowest response times, which are defined as follows: when measured in the standard stress test configuration, AES response time with respect to requests from all users shall not exceed 2 seconds.</p> <p>Longer response time periods may be deemed acceptable for some types of operations (e.g., report generation, extractions, and complex queries). Each case of such ‘anticipated’ longer response time shall be agreed upon and documented as an exception.</p>	

Table 13: Performance Requirements

2.13. Scalability Requirements

REQUIREMENT ID	REQUIREMENT NAME	REQUIREMENT DESCRIPTION	RELATED TEST
AES_SCA_0001	Maximum Size of Messages Exchanged via CCN	The AES must be designed to support maximal size of messages exchanged via CCN queues. This is a configurable value, so there should be no dependency on the current maximal size of the message.	
AES_SCA_0002	Multiple Users	The AES must allow concurrent users to work, while guaranteeing the consistency of the data. An action by a user should not invalidate another user's data without at least notification.	
AES_SCA_0003	Scalable Architecture	<p>The AES must be architected to horizontally scale including increased number of users and increased transaction and data volume without changing technical architecture (the underlying infrastructure architecture will probably change).</p> <p>The amount of messages exchanged via CCN increases by 30% annually. This statement does not imply that the architecture must support 30% annual increase because messages are distributed across applications,</p>	

		environments, etc. But it indicates that the architecture must be scalable.	
AES_SCA_0004	Split Messages that Exceed Size	The AES must be able to split messages sent to the CCN if a size limit is exceeded. The size limit is equal to the CCN or NA message size limit, depending which limit is lower.	

Table 14: Scalability Requirements

2.14. Security and Data Protection Requirements

REQUIREMENT ID	REQUIREMENT NAME	REQUIREMENT DESCRIPTION	RELATED TEST
AES_SEC_0001	Compliance	<p>The AES must provide support to applications in order to comply with the TEMPO security policy</p> <p>Compliance with the TEMPO security policy implies that the AES and the data exchanged between the national IT systems complies with the applicable directives, regulations and decisions related to security and data protection, i.e.:</p> <ul style="list-style-type: none">- Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation);- Regulation (EU) 2018/1725 of the European Parliament and of the Council of 23 October 2018 on the protection of natural persons with regard to the processing of personal data by the Union institutions, bodies, offices and agencies and on the free movement of such data, and repealing Regulation (EC) No 45/2001 and Decision No 1247/2002/EC;- Commission Decision (EU, Euratom) 2015/444 of 13 March 2015 on the security rules for protecting EU classified information;- Commission Decision (EU, Euratom) 2017/46 of 10 January 2017 on the security of communication and information systems in the European Commission.	

Table 15: Security and Data Protection Requirements

2.15. Usability Requirements

REQUIREMENT ID	REQUIREMENT NAME	REQUIREMENT DESCRIPTION	RELATED TEST
AES_USE_0001	Multiple Users	The new system must allow several users to work simultaneously, while guaranteeing coherence.	
AES_USE_0002	Textual Data	It must be possible to enter textual data in the interactive client any present or future official language of the EU using [UTF-8] encoding.	
AES_USE_0003	User Interface Uniformity	User Interface should be uniform for the end users (not	

		necessary for administrators).	
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Table 16: Usability Requirements

2.16. Volumetric Requirements

Requirement ID	Requirement Name	Requirement Description	Related Test
AES_VOL_0001	Number of IEs	The AES must support up to x IEs per business day.	

Table 17: Volumetric Requirements

