Spett.le Enav S.p.A. Funzione Acquisti Via Salaria, 716 00138 ROMA

Gara europea a procedura negoziata con bando per "Acquisizione, installazione ed integrazione di un tool di supporto al sequenziamento degli arrivi sugli aeroporti maggiori (Arrival Manager)" CIG 66088091B7

## MODELLO ATTRIBUZIONE PUNTEGGIO TECNICO CRITERIO TABELLARE ID 2 (PARAGRAFO 13 DISCIPLINARE DI GARA).

Rispondenza agli ulteriori requisiti per la caratterizzazione del software relativamente alla Appendice della Specifica tecnica paragrafo 11.2 tabella 4

ID	Descrizione	Peso	SI	NO
R-CFG-0130	AMAN shall allow off-line definition of LVP rate (flights per hour) for each configured runway.	0,20		
R-CFG-0140	AMAN shall allow off-line definition of LVP spacing (NM) for each configured runway.	0,20		
R-CFG-0160	AMAN shall allow off-line definition of Stability Interval Set associated to different configurable geographical areas in order to support sequence stability.	0,20		
R-CFG-0330	For each configured runway, AMAN shall allow modification of LVP rates.	0,20		
R-CFG-0340	For each configured runway, AMAN shall allow modification of LVP spacing.	0,20		
R-FUN-0110	If planned runway of an inbound flight differ from the AMAN Runway, AMAN shall suggest a new Runway.	0,20		
R-FUN-0190	AMAN shall provide total delay at the runway advice, for each inbound flight, as difference between TTA and ETA.	0,20		
R-FUN-0300	AMAN shall change the sequence position of a flight only if the difference between the calculated ETA and TTA is outside the pre-defined Stability Interval in the associated geographical area.	0,20		
R-FUN-0370	If the total delay exceed a pre-defined amount (Maximum Delay allowed of current ATSU + Shared Delay of adjacent upstream ATSU), AMAN shall re-distribute remaining delay to the TMA.	0,20		

R-HMI-0010  AMAN HMI shall be deployed on a dedicated Working Position (narrow vertical monitor with the following dimensions; 40x60 cm).  R-HMI-0020  AMAN HMI shall be deployed on:  2 5 working positions in ROMA ACC OPS  1 Up to 14 working positions in PADOVA ACC OPS  1 Up to 7 working positions in PADOVA ACC OPS  1 Up to 7 working positions in ROMA ACC Simulation Environment  5 working positions in MILANO ACC Simulation Environment  5 working positions in PADOVA ACC Simulation Environment  2 working positions in BRINDISI ACC Simulation Environment  5 working positions in BRINDISI ACC Simulation Environment  2 working positions in BRINDISI ACC Simulation Environment  4 working positions in BRINDISI ACC Simulation Environment  8 working positions in MILANO PSA. The precise number will be provided by ENAV during Definition Phases.  R-HMI-0050  AMAN HMI shall be configured in order to follow (on the CALLSIGN field) the following colour coding currently implemented in SATCAS CWP:  1 LIGHT GREEN —> Flights assumed under the sector control (CONCERNED Flights)  1 YELLOW ->-Flights in Pending Status  1 RED -> Flights for which an STCA A larm is detected  MAGENTA -> Flights in Pending Status  1 RED -> Flights or which an STCA A larm is detected  MAGENTA -> Flights in Pending Status  1 RED -> Flights STOR WHITE -> Exit Handover Flights  1 LIGHT GREEN (CALLSIGN) & WHITE -> Exit Handover Flights  1 LIGHT GREEN (CALLSIGN) & WHITE -> Exit Handover Flights  2 WHITE -> Nearby Flights.  R-HMI-0130  AMAN HMI shall display the Timeline Window with a dark grey background.  R-HMI-0150  AMAN HMI shall allow to on-line select the Timelines to be displayed on each working position by selecting the corresponding Runway/Airport.  0,02  CHMI-0160  AMAN HMI shall allow to on-line select the COP Lists to be displayed on each working position by selecting the corresponding Runway/Airport.	
R-HMI-0020  R-HMI-0020  AMAN HMI shall be deployed on:  *25 working positions in ROMA ACC OPS  *22 working positions in MILANO ACC OPS  *Up to 14 working positions in BRINDISI ACC OPS  *Up to 7 working positions in BRINDISI ACC OPS  *9 working positions in BRINDISI ACC OPS  *9 working positions in MILANO ACC Simulation Environment  *5 working positions in MILANO ACC Simulation Environment  *5 working positions in BRINDISI ACC Simulation Environment  *9 working positions in BRINDISI ACC Simulation Environment  *9 working positions in BNAV Academy  *2 working positions in BNAV Academy  *2 working positions in MILANO PSA  The precise number will be provided by ENAV during Definition Phases.  R-HMI-0050  AMAN HMI shall be configured in order to follow (on the CALLSIGN field) the following colour coding currently implemented in SATCAS CWP:  *LIGHT GREEN> Flights assumed under the sector control (CONCERNED Flights)  *YELLOW> Flights in Pending Status  *RED> Flights for which an STCA Alarm is detected  *MAGENTA> Flights under Transfer of Control (TOC), i.e. Tentative Flights  *DARK GREEN> Concerned AIS Flights  *LIGHT GREEN (CALLSIGN) & WHITE> Exit Handover Flights  *WHITE> Nearby Flights.  *WHITE> Nearby Flights  *WHITE> Nearby Flights  *WHITE> Nearby Flights  *WHITE> Nearby Flights  AMAN HMI shall display the Timeline Window with a dark grey background.  AMAN HMI shall allow to on-line select the Timelines to be displayed on each working position by selecting the corresponding Runway/Airport.  AMAN HMI shall allow to on-line select the COP Lists to be displayed on each working position by selecting	
R-HMI-0020  AMAN HMI shall be deployed on:  * 25 working positions in ROMA ACC OPS  * 22 working positions in MILANO ACC OPS  * Up to 14 working positions in PADOVA ACC OPS  * Up to 7 working positions in PADOVA ACC OPS  * 9 working positions in ROMA ACC Simulation Environment  * 5 working positions in MILANO ACC Simulation Environment  * 5 working positions in PADOVA ACC Simulation Environment  * 5 working positions in BRINDISI ACC Simulation Environment  * 5 working positions in BRINDISI ACC Simulation Environment  * 9 working positions in BNAV Academy  * 2 working positions in ROMA PSA  * 2 working positions in MILANO PSA. The precise number will be provided by ENAV during Definition Phases.  R-HMI-0050  AMAN HMI shall be configured in order to follow (on the CALLSIGN field) the following colour coding currently implemented in SATCAS CWP:  * LIGHT GREEN -> Flights assumed under the sector control (CONCERNED Flights)  * YELLOW -> Flights in Pending Status  * RED -> Flights for which an STCA Alarm is detected  * MAGENTA> Flights under Transfer of Control (TOC), i.e. Tentative Flights  * DARK GREEN -> Concerned AIS Flights  * LIGHT GREEN (CALLSIGN) & WHITE> Exit Handover Flights  * WHITE> Nearby Flights.  R-HMI-0090  It shall be possible to on-line select the window to be displayed by clicking on a dedicated button.  AMAN HMI shall allow to on-line select the Timelines to be displayed on each working position by selecting the corresponding Runway/Airport.  AMAN HMI shall allow to on-line select the COP Lists to be displayed on each working position by selecting	
* 25 working positions in ROMA ACC OPS  * 22 working positions in MILANO ACC OPS  * Up to 14 working positions in PADOVA ACC OPS  * Up to 7 working positions in BRINDISI ACC OPS  * 9 working positions in ROMA ACC Simulation Environment  * 5 working positions in MILANO ACC Simulation Environment  * 5 working positions in PADOVA ACC Simulation Environment  * 5 working positions in PADOVA ACC Simulation Environment  * 9 working positions in BRINDISI ACC Simulation Environment  * 9 working positions in BRINDISI ACC Simulation Environment  * 9 working positions in BRINDISI ACC Simulation Environment  * 9 working positions in ROMA PSA  * 2 working positions in MILANO PSA. The precise number will be provided by ENAV during Definition Phases.  R-HMI-0050  AMAN HMI shall be configured in order to follow (on the CALLSIGN field) the following colour coding currently implemented in SATCAS CWP:  * LIGHT GREEN -> Flights assumed under the sector control (CONCERNED Flights)  * YELLOW -> Flights of which an STCA Alarm is detected  * MAGENTA> Flights for which an STCA Alarm is detected  * MAGENTA> Flights under Transfer of Control (TOC), i.e. Tentative Flights  * DARK GREEN -> Concerned AIS Flights  * LIGHT GREEN (CALLSIGN) & WHITE> Exit Handover Flights  * WHITE> Nearby Flights.  R-HMI-0090  It shall be possible to on-line select the window to be displayed by clicking on a dedicated button.  Q,02  R-HMI-0130  AMAN HMI shall display the Timeline Window with a dark greey background.  AMAN HMI shall allow to on-line select the Timelines to be displayed on each working position by selecting the corresponding Runway/Airport.  AMAN HMI shall allow to on-line select the COP Lists to be displayed on each working position by selecting	
* 22 working positions in MILANO ACC OPS  * Up to 14 working positions in PADOVA ACC OPS  * Up to 7 working positions in BRINDISI ACC OPS  * 9 working positions in ROMA ACC Simulation Environment  * 5 working positions in MILANO ACC Simulation Environment  * 5 working positions in PADOVA ACC Simulation Environment  * 5 working positions in BRINDISI ACC Simulation Environment  * 9 working positions in BRINDISI ACC Simulation Environment  * 9 working positions in BRINDISI ACC Simulation Environment  * 9 working positions in ROMA PSA  * 2 working positions in ROMA PSA  * 2 working positions in ROMA PSA  The precise number will be provided by ENAV during Definition Phases.  R-HMI-0050  AMAN HMI shall be configured in order to follow (on the CALLSIGN field) the following colour coding currently implemented in SATCAS CWP:  * LIGHT GREEN> Flights assumed under the sector control (CONCERNED Flights)  * YELLOW> Flights in Pending Status  * RED> Flights for which an STCA Alarm is detected  * MAGENTA> Flights under Transfer of Control (TOC), i.e. Tentative Flights  * DARK GREEN>Concerned AIS Flights  * LIGHT GREEN (CALLSIGN) & WHITE> Exit Handover Flights  * WHITE>Nearby Flights.  Q,02  R-HMI-0190  It shall be possible to on-line select the window to be displayed by clicking on a dedicated button.  AMAN HMI shall allow to on-line select the Timelines to be displayed on each working position by selecting the corresponding Runway/Airport.  Q,02  AMAN HMI shall allow to on-line select the COP Lists to be displayed on each working position by selecting	
* Up to 14 working positions in PADOVA ACC OPS  * Up to 7 working positions in BRINDISI ACC OPS  * 9 working positions in ROMA ACC Simulation Environment  * 5 working positions in MILANO ACC Simulation Environment  * 5 working positions in PADOVA ACC Simulation Environment  * 5 working positions in BRINDISI ACC Simulation Environment  * 9 working positions in BRINDISI ACC Simulation Environment  * 9 working positions in ROMA PSA  * 2 working positions in ROMA PSA  The precise number will be provided by ENAV during Definition Phases.  R-HMI-0050  AMAN HMI shall be configured in order to follow (on the CALLSIGN field) the following colour coding currently implemented in SATCAS CWP:  * LIGHT GREEN> Flights assumed under the sector control (CONCERNED Flights)  * YELLOW>Flights in Pending Status  * RED> Flights for which an STCA Alarm is detected  * MAGENTA> Flights under Transfer of Control (TOC), i.e. Tentative Flights  * DARK GREEN>Concerned AIS Flights  * LIGHT GREEN (CALLSIGN) & WHITE> Exit Handover Flights  * WHITE> Nearby Flights.  R-HMI-0090  R-HMI-0130  AMAN HMI shall display the Timeline Window with a dark grey background.  AMAN HMI shall allow to on-line select the Timelines to be displayed on each working position by selecting the corresponding Runway/Airport.  O,02  R-HMI-0150  AMAN HMI shall allow to on-line select the COP Lists to be displayed on each working position by selecting	
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the corresponding COP.	
D IIM 0210 AMANI IIM datall diselegate alemaine situation in the	
R-HMI-0210 AMAN HMI shall display the planning situation in the	
Timeline Window on both sides of the Timeline, according	
to off-line configuration. West-bound flights shall be	
displayed on the left part of the Timeline and East-bound	
flights shall be displayed on the right. $0.02$	
R-HMI-0230 AMAN HMI shall allow to on-line change the	
orientation of the Timelines according to the orientation of	
the corresponding runways. 0,02	
R-HMI-0290 AMAN HMI shall display the AMAN Flight State by	
means of the following off-line defined colours associated to	
the Connector Line:	
* WHITE: for flights in the Active Horizon	
* GRAY: for flights in the Frozen Horizon	
* DASHED GRAY: For flights in the Common Path. 0,04	

R-HMI-0310	AMAN HMI shall display the fields of each Flight		
	Label with the following colour coding:		
	* CALLSIGN: Flight Status		
	* TTL: Yellow or Orange (if TTL>Maximum delay)		
	* TTG: Cyan		
	* NO DELAY: white		
	* All other fields: white.		
	All other fields, white.	0,04	
R-HMI-0320	AMAN HMI shall display, according to the off-line		
	configured Metering fixes, on the Airport Timeline both		
	flights under control and flights not under control, belonging		
	to neighbouring sectors and which are sequenced on the		
	same airport. The flight labels shall follow the Flight status		
	colour coding.		
	colour counig.	0,04	
R-HMI-0330	On selecting a flight Label, its background colour shall	ĺ	
10 111/11 0550	change according to off-line configuration.		
	change according to on-line configuration.	0,04	
R-HMI-0350	AMAN HMI shall indicate manually sequenced flights		
	in the last field of the Flight Label.		
	v. v 140 v 110	0,04	
R-HMI-0370	When the current TTL assigned to a flight is greater		
	than an off-line configured threshold, the corresponding		
	TTL/TTG field in the Flight Label shall change colour.	0,04	
R-HMI-0380	AMAN HMI shall allow to acknowledge an	7,01	
K-111VII-0500	highlighted TTL field.	0,04	
R-HMI-0470		0,01	
K-111/11-04/0	AMAN HMI shall allow, by clicking with the left		
	mouse button on the buttons of the button bar, to display the	0.02	
	corresponding content information window.	0,02	
R-HMI-0480	On selecting one of the buttons of the button bar, a		
	specific dedicated window shall open in an off-line defined		
	position displaying the related information content.	0,02	
R-HMI-0490	By clicking with the left mouse button on the		
	CONFIGURATION button in the Button Bar, AMAN HMI		
	shall display a dedicated AMAN configuration window		
	which allows to change the following HMI settings related to		
	the displayed Timelines:		
	NUMBER OF DISPLAYED TIMELINES;		
	• RUNWAYS/METERING FIXES displayed on the		
	Timelines;		
	• Displayed TIME HORIZON;		
	Orientation of Flight Labels on the Timeline.	0.00	
		0,02	
R-HMI-0500	By clicking with the left mouse button on the		
	REMOVED FLIGHTS button in the Button Bar, AMAN		
	HMI shall display non-sequenced flights in a dedicated		
	Removed Flights List Window.	0,02	
R-HMI-0530	AMAN HMI shall display in the Removed Flights List		
	Window the following possible de-sequencing reasons:		
	Manual removal from the sequence;		
	• Flights with invalid or unknown route;		
	Automatically de-sequenced flights.	0,02	
R-HMI-0540	AMAN HMI shall display the Removed Flights button	- · · · · · ·	
12-111/11-0340			
	in the Button Bar with the following colours:		
	• GRAY: when the Removed flights list is empty;		
	ORANGE: when the Removed Flights List Window		
	contains at least one flight.	0,02	
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R-HMI-0550	For each flight in the non-sequenced flight list, AMAN HMI shall display the following information in the flight label:  • CALLSIGN;  • ICAO Aircraft Type code;  • WTC;  • Metering FIX;  • Reason for de-sequencing;  • ADEP;  • ADES;  • ETA (if available);  • TTO (EAT 4 CHARS).	0,02	
R-HMI-0580	Each time a parameter changes value, the corresponding information is highlighted in the Timeline Window.	0,02	
R-HMI-0610	AMAN HMI shall display the fields in the Status Bar as follows:  • GRAY: all data is available;  • ORANGE: data reception is interrupted;  • RED: no connection is established/no data is available.	0,02	
R-HMI-0780	AMAN HMI shall allow to change the position of a flight on the current runway as follows:  1. AB press & hold on the CALLSIGN field of the Flight Label;  2. AB release on desired position (before or after a flight).	0,02	
R-HMI-0790	AMAN HMI shall allow to change the TTA for a flight on the current runway as follows:  1. AB press & hold on connector line; 2. Current TTA is highlighted; 3. Timeline displays 1 minute step timing; 4. On mouse move the Time is highlighted related to the position; 5. AB release on desired TTA.	0,02	
R-HMI-0800	AMAN HMI shall allow to change the runway for a flight as follows:  1. AB press & hold on CALLSIGN field;  2. On mouse move on the other runway:  o Timeline displays 1 minute step timing; o Time is highlighted related to the position.  3. AB release:  o A window is displayed with three choices:  - Change runway: AMAN shall automatically re-sequence the flight on the new runway;  - Change runway at specified position: AMAN shall insert the flight in the released position (after or before a flight);  - Change runway at specified TTA: AMAN shall insert the flight at the		
	highlighted TTA.	0,02	

R-HMI-0810	On WB click on CALLSIGN field of the Flight Label,		
	AMAN HMI shall display a window with the following		
	choices:		
	<ul> <li>Remove: the selected flight is removed from the sequence and inserted in the non-sequence flight window;</li> </ul>		
	Freeze: the flight position is locked;		
	Unfreeze: the flight position is unlocked;		
	• Spacing:		
	1. A window is displayed that allows the definition of a		
	flight-dependent separation		
	in NM after the selected flight;		
	2. A spacing indicator is displayed on the Timeline;		
	3. AB click on Spacing Indicator:		
	o A window is displayed that allows to change or		
	remove the flight-dependent		
	separation;		
	• Priority: the flight is re-sequenced in such a way that its		
	TTA is as close as possible to		
	its ETA (TTG remains applicable);		
	<ul> <li>Emergency: the concerned flight is the only landing a the allocated runway;</li> </ul>		
	**	0,02	
R-HMI-0820	On IB click on the CALLSIGN field of the Flight		
	Label, the latter shall be extended with additional flight	0.02	
	information.	0,02	
R-HMI-0830	AMAN HMI shall allow to Re-Insert a non-sequenced		
	flight, except for flights with invalid or unknown route by		
	the following interaction with the Removed Flights List:		
	<ol> <li>AB press &amp; hold on CALLSIGN field;</li> <li>On mouse move on a runway Timeline:</li> </ol>		
	o Timeline displays 1 minute step timing;		
	o Time is highlighted related to the position.		
	3. AB release:		
	o A window is displayed with three choices:		
	-Change runway: AMAN shall automatically re-		
	sequence the flight on the new		
	runway;		
	- Change runway at specified position: AMAN		
	shall insert the flight in the		
	released position (after or before a flight);		
	- Change runway at specified TTA : AMAN		
	shall insert the flight at the		
	highlighted TTA.	0,02	
R-HMI-0900	AMAN HMI shall allow authorized users to manually		
	modify the LVP RATE by setting runway arrival rate (flight		
	per hour), selecting from a pre-defined set of LVP rates. The		
	runway rate change shall be displayed as Runway Rate		
	Indicator in the Timeline Window and shall also be		
	displayed at the bottom of the Timeline Window in the parameter Section.	0,02	
R-HMI-0910	AMAN HMI shall allow authorized users to manually	0,02	
K-UMI-0310	modify the LVP SPACING by setting the minimum		
	separation (NM) between two subsequent flights on the same		
	runway, selecting from a pre-defined set of LVP spacing.		
	The arrival spacing change shall be displayed as Runway		
	Spacing Indicator in the Timeline Window and shall also be		
	displayed at the bottom of the Timeline Window in the		
	parameter Section.	0,02	
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R-IRQ-0020	The ENV Interface shall be able to receive the following environmental data:  • Fixes;  • Aerodromes;  • Sectors;		
	Geographical Volumes;	0,2	
R-IRQ-0030	The ENV Interface shall exchange data via EUROCONTROL FMTP ("Flight Message Transfer Protocol") as defined in the community specification N.0100 Edition 2.0[].		
		0,2	
R-IRQ-0040	The ENV Interface shall be able to receive data using the XML format following the specification provided by ENAV during Project Definition Phase.	0,1	
R-SPV-0020	The Supervision shall monitor the actual status of the following components:  • AMAN hardware (Client, Server, LAN);  • AMAN software;  • AMAN interface with SATCAS (FDPS, RDPS, ENV). specifying when any of it has a failure.	0,10	
R-SPV-0070	The AMAN Supervision system shall allow the Technical Supervisor to perform the following class of actions towards managed objects:  • stop, start, restart, enable, disable:  o RDPS acquisition;  o FDPS acquisition;  o HMI communication;  • start, stop, restart one or more logical sector;  • stop, (re)start:  o AMAN HW  o AMAN SW;  o Any server;  o Any AMAN process  • restart NTP synchronization on a server;	0,10	
R-RBP-0010	Video recording & playback system shall encompass all the data produced and managed by AMAN and displayed on dedicated AMAN HMI.	0,10	
R-RBP-0020	Video recording & playback system shall allow the replay of all AMAN operations for each Logical Position.	0,10	
R-DAF-0010	AMAN shall collect statistical data for the following sources:  • FDPS (flight plan data including actual landing time);  • RDPS (ModeS and path monitoring data);  • AMAN (Sequence and advisory data).	0,10	

R-DAF-0020	AMAN shall record, for each inbound flight, at least		
	the following data:		
	• CALLSIGN;		
	• SSR CODE;		
	Aircraft ModeS;		
	• Aircraft Type;		
	Departure Aerodrome;		
	• Entry Fix;		
	• Time/date and level at Entry fix;		
	• Initial Estimated Time of Landing;		
	Initial Track Miles inside a pre-defined area;		
	• Initial Delay;		
	• Initial Runway in use;		
	• Initial flight route;		
	• Landing rate;		
	• Actual time/date of landing;		
	Actual landing Runway;		
	Actual flown radar tracks;		
	Actual Track Miles inside a pre-defined area.		
	Actual Track wines mode a pre defined area.	0,10	
R-NOF-0010	The System shall notify that AMAN server has a		
	failure, removing all the obsolete information if the failure		
	holds for more than 10 seconds.	0,10	
R-NOF-0020	The System shall notify that SA adapter has a failure,		$\exists$
101 0020	removing all the obsolete information if the failure holds for		
	more than 10 seconds.	0,10	
R-NOF-0030	The System shall be able to manage up to 128	0,10	
K-1101-0030	geographical volumes aggregated into a maximum of 50		
	logical sectors.	0,10	
D MOE 0040		0,10	
R-NOF-0040	The System shall be able to manage up to 900 active		
	flights (up to 120 flights for each logical sector)	0,10	
R-NOF-0050	The System shall be able to manage up to 1024 radar		
	track	0,10	
R-NOF-0060	The System shall be able to manage up to 100	,	
101 0000	dedicated AMAN HMIs	0,10	
R-NOF-0070	The System shall be able to manage up to 50	0,10	
K-1101-0070	geographical points for each trajectory.	0,10	
R-NOF-0080		0,10	
K-NOF-0080	The System shall, at initialization, compute the whole		
	situation and to distribute it to dedicated AMAN HMIs in	0,10	
D MOE 0000	less than 2,5 minutes.	0,10	
R-NOF-0090	The System shall, upon any connection lost, re-		
	compute the whole situation and to re-distribute it to		
	dedicated AMAN HMIs in less than 30 seconds without any	0.10	
	resource locking.	0,10	
R-NOF-0100	The System shall, upon AMAN server failure, re-		
	compute the whole situation and to re-distribute it to		
	dedicated AMAN HMIs in less than 30 seconds without any		
	resource locking.	0,10	
R-NOF-0110	The System shall, upon FDPS failure, re-compute the		
	whole situation and to re-distribute it to dedicated AMAN		
	HMIs in less than 2,5 minutes without any resource locking.	0.40	
		0,10	
R-NOF-0120	The System shall manage a change of Sector		
	configuration in less than 15 seconds.	0,10	 _
R-NOF-0130	The System shall be able to accept up to 11 dedicated		
	AMAN HMIs requests per minute.	0.10	
	• •	0,10	
R-NOF-0140	The System shall compute a dedicated AMAN HMIs		
	request in less than 1000 milliseconds (of which 700		
	milliseconds spent for AMAN server elaboration).	0,10	

R-NOF-0150	The System shall update, upon new flight plan insertion or flight plan modification, the presented		
	information in less than 2,5 seconds.	0,10	
R-NOF-0160	The System shall elaborate a sector absorption/splitting in less than 15 seconds.	0,10	
R-NOF-0170	The Availability of AMAN system shall be greater than 0.9999.  Note: 0.9999 is more or less 5 minutes per month.	0,10	
R-TEC-0010	AMAN server shall be able to synchronize its clock with other SATCAS components via NTP protocol.	0,10	
R-TEC-0020	Each HW component of the system (both servers and clients) shall maintain a CPU occupancy less than 50%.	0,10	
R-SFW-0060	The Software developed in this program shall be developed with a technology that ensures an high degree of portability and uses COTS hardware.	0,4	