



Network Manager
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EUROCONTROL SAFETY TOOLS

Integration

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April 2017

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What we understand by integration?



- EUROCONTROL applications that share data and communicate:
 - To improve the quality and meaning of collected data
 - To help users take better decisions based on enhanced data
 - To assist in decision-making

More added
value

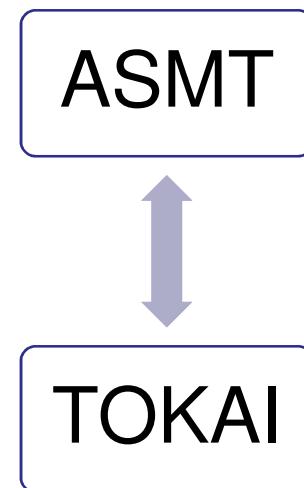


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What we have today (available in ASMT 5)



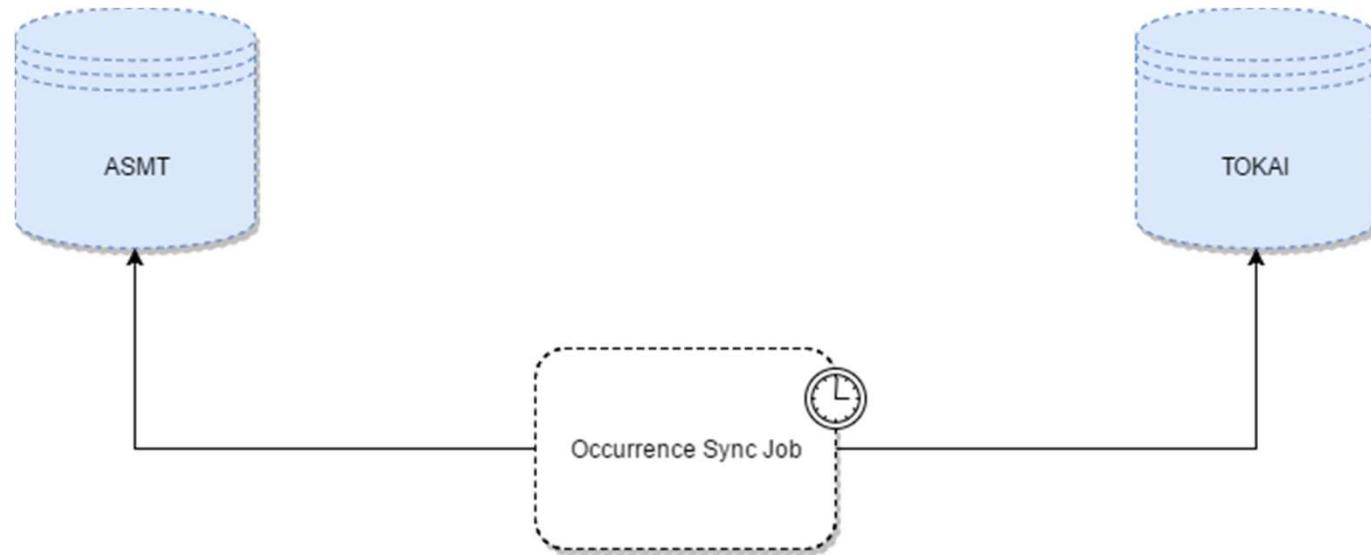
- Basic integration between ASMT and TOKAI:
 - From ASMT, if occurrence is reported in TOKAI, the user can navigate directly to the report to fill in data or to view it
 - From TOKAI report, user can navigate to replay page of ASMT



How does it work?



- A background process matches and links occurrences collected automatically by ASMT with occurrence reports in TOKAI
 - Call Signs
 - Mode-A codes
 - Date and time



Demo



Connected with e-Tokai



Inventory Configuration Statistics User management Technical Watch asmt-manager

Import Clear filters Period filter All Refresh No new occurrences

INVENTORY

Id	Type	Mode	CallSign	Traffic	Sector	Date	Rel.	Risk	MinFl	CPA HS	CPA VS	Duration	H Prof.	V Prof.	HROC	VROC				
816	ALT	2630	BAW16H	IFR	GAT	N/A	08/11/2015,06:51	R	0	FL 359	-10000 Nm	-10000 ft	96 sec	N/A	N/A	N/A	Replay	Open Tokai		
809	ALT	2630	BAW16H	IFR	GAT	N/A	08/11/2015,06:42	R	0	FL 344	-10000 Nm	-10000 ft	243 sec	N/A	N/A	N/A	Replay	Open Tokai		
805	ALT	2620	RYR522Z	IFR	GAT	N/A	08/11/2015,00:36	R	0	FL 380	-10000 Nm	-10000 ft	243 sec	N/A	N/A	N/A	Replay	Open Tokai		
802	ALT	2620	RYR522Z	IFR	GAT	N/A	08/11/2015,06:31	R	0	FL 380	-10000 Nm	-10000 ft	244 sec	N/A	N/A	N/A	Replay	Open Tokai		
795	ALT	2612	DLH3LY	IFR	GAT	RUHR_N	08/11/2015,06:09	R	0	FL 319	-10000 Nm	-10000 ft	244 sec	N/A	N/A	N/A	Replay	Open Tokai		
792	SMI	2207-6426	N/A-N/A	IFR-IFR	GAT-GAT	N/A	08/11/2015,06:07	R	1	FL 350	0.26 Nm	1000 ft	40 sec	Acute	Parallel	864 kn	0 ft/min	Replay	Open Tokai	
790	SMI	2207-6141	N/A-N/A	IFR-IFR	GAT-GAT	N/A	08/11/2015,06:07	R	1	FL 350	1.78 Nm	1000 ft	36 sec	Acute	Parallel	780 kn	0 ft/min	Replay	Open Tokai	
781	ALT	5435	WZZ172A	IFR	GAT	RHEIN_SAALE	08/11/2015,05:38	R	0	FL 340	-10000 Nm	-10000 ft	68 sec	N/A	N/A	N/A	Replay	Open Tokai		
782	ALT	2636	WZZ1DH	IFR	GAT	N/A	08/11/2015,05:34	R	0	FL 344	-10000 Nm	-10000 ft	243 sec	N/A	N/A	N/A	Replay	Open Tokai		
✓	829	SMI	5633-7115	N/A-N/A	IFR-IFR	GAT-GAT	RHEIN_NATTENHEIM	07/11/2015,07:13	R	1	FL 350	4.56 Nm	1050 ft	12 sec	Head on	Parallel	212 kn	-56 ft/min	Replay	Open Tokai



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Other ideas for integration



- Help Tokai users by automatically filling in information like
 - Occurrence position
 - Risk of collision (for SMI)
 - Rates of closure
- Help Tokai users capture snapshots (pictures) of an existing occurrence directly from ASMT
- Aggregate information from both tools in a **safety intelligence tool** to assist in decision making



Other ideas for integration



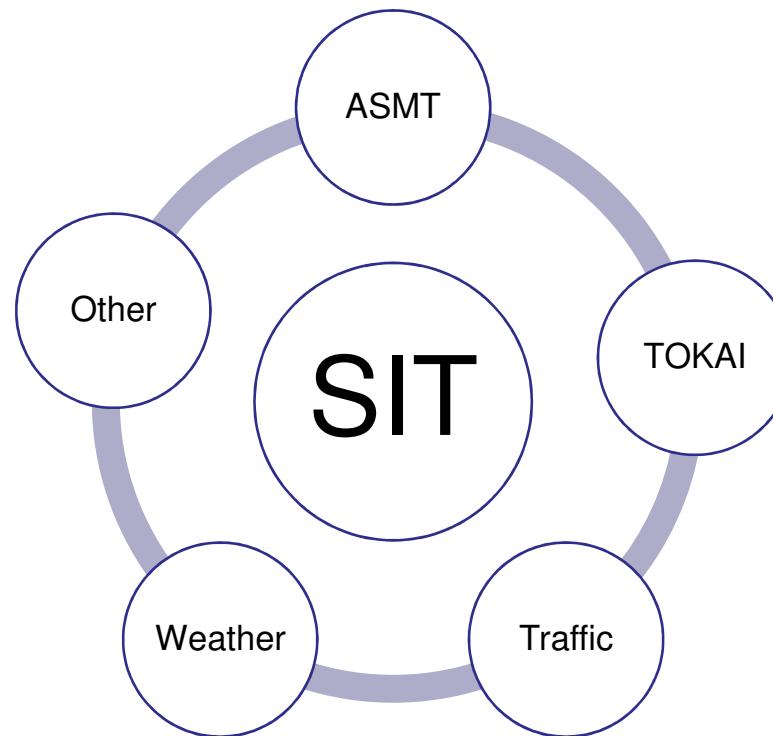
- Help Tokai users by automatically filling in information like
 - Occurrence position
 - Risk of collision (for SMI)
 - Rates of closure
- Help Tokai users capture snapshots (pictures) of an existing occurrence directly from ASMT
- Determine the organization level of reporting
- Aggregate information from both tools in a **safety intelligence tool** to assist in decision making



Safety Intelligence



- Collect and enhance data from multiple sources in order to offer meaningful and useful information for the end-user



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AVIATION