

NM SAFETY MANAGEMENT TOOLS WORKSHOP

ASMT User stories and Beyond

ROMATSA HQ, Bucharest, 26 APR 2017

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Military service: 2001 – 2016

ATCO: 2006 – 2016

TWR/APP licensed for GAT: 2011-2016

TWR OJTI: 2013-2016

LPS SR: since 03/2016

Focus:

- internal investigation
- safety survey
- ASMT

Remaining valid as STDI

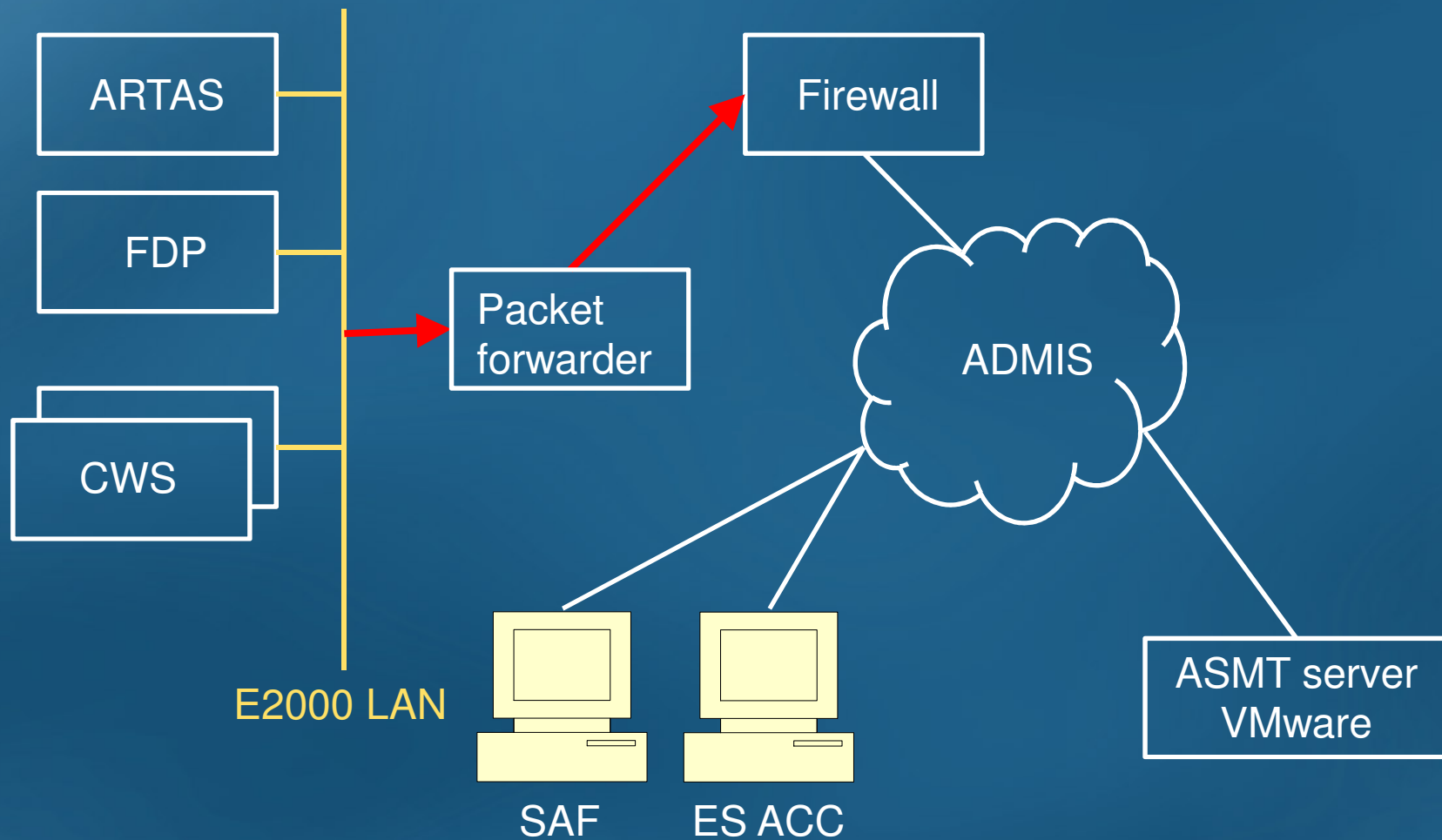


Agenda

- Connection
- Records / Occurrences
- Data usage
- ASMT ver. 4.3
- Future Improvements ?
- Question

Connection

ASMT connection to ATM system



Records / Occurrences

- STCA
- SMI
- TCAS RA



Records / Occurrences

	Number of flights	Number of STCA and PCT	STCA				STCA PREC			
			STCA	Relevant	Nuisance	False	PCT	Relevant	Nuisance	False
JAN	30 712	441	333	42	290	1	108	33	75	0
FEB	28 965	443	305	24	279	2	138	28	110	0
MAR	33 870	607	390	16	368	6	217	19	198	0
APR	37 270	727	494	10	477	7	233	32	201	0
MAJ	44 013	926	646	2	636	8	280	6	274	0
JUN	50 339	1399	937	21	903	13	462	43	419	0
JUL	58 687	1769	1193	13	1162	18	576	50	526	0
AUG	57 700	1808	1292	24	1245	23	516	40	476	0
SEP	52 259	1483	1058	11	1029	18	425	35	390	0
OKT	44 419	945	692	13	674	5	253	24	229	0
NOV	33 115	625	442	11	424	7	183	11	172	0
DEC	33 806	572	390	4	381	5	182	10	171	1
Overall	505 155	11 745	8 172	191	7 868	113	3 573	331	3 241	1
Month. Ø	42 096	979	681	16	525	9	298	28	270	0,08



Data usage

A problem has been detected and windows has been shut down to prevent damage to your computer.

DRIVER_IRQL_NOT_LESS_OR_EQUAL

If this is the first time you've seen this stop error screen, restart your computer. If this screen appears again, follow these steps:

Undo any stupid modifications you made to my system files or registry.
Re-enable all of the services that you turned off. Turn the pagefile back on. Disable all your silly batch files.

If the problems persist, I don't know what to fucking tell you this time. We have been down this road many times before and you still insist on fucking with shit that you have no understanding of.

Technical information:

*** STOP: 0x000000D1 (0xE1071800,0x0000001C,0x00000000,0xF7CDA403)

*** myfault.sys - Address F7CDA403 base at F7CDA000, DateStamp 43774e1d

Beginning dump of physical memory

Dumping physical memory to disk: 7

Data usage

- Statistics
- Reports to Eurocontrol
- Monitoring of reporting culture
- Cooperation with Military INV



- TCAS RA
- Inventory
- User layout





ASMT ver. 4.3

Inventory

INVENTORY													
Type	SubType	ModeA	CallSign	Traffic	Date	Rel.	Risk	HCPA HS	HCPA VS	VCRA HS	VCRA VS		
✓ STCA	ESTCA CONF	6401 - 6456	SK53N - CCA808	GAT - GAT	26/04/2017, 11:26	0	0	24.25 Nm	1000 ft	25.73 Nm	900 ft		Replay
✓ STCA	ESTCA CONF	6955 - 6422	N/A - GOWME	GAT - GAT	26/04/2017, 10:25	0	0	1.49 Nm	925 ft	1.83 Nm	900 ft		Replay
✓ STCA	ESTCA PREC	6955 - 5355	N/A - PD150B	GAT - Unknown	26/04/2017, 10:22	0	0	28.55 Nm	4125 ft	28.55 Nm	4125 ft		Replay
✓ STCA	ESTCA CONF	4637 - 7370	QTR702 - N/A	GAT - GAT	26/04/2017, 10:02	0	0	24.26 Nm	975 ft	26.39 Nm	975 ft		Replay
✓ STCA	ESTCA PREC	4637 - 7370	QTR702 - N/A	GAT - GAT	26/04/2017, 10:01	0	0	27.11 Nm	975 ft	37.24 Nm	975 ft		Replay
✓ STCA	ESTCA CONF	1000 - 6404	KKKXLE - THY02K	GAT - GAT	26/04/2017, 09:57	0	0	4.36 Nm	900 ft	4.36 Nm	900 ft		Replay
✓ STCA	ESTCA CONF	2247 - 1000	QTRBE - KKK07U	GAT - GAT	26/04/2017, 09:57	0	0	5.66 Nm	1975 ft	5.75 Nm	1950 ft		Replay
✓ STCA	ESTCA CONF	3456 - 7222	RYR06KZ - N/A	GAT - GAT	26/04/2017, 09:24	0	0	14.41 Nm	5775 ft	14.41 Nm	5775 ft		Replay
✓ STCA	ESTCA PREC	3456 - 7222	RYR06KZ - N/A	GAT - GAT	26/04/2017, 09:24	0	0	10.62 Nm	7050 ft	10.62 Nm	7050 ft		Replay
✓ STCA	ESTCA CONF	3456 - 4503	RYR06KZ - N/A	GAT - GAT	26/04/2017, 09:24	0	0	16.29 Nm	1675 ft	22.97 Nm	1525 ft		Replay
✓ STCA	ESTCA PREC	2717 - 1731	KAC118 - WZZ2222	GAT - GAT	26/04/2017, 09:11	0	0	42.53 Nm	425 ft	42.53 Nm	425 ft		Replay
✓ STCA	ESTCA CONF	1000 - 0635	AFR1021 - WZZ4X0	GAT - GAT	26/04/2017, 08:36	0	0	4.13 Nm	1025 ft	4.59 Nm	1000 ft		Replay
✓ STCA	ESTCA PREC	6016 - 0274	SAS1045 - EZV27TV	GAT - GAT	26/04/2017, 05:54	0	0	36.47 Nm	200 ft	40.76 Nm	75 ft		Replay
✓ STCA	ESTCA CONF	3210 - 2801	UA443 - RYR8745	GAT - GAT	26/04/2017, 05:31	0	0	4.12 Nm	1625 ft	6.40 Nm	975 ft		Replay
✓ STCA	ESTCA CONF	3213 - 0261	N/A - AFL2423	GAT - GAT	19/04/2017, 22:34	0	0	3.74 Nm	975 ft	5.57 Nm	975 ft		Replay
✓ SAR	N/A	3201 - 3201	N/A - PG110U	GAT - GAT	19/04/2017, 20:59	3	3	1.3 Nm	0 ft	1.3 Nm	0 ft		Replay
✓ STCA	ESTCA PREC	6422 - 1000	THY405 - AUA767R	GAT - GAT	19/04/2017, 19:19	0	0	13.56 Nm	3025 ft	13.56 Nm	3025 ft		Replay
✓ STCA	ESTCA PREC	6013 - 7624	AFL2404 - N/A	GAT - GAT	19/04/2017, 17:56	0	0	33.27 Nm	1000 ft	36.83 Nm	1000 ft		Replay
✓ STCA	ESTCA CONF	3403 - 6414	N/A - AFL2413	GAT - GAT	19/04/2017, 17:44	0	0	2.45 Nm	1000 ft	29.96 Nm	1000 ft		Replay
✓ STCA	ESTCA PREC	3403 - 6414	N/A - AFL2413	GAT - GAT	19/04/2017, 17:44	0	0	30.84 Nm	1000 ft	32.55 Nm	1000 ft		Replay
✓ STCA	ESTCA CONF	6524 - 6416	N/A - RYR021Z	GAT - GAT	19/04/2017, 16:49	0	0	1.36 Nm	1000 ft	1.80 Nm	975 ft		Replay
✓ STCA	ESTCA CONF	6540 - 1421	N/A - ABR711	GAT - GAT	19/04/2017, 15:36	0	0	4.19 Nm	1000 ft	12.14 Nm	1000 ft		Replay
✓ STCA	ESTCA CONF	7222 - 1475	N/A - KKK38A	GAT - GAT	19/04/2017, 14:22	0	0	2.09 Nm	1025 ft	15.61 Nm	1000 ft		Replay
✓ STCA	ESTCA PREC	6562 - 1000	EZY53XC - KLM1977	GAT - GAT	19/04/2017, 14:03	0	0	31.46 Nm	525 ft	31.46 Nm	525 ft		Replay
✓ STCA	ESTCA CONF	7637 - 6541	VOZZH06 - N/A	GAT - GAT	19/04/2017, 13:03	0	0	3.76 Nm	975 ft	3.76 Nm	975 ft		Replay
✓ STCA	ESTCA CONF	1000 - 2706	THY700 - THY6	GAT - GAT	19/04/2017, 11:24	0	0	4.74 Nm	975 ft	5.09 Nm	975 ft		Replay
✓ STCA	ESTCA CONF	4061 - 6162	N/A - JAG23	GAT - GAT	19/04/2017, 11:17	0	0	3.51 Nm	1000 ft	6.35 Nm	1000 ft		Replay
✓ STCA	ESTCA CONF	6552 - 1000	N/A - KLM1975	GAT - GAT	19/04/2017, 11:07	0	0	0.32 Nm	1000 ft	0.32 Nm	1000 ft		Replay

1 - 28 of 24304 Items



User layout



Future Improvements ?

- User manageable column in inventory
- Aircraft position table
- & many other given in survey for ASMT v5

Questions