

TRAFFIC FLOW MANAGEMENT

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June 24, 2009



Federal Aviation
Administration



TFM Tools Used in Collaborative Decision Making



General Aviation



System Operations



Military



Airlines



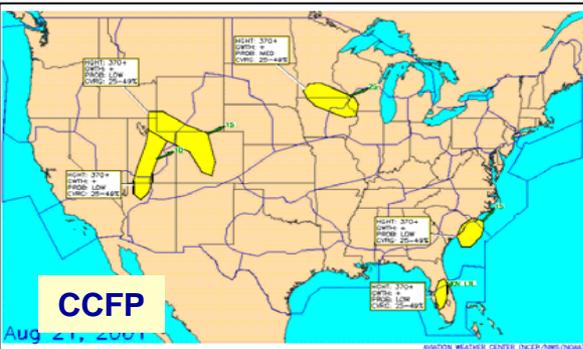
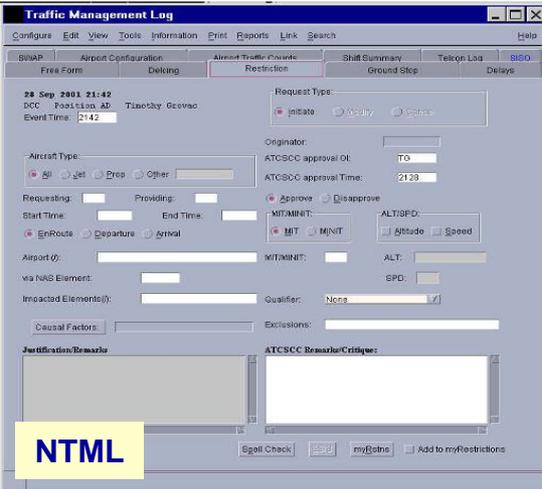
International

Collaborative Decision Making (CDM)

Strategic Use of TFM Tools

Strategic Planning

- Monitor air traffic flows
- Evaluate Capacity and Demand
- Evaluate Weather
- Collaborate and communicate
- Implement Traffic Management Initiatives (TMI)'s



Tools

Traffic Situation Display (TSD)

ATCSCC Intranet OIS /
Fly.Faa.gov

Collaborative Convective Forecast
Product (CCFP)

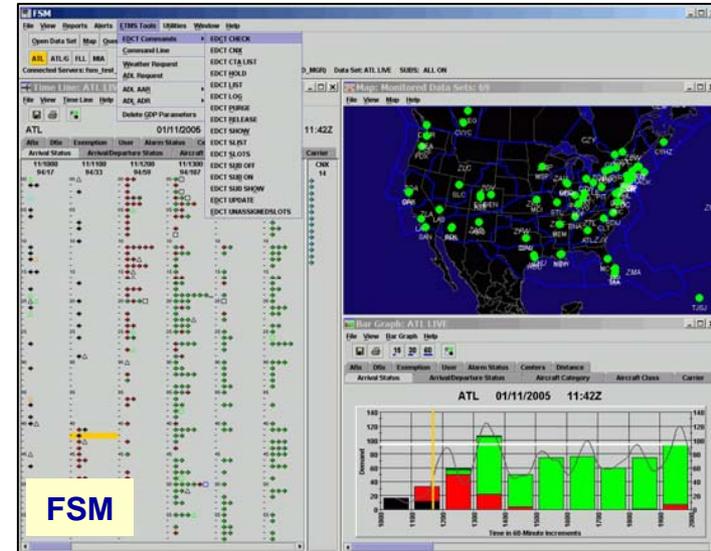
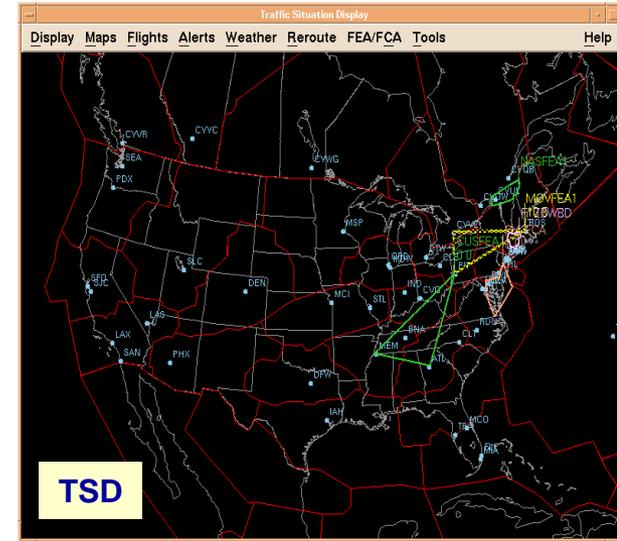
Playbook, Reroutes

Route Management Tool (RMT)

Flight Schedule Monitor (FSM)

Advisories

National Traffic Management Log
(NTML)



Tactical Use of TFM Tools

Monitor and Evaluate

- Continue to monitor air traffic flows
- Evaluate Capacity and Demand
- Evaluate Weather
- Collaborate and communicate
- Revise and/or implement additional TMI's

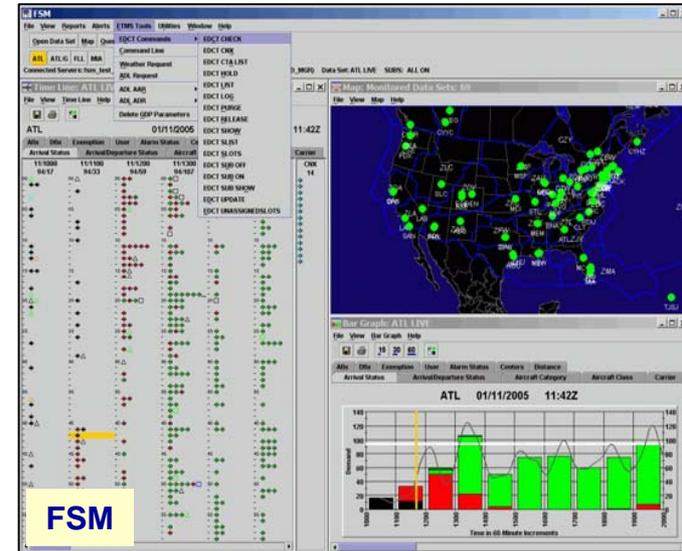
Tools

Traffic Situation Display (TSD)

Flight Schedule Monitor (FSM)

ATCSCC Intranet OIS /
Fly.Faa.gov

National Traffic Management Log
Advisories



FSM

GROUND DELAY PROGRAMS										
ARPT	START	END	FACILITIES	EX ARPT	REASON	MAX	AVG	AAR	PR	ADVZ
BOS	1500	2200	ALL	NONE	THUNDERSTORMS	45	30	20	23	
ORD	1500	2200	ALL	NONE	WIND SHEAR	20	10	15	20	

ATCSCC OIS SYSTEM									
GROUND DELAY PROGRAMS									
ARPT	TIME	FACILITIES	EX ARPT	REASON	ADVZ				
DFW/2000		ALL	NONE	THUNDERSTORMS					

DELAY INFO									
ARPT	AD	DO	TIME	REASON	ARPT	AARIADR	TIME	PLAN?	
IAD	+30		1500	SNOW					

CANCELLED INITIATIVES									
ARPT	TYPE	TIME CANCELLED	ID	DEPT	DAYTIME	ARR	DAYTIME		
VIPS	1300	05 1000Z	1200L	1200	04 1000Z	0830L			
VP2	1100	08 1000Z	0900L	1300	09 1200Z	0300L			
VP3	2200	21 1200Z	1300L	1200	22 1000Z	1100L			

AIRPORT CLOSURES									
ARPT	TIME	REASON	REOPEN						

MISCELLANEOUS									
UPCOMING PLANNING TELCON 1800Z									
BOTH USERS OF AIRPORTS THAT DO NOT HAVE COMMERCIAL SERVICE SHOULD CHECK NOTAMS AND/OR AIRPORT MGMT FOR SECURITY STATUS AND OPERATIONAL AVAILABILITY.									

OIS

The status information provided on this site indicates general airport conditions; it is not flight-specific. Check with your airline to determine if your flight is affected.

Legend

- General Arrival/Departure delays are 15 minutes or less.
- Departures are experiencing taxi delays of 16 to 45 minutes and/or arrivals are experiencing airborne delays greater than 45 minutes.
- Departures are experiencing taxi delays greater than 45 minutes and/or arrivals are experiencing airborne delays greater than 45 minutes.

<http://www.fly.faa.gov>



Tactical Use of TFM Tools (continued)

Completion of Initiative

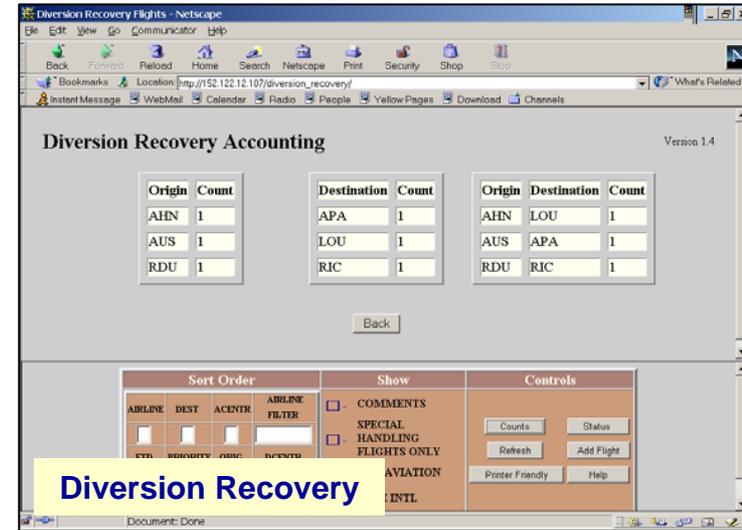
- Continue to Monitor air traffic flows
- Evaluate Capacity and Demand
- Collaborate and communicate
- Terminate a Traffic Management Initiative (TMI) 's

Tools

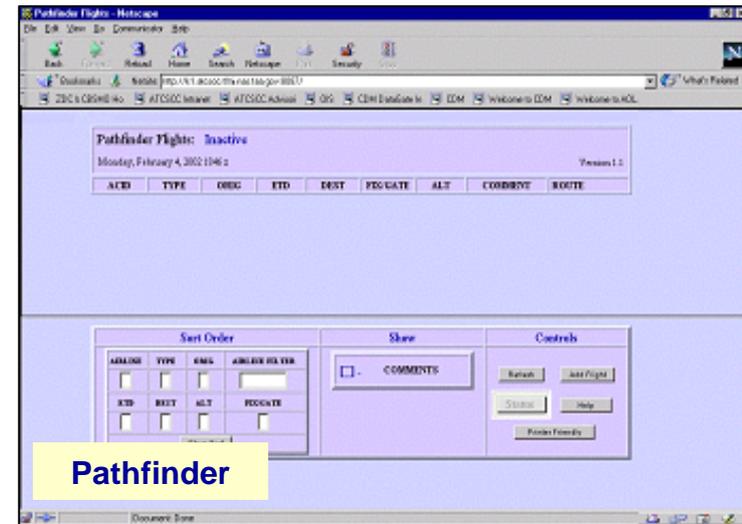
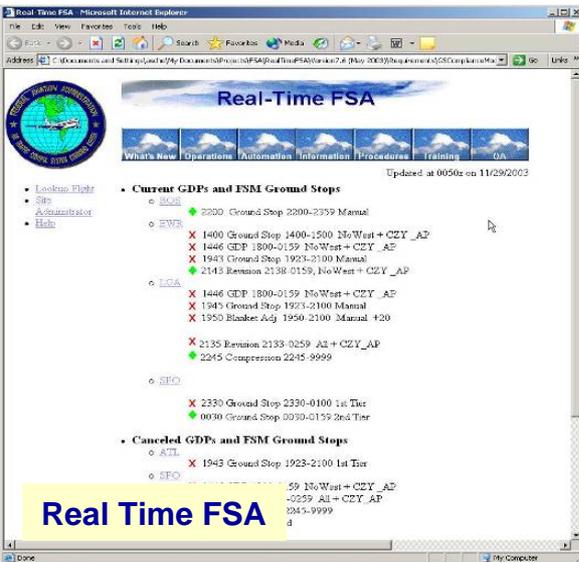
Diversion Recovery Web Page

Real Time Flight Schedule Analyzer

Pathfinder Web Page



Diversion Recovery



Post Analysis Use of TFM Tools

Quality Assurance and Post Analysis

- Evaluate TMI performance
- Review of Post Analysis tools
- Delay Reporting to OPSNET



Tools

Flight Schedule Monitor (FSM)

Integrated Reporting Information System (IRIS)

OPSNET (Automatic EDCT, Airborne Delays)

Morning Brief Web application

