SESAR Revolution and new users of the airspace

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SESAR Requirements

Single European Sky ATM Research Programme SESAR

- Each flight operates a business trajectory from planning to execution (Trajectory Base Operation TBO)
 - → Improved predictability of air traffic
- System Wide Information Management SWIM
 - "Intranet for ATM"
 - Pilots, Airport Operations Centers, Airline Operations Centers, Air Navigation Service Providers, Meteorology Service Providers, Military Operations Centers
 - Includes Controller-Pilot Data Link Communication (CPDLC)
 - SESAR SWIM concept requests all the future air traffic participants acting as communicating sub-systems!







