Goals of the METGATE, the future single access point to Pan-European MET information for Aviation Community:

- Hiding the complexity of the MET infrastructure from the ATM domain
- Providing access to regulated ICAO products and innovative MET information services
- Increasing the visibility of available MET information by providing to the ATM domain mechanisms to allow the discovery of MET information and MET service
- Delivering the most up to date meteorological information (including gridded data) in consistent spatial and temporal resolutions irrespective of the source or geographical location of the data requested
- Allowing authorised ATM clients to request MET information tailored to their needs as a subscription or as an ad-hoc request. Tailoring allows clients to define which information they need in terms of geography, timeframe and other parameters made available by the MET-GATE Service
- Preventing unauthorized access or modification by a secure system
- Maintaining MET information integrity and confidentiality during processing and transmission with a reliable system
- Making MET information available on-demand even under internal or external challenges thanks to a robust system
- Providing MET Information that complies with the SWIM ATM Information Reference Model (AIRM)

MET-GATE services comply with the SWIM information exchange standards and are exposed through the SWIM Registry. There is an aspiration that MET-GATE will also be fully interoperable with the NextGen developments in the US and the CARATS development in Japan.

REFERENCES
SESAR SWIM MASTER CLASS
WINNER 2015

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