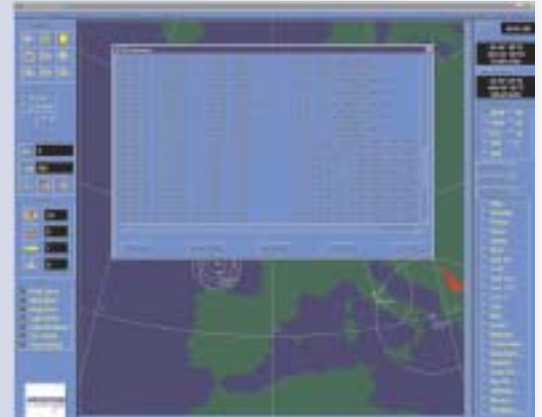


AGILE

AGILE (Aerosystem's Generic Integrated Link Environment) is a tactical datalink simulation and test facility. It is in use world-wide on many different applications for testing command systems and to provide simulation systems for training link operators.

Facilities include:

- Ability to rapidly generate complex scenarios containing a large number of operational platforms and tracks
- Multiple Link capability, including Link 11, Link 16, and other non NATO standard Links
- Growth capability for Link 22 and Joint Range Extension
- Terminal Initialisation capability
- Simulation of aircraft, ships, sub surface and land tracks
- Received and transmitted message display, recording and filtering
- Real-time message generation, either pre-scripted or generated during the exercise
- Operator can add/delete tracks or modify scenario during operation
- Can operate in "Host Mode", driving a Link terminal/modem, or in "Terminal Mode", simulating the terminal function
- Supplied with the SIMPLE Interface (Standard Interface for Multiple Platform Link Evaluation, STANAG 5602)
- AGILE can be slaved to a master scenario from an external source, using either the international standard of SIMPLE or DIS, or a bespoke interface
- Extensive on-line and post test analysis capability
- Automated message interaction between simulated units and automatic message transaction processing
- Using the proprietary database management tool DAMSL™, the operator is able to create and modify the datalink database(s) or create unique database(s) for use in the operator's own environment
- DAMSL can also be used to add platform types, add message transmit capability, with the ability to tailor track characteristics including Link, Radar and ESM

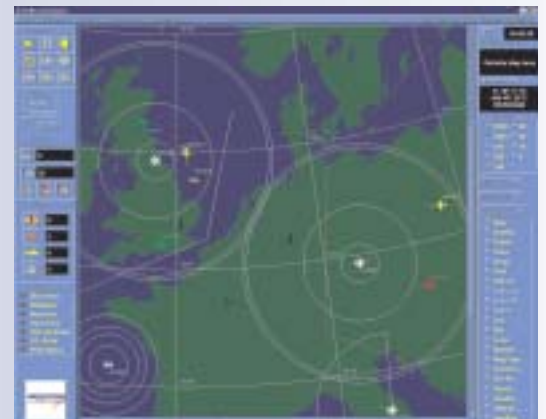


Message interaction

AGILE can generate the messages resulting from the interaction of simulated units either with other simulated units or the exterior system under test. This capability includes actions such as correlation, de-correlation and control together with optional modules providing specific interaction such as grid locking, relative navigation and electronic counter measures.

Message transaction processing

Through the use of the flexible database management system, the **AGILE** user can specify the actions to be carried out when information is transacted on a message by message basis. This capability includes initiating command and control events as well as handling receipt compliance and automatic message acknowledgement.



Datalink interfaces available:

- Link 16 (TADIL-J):
 - › US Navy Air
 - › F-15
 - › F-16
 - › F-22
 - › MCE
 - › US Navy Ship
 - › UKADGE
 - › E-3 Bus
 - › JSTARS
 - › Royal Navy Ship
 - › Army Class2
 - › AN/URC 138 (SHAR)
 - › MIDS type "B"
 - › MIDS type "D"
- Link 11 (TADIL-A):
 - › NTDS
 - › ATDS
- Link 11B (TADIL-B)
- Other interfaces:
 - › X25
 - › RS-232C
 - › Internet
 - › Telephone
 - › Ethernet
 - › TCP/IP
 - › SIMPLE
 - › DIS

End users:

- UK Royal Navy - Portsmouth
- BAE SYSTEMS
- Boeing
- Raytheon
- MoD Defence Procurement Agency
- Rockwell Collins
- Logica
- Racal
- Langley Air Force Base
- Eglin Air Force Base
- Warner Robins
- Mc Lennon Air Force Base
- JTIDS Programme Office (JPO)
- Litton
- Northrop Grumman
- Norwegian Defence Logistics Organisation (Air)
- Thales

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