

Metrea Mission Data

Spectral Link

Modular Tactical Data Link Software Applications

Spectral Link is a suite of modular Tactical Data Link (TDL) software applications that provide an affordable, flexible multi-domain TDL capability. The applications can be supplied as standalone products or grouped to provide a tailored, integrated solution capable of satisfying the most demanding Air, Land, and Maritime TDL requirements.

Spectral Link's unique modularity enables it to support large multi-sensor platforms down to smaller platforms and the dismounted user who have traditionally been constrained from joining the network by size, weight, and power limitations.

Spectral Link runs on Commercial Off-The-Shelf (COTS) Windows-based computers, laptops and hand-held devices; other operating systems, such as Linux, are also supported. The modern graphical user interface can be optimised for different screen sizes and resolutions.

Compliance

For Link 16, Spectral Link is compliant to MIL-STD 6016/ATDLP 5.16, ATDLP 1.75 and MIL-STD-3011/ATDLP 5.18 standards. MMD is accredited with ISO 9001:2015 and ISO 27001:2013 Quality Management and Information Security certification

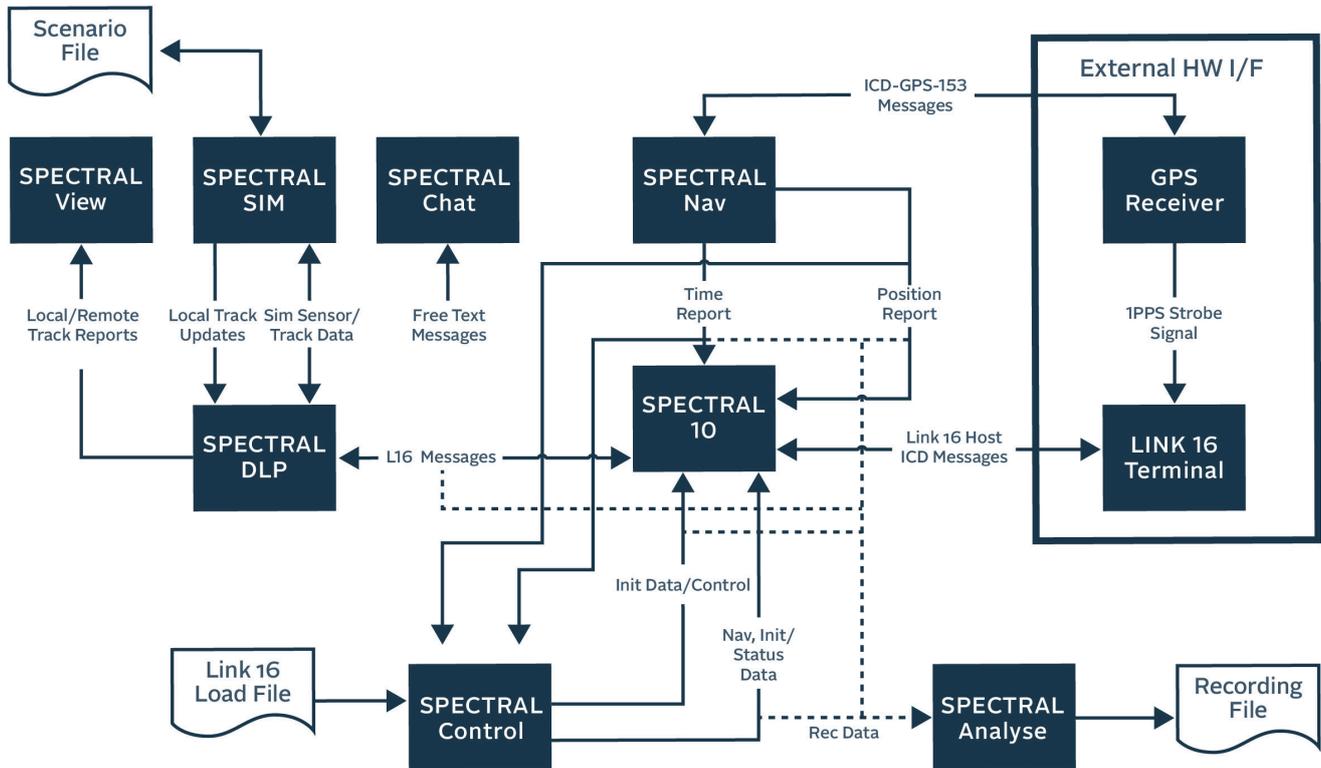


Spectral Link as the hub of a platform MIDS Link 16 System



Spectral Suite includes the following applications

- Spectral IO** - Link 16 Terminal Host
- Spectral IO-t** - Link 16 Terminal Translator
- Spectral View** - Situational Awareness HMI and Processor
- Spectral SIM** - Scenario Generator
- Spectral Chat** - Free Text Messaging Module
- Spectral Nav** - GPS Navigation Module
- Spectral DLP** - Datalink Processor and Track Database
- Spectral Analyse** - Data Recording and Playback Module
- Spectral Control** - Link 16 Terminal Controller
- Spectral Prep** - Link 16 Initialisation Data Preparation Facility



Agile Software Development

From its inception in 2020, Spectral Link has been under continuous development and improvement by MMD's TDL team.

By exploiting Agile software development processes, MMD is able to harness new technology and quickly integrate with third party sensors and systems ensuring that Spectral Link can be tailored to specific customer requirements and remains resilient against 'stove-piping' and obsolescence.

TDL Pedigree

MMD's TDL expertise is recognised internationally: MMD architected the UK MOD's technical approach to its Link 16 Sustainment (Modernisation) programme and has delivered TDL products and services to over 10 other nations.



For more information on Spectral Link, contact us at:
info@mmd.metrea.aero

End to End TDL Solutions

MMD can provide a complete end to end TDL solution: from the initial requirements capture and scoping phase; provision of the TDL terminals and ancillaries; through to platform installation, certification and commissioning.

MMD's TDL solutions are fully assured via our in-house capabilities; our test, evaluation, verification and validation service (Spectral Test) guarantees compliance with the relevant TDL interoperability technical and operational standards. Similarly, our Cyber and information Assurance team assures our solutions and mission data integrity.

MMD also offers a full suite of TDL training options as well as operational and through-life support including obsolescence management and technology roadmap development.

In addition to Spectral Link, the Spectral suite contains a range of TDL software tools for automating network planning (Spectral Plan), producing and validating tasking messages (Spectral Task) and generation of complex Link 16 operational scenarios to support the Live, Virtual Construction training environment (Spectral Sim).