



HydeDMTM 302



Turn-key Digital Interoperability for Your F-16

For Acquisitions and Procurement...

- **Extends relevance of your current F-16s**
- **Low risk**
 - ✓ Fielded/Flying in Denmark, Portugal, Belgium F-16s
 - ✓ Built to Lockheed Martin F-16 Qual Spec
 - ✓ USAF Safety of Flight for USAF Test and Eval
 - ✓ Backward Compatibility with IDM302
- **Low Cost**
 - ✓ Simple Line Replaceable Upgrade
 - ✓ NO AIRCRAFT CHANGES Required
 - ✓ A true Form, Fit, Enhanced Function replacement of existing IDM302 datalink

For Pilots...

- **Add 5th Gen digital capability to your jet**
 - ✓ Participate in joint CAS fight
 - ✓ More real-time SA
 - ✓ Faster target acquisition and CAS execution
 - ✓ Decrease your workload
 - ✓ Immediate digital interoperability with coalition
 - ✓ Complements and works with Link-16
- **Uses Existing Pilot-Vehicle Interface**
- **Introduces options for connect GustoAirTM Electronic Kneeboard** for Moving Map, Improved Mission Graphics, SA, and Enhanced Functionality

For JTACs...

- **Works with Your Digital JTAC kit**
- Brings F-16 into the Digital Fight with LOS / VMF
- SA, TGT and Msn data directly into F-16 Systems
- Shorten the kill chain - Conduct faster, safer, more accurate Joint CAS

HydeDMTM 302 is a Form / Fit / Function+ replacement for the IDM 302 that requires no changes to aircraft wiring or Operational Flight Programs (OFPs) and makes your aircraft immediately interoperable with US and allied forces using Joint CAS (JCAS) digital messaging standards for Digitally-Aided CAS (DACAS).

Immediate Interoperability

F-16s conduct Close Air Support (CAS) missions to protect US and coalition ground forces all around the world. Although most F-16s are digitally capable, they are not digitally interoperable with US and coalition Joint Terminal Attack Controllers (JTACs) or other CAS aircraft. This lack of interoperability is due to obsolete messaging standards on the IDM302.

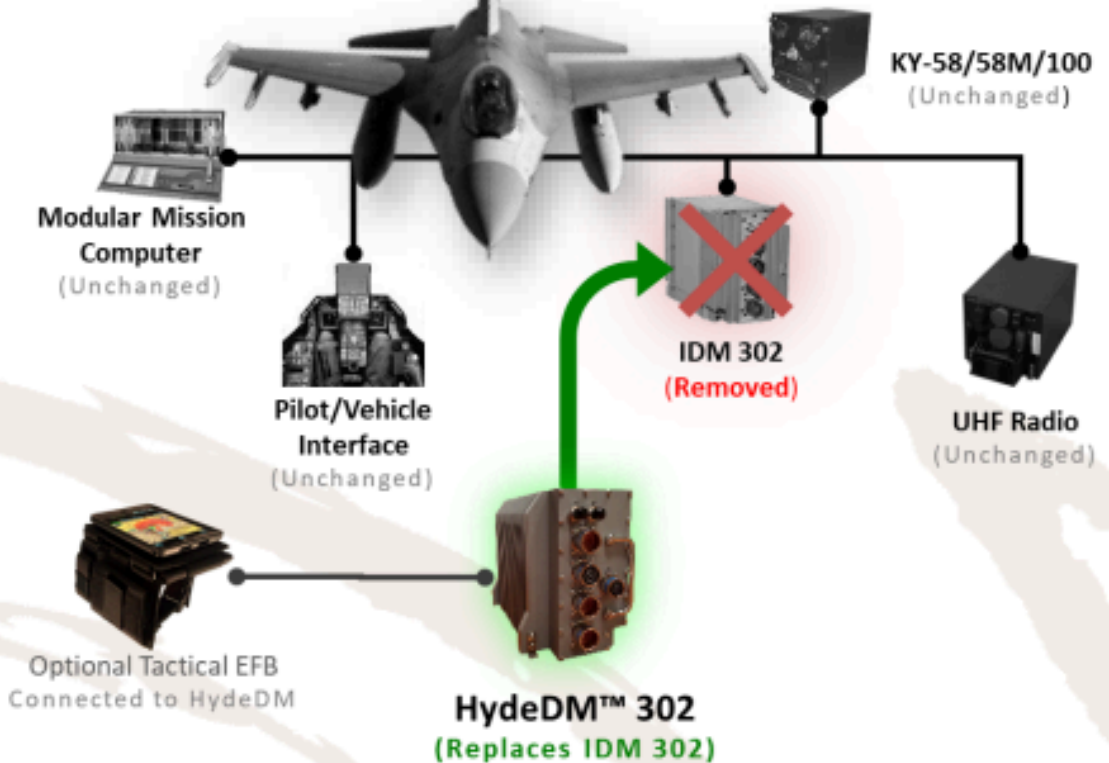
Low-Cost Plug-n-Play Future-Proof Solution

The HydeDMTM 302 is a software programmable datalink powered by Stauder Technologies' JECL[®] messaging and peripheral management software. JECL[®] is middleware built to provide cross-platform and multi-protocol tactical communications that support the latest protocols for Digitally Aided Close Air Support, (DACAS), Digital Fires (DAFires), and digital Situational Awareness.

HydeDM™ 302

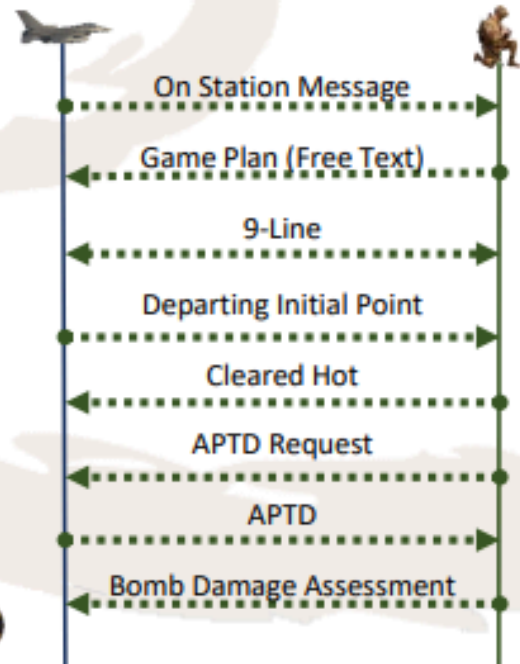
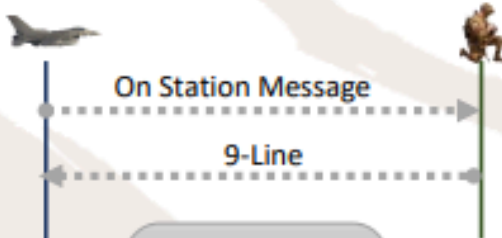
**PLUG AND PLAY
VMF
FOR
F-16**

HydeDM™ 302 is a form-fit line replaceable unit for the IDM 302 using all existing mounts, cables, and connectors to provide immediate air to ground DACAS interoperability with coalition JTACs.



**IDM 302
DIGITAL CAPABILITY**

**HYDEDM™ 302
DIGITAL CAPABILITY**



AFAPD Messaging Profile
OBSOLETE

Line-of-Sight
VMF
DACAS

