



# HydeDM™ 302

## Turn-key Digital Interoperability for Your F-16

### For Acquisitions and Procurement...

- **Extends relevance of your current F-16s**
- **Low risk**
  - ✓ Denmark F-16 Fleet Operational 2018
  - ✓ Built to Lockheed Martin F-16 Qual Spec
  - ✓ USAF Safety of Flight for USAF Test and Eval
- **Low Cost**
  - ✓ Simple Line Replaceable Upgrade
  - ✓ NO AIRCRAFT CHANGES Required
  - ✓ Form, Fit, Enhanced Function replacement of existing IDM 302

### For Pilots...

- **Add 5<sup>th</sup> 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 Electronic Kneboard** for Moving Map, Enhanced SA, and Completely New Functionality

### For JTACs...

- **Works with Your Digital JTAC kit**
- Get more digital controls with your F-16s
- Get your location directly into the F-16
- Conduct faster, safer, more accurate Joint CAS

**HydeDM™ 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 IDM 302.

### **Low Cost Plug and Play**

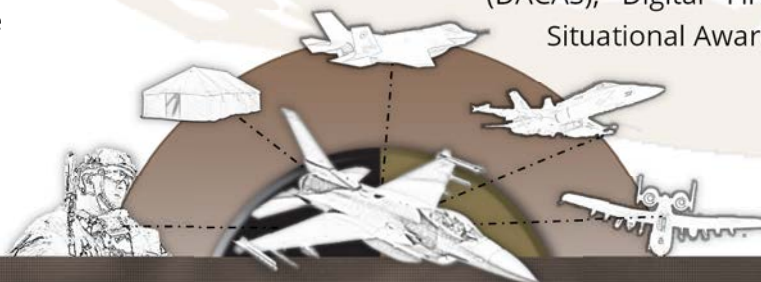
The HydeDM™ 302 is powered by Stauder Technologies' JECL® messaging and peripheral management software. JECL® is middleware built to provide cross-platform and multi-protocol tactical communications that support the latest protocols for Digitally Aided Close Air Support (DACAS), Digital Fires (DAFires),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



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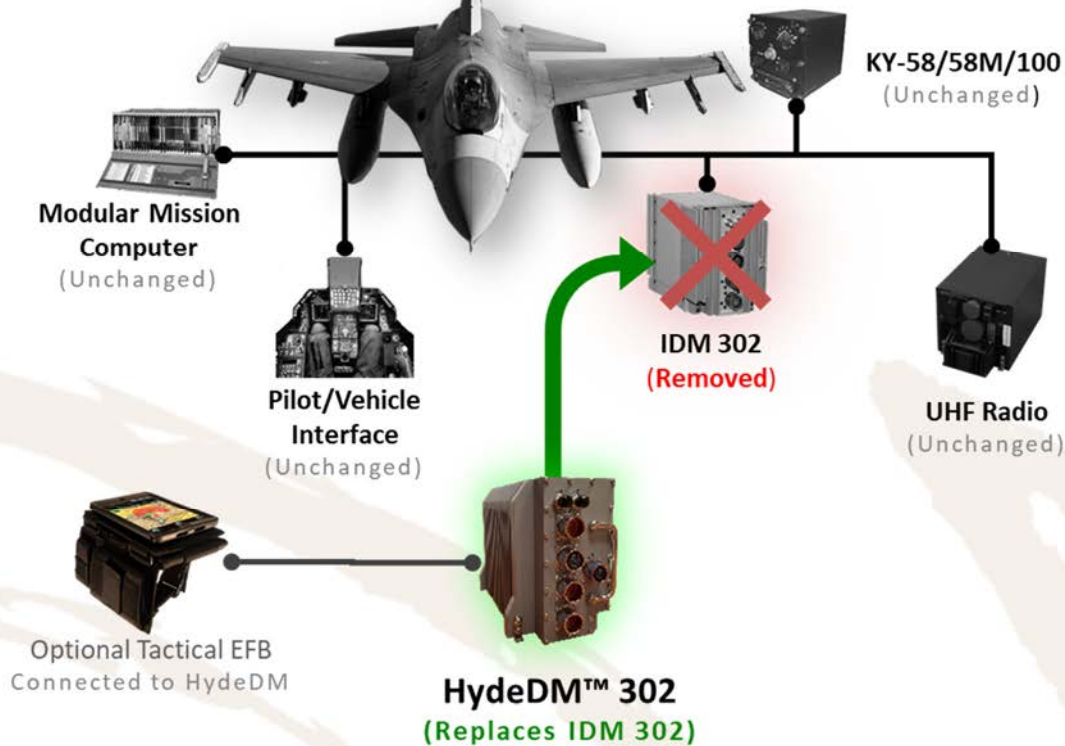
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# HydeDM™ 302

**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



AFAPD Messaging Protocol

**UNSUPPORTED MESSAGING STANDARD**

## HydeDM™ 302

VMF DACAS



## HYDEDM™ 302 DIGITAL CAPABILITY

