



# ***Aviation Mission Planning System (AMPS) Program Update AAAA Aircraft Survivability Professional Forum***

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## *Agenda*



- **Software Updates**
- **AMPS Future Updates**
- **New Hardware Configuration**
- **Frequently Asked Questions**
- **Service Support**
- **Questions**



# Software Updates



- **Current AMPS SW R7.5.11 is being replaced with:**
  - **AMPS R7.6.3**
    - **Additional Capabilities**
      - EDM Conversion Tool
      - AMPS Foundation Patch
      - AH-64D SW6.4
      - AH-64D SW13.2
      - AH-64D SW14
      - AH-64E SW4 & 4.5
      - UH-60M BLD5
    - **Increased Capabilities**
      - XPlan 5.2.0
      - ACIM
      - AH-64D SW13.3
      - AH-64E SW2.2
      - CH-47D
      - CH-47F CS11 (8.4)
      - CH-47F (8.5) DR200
      - CH-47F (9.2) DR200
      - CH-47F (9.2) DTU-7100
      - UH-60 A/L
      - UH-60M BLD3 SWB2
      - AIM 6.0
      - AMPS Training



# AMPS Future Updates



- **New Capabilities:**
  - Update to Army Gold Master (AGM) 10.0.6 with Office 2013
  - Added support for UH-60L Suite E Aircraft Weapons Electronics (AWE) & ASN 128D Image Compiler
  - Defect Report fixes UH-60M Build 5 and UH-60M Bld3 Bld2 AWEs
  - Update ARATSSL from v1.7 to 1.8
- **AMPS R7.7**
  - Windows 10
  - New hardware (Getac X500)
  - Provides increased functionality, performance, and improved cybersecurity
    - Over 1500 defects have been fixed from the PFPS 4.2.1 (R7.5 baseline) component to the XPlan 5.2.1 component
    - Allows the user to ingest multiple routes into the AWE
  - New Tactical Graphics Editing Tool (TGET)
  - New Vertical Obstruction Overlay Display Utility (VOODU)
  - New Mission Planning System Updater (MPSU)
  - Update XPlan to version 5.2.1
  - Updates to Map Tile Selector (MTS)
  - Update: CH-47F AWEs now create holding patterns from Holding commands



## *New Hardware Configuration*



### ▪ **Getac X500 G2 Rugged Notebook**

- 15.6 TFT LCD FHD (1920x1080)
- NVIDIA GTX 950M w/4GB GDDR5
- Intel Core i7-4810MQ (Quad Core 2.80GHz, 3.5 GHz Turbo)
- 1TB SSD (OPAL 2.0)
- 32GB DDR3
- MIL-STD 810G and IP65 certified
- 5 Year Warranty (CHS)
- Dimensions 16.1" x 11.4" x 2.5" (410 x 290 x 65 mm)
- 11.4 lbs (5.2 kg)





# Frequently Asked Questions



- **Why can't I get AMPS on the network (NIPR)?**
  - **AMPS has an Authority to Operate (ATO), Certificate of Networkiness (CoN), and is approved to be on the network. The local Network Enterprise Centers (NECs) and network administrators require scans of AMPS hardware to confirm Information Assurance Vulnerability Assessments (IAVAs) are up to date. Solid Core identifies when a scan of the AMPS is a malicious attack. Each NEC has additional requirements.**
- **Why can't I update my AMPS with programs that I need?**
  - **Invalidates Certifications: The AMPS receives certifications to include a safety certification that is defined and provided based on the interaction of the software that is approved, tested, and released by the AMPS Project Office (PO). Any addition of software or changes to group policies for this configuration, invalidates the certifications received by the AMPS PO.**



# Frequently Asked Questions



- **Why does it take so long to update the system with the Data products?**
  - DAFIF, OCF, VVOD/TFADS, MAPS
  - Working the solution to this with the Mission Planner System Updater (MPSU)
    - Loads the aviation data products from a source location (server – NGA) and installs the data products so the system is ready for use.
    - Phase 1 of 3 is complete.
      - MPSU will identify the change sets from the NGA holdings required to update the AMPS system
  - **Benefits**
    - Improved download times
    - Smaller files to download
    - Less user action required



# Service Support



- **Help Desk**
  - 256-842-9025
  - [peo-avn.list.avn-as-amps@mail.mil](mailto:peo-avn.list.avn-as-amps@mail.mil)
  
- **AMPS Mission Planning Central (AMPC)**
  - Site is working
  - Working with PEO AVN CIO/G6 on process for external user access
  - Testing possible solution for CAC access
  - Additional user verification will be required





# Questions

