

CLIENT CarteNav Solutions
PROJECT White Paper: 7 Key Considerations When Choosing a Mission Computer
OBJECTIVE Write a case study in article format describing Heliwest's experience with Carte Nav's AIMS-HD mission system software

COPY EXCERPT

7 Key Considerations When Choosing a Mission Computer

Based on experience from more than 500 system installations



Call or write CopyEngineer to receive a PDF of the complete case study.

Or view/download it online at: bit.ly/CarteNav-MissionComputer

Whether you're missionizing a new fleet or retrofitting an existing one, choosing a new mission computer is a consequential decision—one that's often more complicated than it first appears.

Not only must you weigh the cost and the capabilities of the units themselves. You also need to consider customization, installation, and total cost of ownership over the life of the fleet.

That's why we've put together this guide for you. If you're looking for a new mission computer to run AIMS-ISR on your fleet, we want to help you make the right decision.

While we don't supply avionics hardware, we've worked with countless systems integrators who do, and we've seen every conceivable combination.

In this guide, we'll examine seven not-so-obvious features we feel you should consider during your evaluations. These seven key features will not only provide immediate value but also deliver significant savings over the system's lifecycle.

We hope you will find this guide useful when choosing your next mission computer.

Key Consideration #1: Customizability

Look for end-user customizability.

You'll want to see numerous configuration options. You don't want to be tied to just one format when it comes to features like video formats and serial ports.

Is there support for VGA, DVI, SDI, HDMI and DisplayPort video? HD and 4K resolution? What about RS-232/422/485 serial ports? External USB ports? Are there options for ARINC 429 or MIL-STD-1553 bus support?

End-user customizability provides flexibility when retrofitting a new computer into an existing system or choosing additional components for a new system. It also reduces costs by making easy modifications to the unit at the factory rather than forcing the integrator to adapt the rest of the system to the mission computer's limitations.

These options should be designed into the system as build options when ordering; a factory technician need only make small adjustments during final assembly to fulfill your requirements. Build options mean you won't incur expensive NRE charges or delivery delays for those changes.

