Performance
Seeing Things *Differently*

COMMITTED.
FLEXIBLE.
READY.

High-Performance Services & Solutions
For Mission-Critical Industries

OUR MISSION: YOUR SUCCESS

Increasing Productivity, Reducing Costs & Accelerating Time to Market

WHAT WE BRING

With over 20 years and more than 400 programs under our belt, Performance Software is a leading systems and software development firm serving mission-critical industries.

Specializing in embedded software and full-life cycle development and equipped with high-performance products, Performance has the breadth and depth of talent and experience to deliver high-quality solutions on-time and on-budget.

THE RESULT

We reduced risks and costs for some of the largest programs in aviation history.
Our committment to our customers' success has earned Performance preferred supplier status and long-standing relationships with top-tier avionics suppliers around the world.
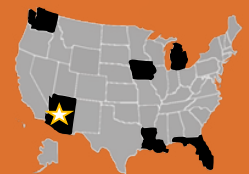
AVIATION | SPACE | DEFENSE | SAFETY CRITICAL

CAPABILITIES

SKILLED ENGINEERING SERVICES

Software & Hardware Design

Full Avionics Domain Knowledge

Full Lifecycle Expertise

Certification Depth
- DO-178 B / C
- DO-200 & Type 1 LOA
- DO-254 / 160

TIME TO MARKET ACCELERATORS

Sub-System Software IP
- *Performance DataLoader*™ product suite (615A, 664)
- *Performance MapRenderer*™ product suite (2D, 3D maps)
- Software GPU

Real-Time Data
Powered by OUR *Precision Navigation & Mapping*™ product suite
- Airport Map Databases (DO-200)
- Navigation Data (A424)
- Imagery and Terrain
- Digital NOTAMs

Development Tools
- JETS™ Hardware Emulation
- Airport Feature Extraction
- Structural Coverage

ABOUT US

Performance Software is a veteran-owned small business founded in 1998 in Phoenix, Arizona. We started with just a handful of engineers and a mission to transform aerospace systems and software development. We have grown significantly since.

Today, we are serving multiple industries with a team of 250+ spread across our six U.S. offices and one in the Philippines.

A strong culture based on performance and collaboration, you can count on us to drive your programs to success.

DOMAIN EXPERTISE

EMBEDDED PLATFORMS

Performance has extensive knowledge and experience on various microcontrollers, processors, and real-time operating systems.

- High Level Architecture
- Middleware Development
- Device Driver Development
- Low Level Device Simulation

DISPLAYS

Performance provides an array of solutions for your embedded display and in-flight entertainment needs, ensuring crews have access to critical flight information and boosting passenger experience.

- Synthetic Vision
- Heads-Up Displays (HUD)
- Cockpit Display System
- Premium Cabin Map

FLIGHT CONTROLS

Performance is a leader in Fly-By-Wire flight control solutions. Our vast experience covers all critical areas necessary for a safe flight.

- Primary, Secondary, Auto-Flight
- Actuator Control Electronics, REUs
- Modeling
- Simulation
- Safety Analysis

ENGINE CONTROLS

Performance is your preferred partner for designing solutions to complex engine control systems in today's elaborate aircraft.

- Full Authority Digital Engine Control (FADEC)
- Electronic Engine Control (EEC)
- Auxiliary Power Units (APU)
- Engine Data Management and Data Offload

FLIGHT MANAGEMENT

Performance has the expert talent to address nearly every area of FMS. Our teams have been integrally involved with numerous large-scale efforts and have the solutions for your current or NextGEN FMS.

- Flight Planning
- Navigation & Guidance
- Navigation Database
- Aircraft Performance Planning/Predictions

CONNECTED AIRCRAFT

Performance's domain expertise in Satellite, WIFI, and VHF Data Communications ensures fast and reliable data connectivity worldwide.

- VHF and SAT Data Link
- Data Flow Management
- Ground Connectivity
- Channel Prioritization

Need a partner for your next program or need help recovering a program?

Email sales@psware.com or call 623-780-1517 and we'll be in touch shortly.