

Design Cockpit Displays. Not XML Files.

A modern visual engineering platform for ARINC 661 cockpit display development.

Modern Cockpit Displays Require Modern Engineering Workflows

DISPAVO transforms ARINC 661 cockpit display development into a visual engineering workflow. Avionics teams can focus on display architecture, interface behavior and operational usability instead of manually maintaining complex XML artifacts.

VISUAL DISPLAY ENGINEERING

Design cockpit displays through visual workflows rather than manual XML editing.

REUSABLE WIDGET ARCHITECTURE

Promote consistency and engineering reuse across programs and variants.

STRUCTURED DISPLAY MANAGEMENT

Organize pages, navigation models and widget relationships in one environment.

ARINC 661-ORIENTED DEVELOPMENT

Support standards-based workflows while reducing engineering complexity.

PLATFORM INDEPENDENCE

Maintain a common display architecture across multiple deployment targets.

LIFECYCLE MAINTAINABILITY

Simplify updates, modifications and long-term program evolution.

Built for Safety-Critical Cockpit Programs

Structured workflows, reusable architectures and long-term maintainability for modern avionics programs.

Built for Modern Cockpit Display Programs

From visual design to avionics integration in a unified engineering environment.

01

DESIGN

Create display pages, layouts and interface components through a visual workflow.

02

ORGANIZE

Manage reusable widgets, display hierarchies and project assets in one workspace.

03

GENERATE

Produce ARINC 661 deliverables through a controlled and repeatable process.

04

DEPLOY

Support multiple avionics platforms while maintaining architectural consistency.

Core Platform Capabilities

VISUAL DISPLAY COMPOSITION

Develop sophisticated layouts through graphical engineering workflows.

WIDGET REUSE

Create reusable ARINC 661 components and maintain consistency across programs.

DISPLAY ARCHITECTURE MANAGEMENT

Manage scalable display hierarchies and interface architectures.

STANDARDS-BASED DEVELOPMENT

Facilitate ARINC 661-oriented engineering activities.

INTEGRATED PROJECT ENVIRONMENT

Centralize display engineering activities within a single platform.

CROSS-PROGRAM CONSISTENCY

Support organizational reuse and engineering standardization.

DEPLOYMENT FLEXIBILITY

Adapt displays to multiple target platforms while preserving integrity.

LONG-TERM MAINTAINABILITY

Reduce lifecycle effort through structured architecture management.

INTEGRATION READINESS

Prepare display systems for operational avionics integration.

Engineering Cockpit Displays for the Entire Lifecycle

DISPAVO combines visual workflows, reusable display architectures and ARINC 661-oriented practices to improve productivity, maintainability and integration readiness.

BYTECRAFT