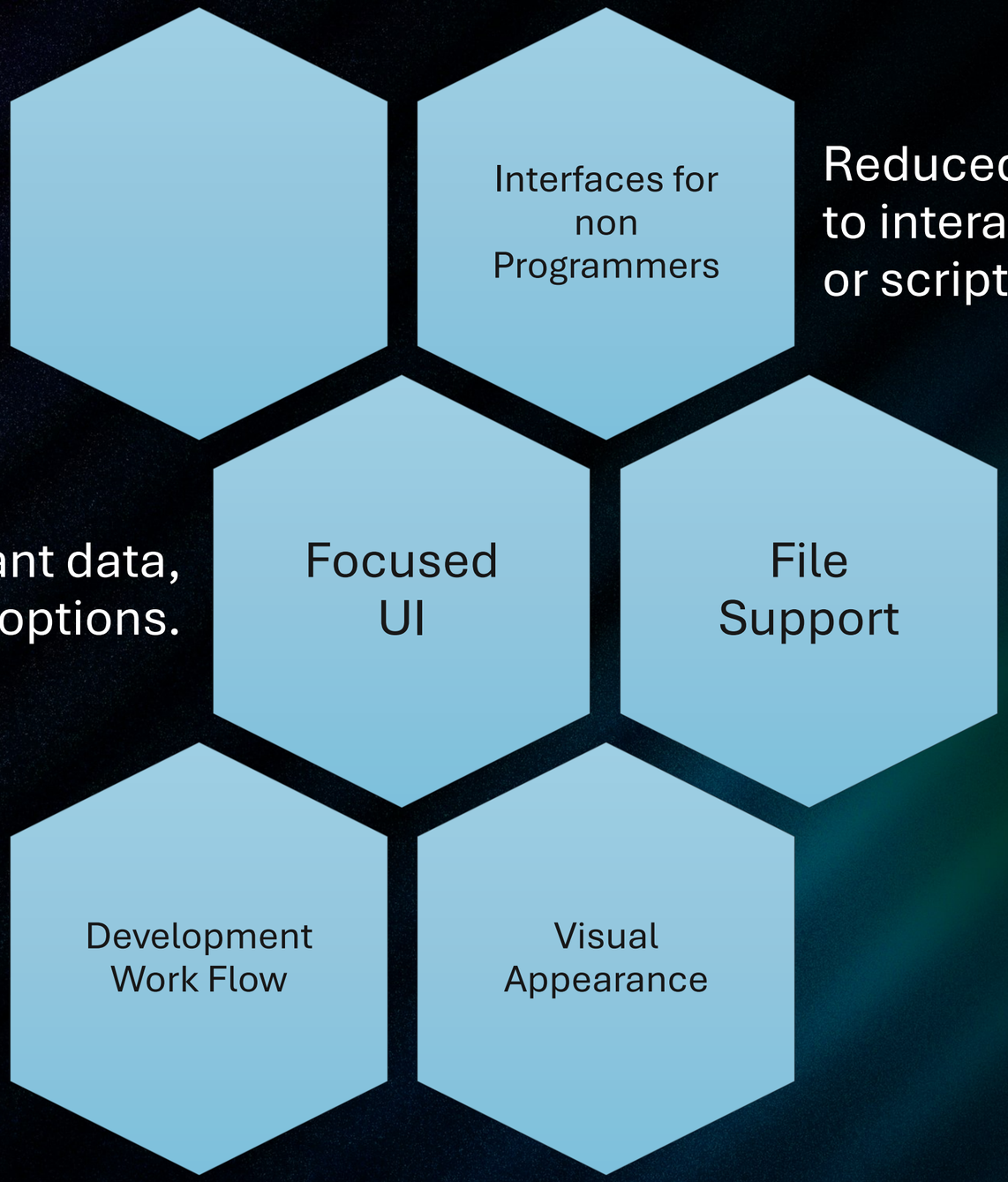
# VAPS XT 5.1

30/09/2026

Matt Jackson



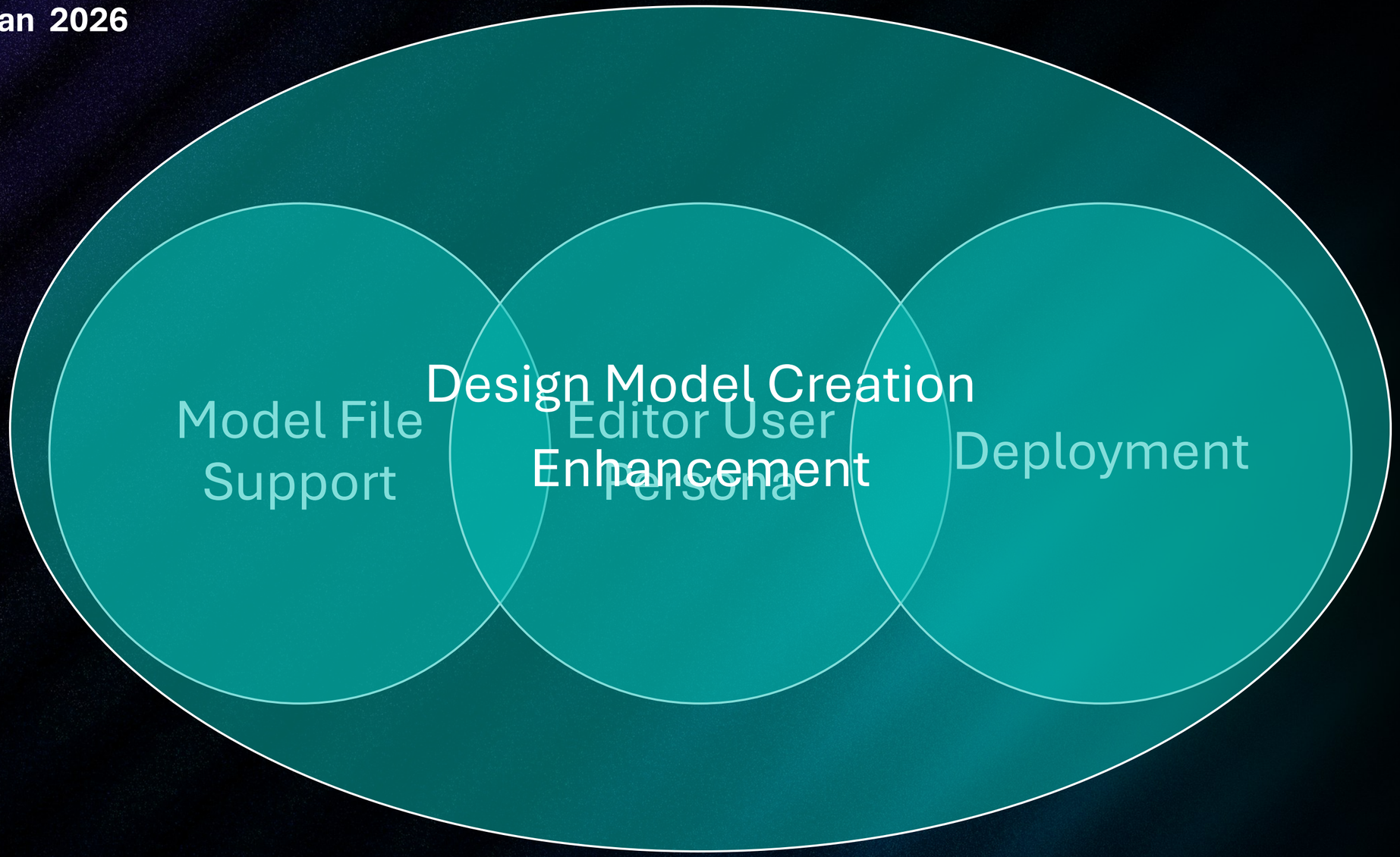

Reduced use of text to interact, design or script

Task relevant data, menu options.

Work with multiple 3rd Party Graphics HMI file formats

Support the flow of data and process

RELEASED: **Jan 2026**



## Editor Usability

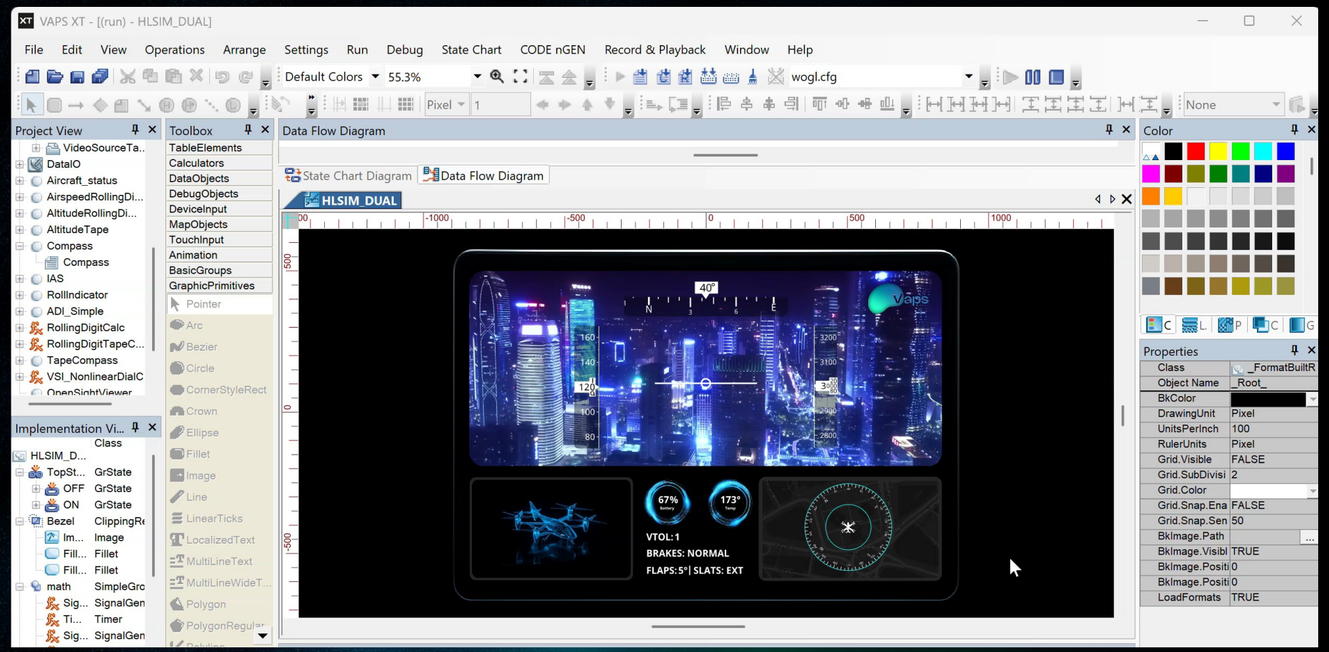
# Persona Based Views

# \ Editor Views

+ Classic
+ Drawing
+ State Machine
+ Data Flow
+ Custom layouts.....

\ UI can be decluttered and Focused on what task is being performed

\ Window Layout & Toolbars Task focused



## Usability

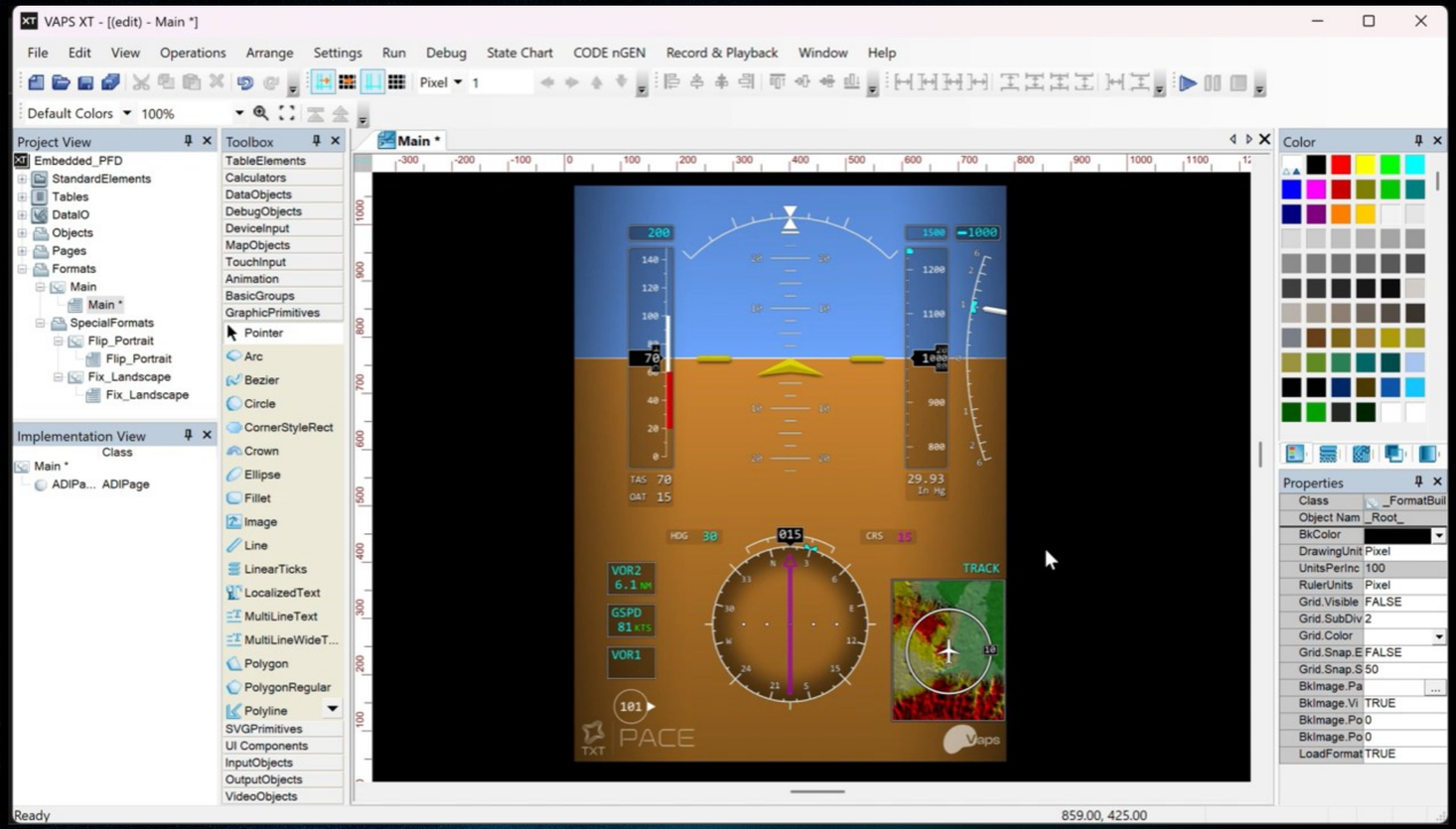
# Pixel Precision Visualization

\ “True” view Zoom for designers to match resolution limitations of hardware

\ Canvas Editing

+ Dynamic Zoom

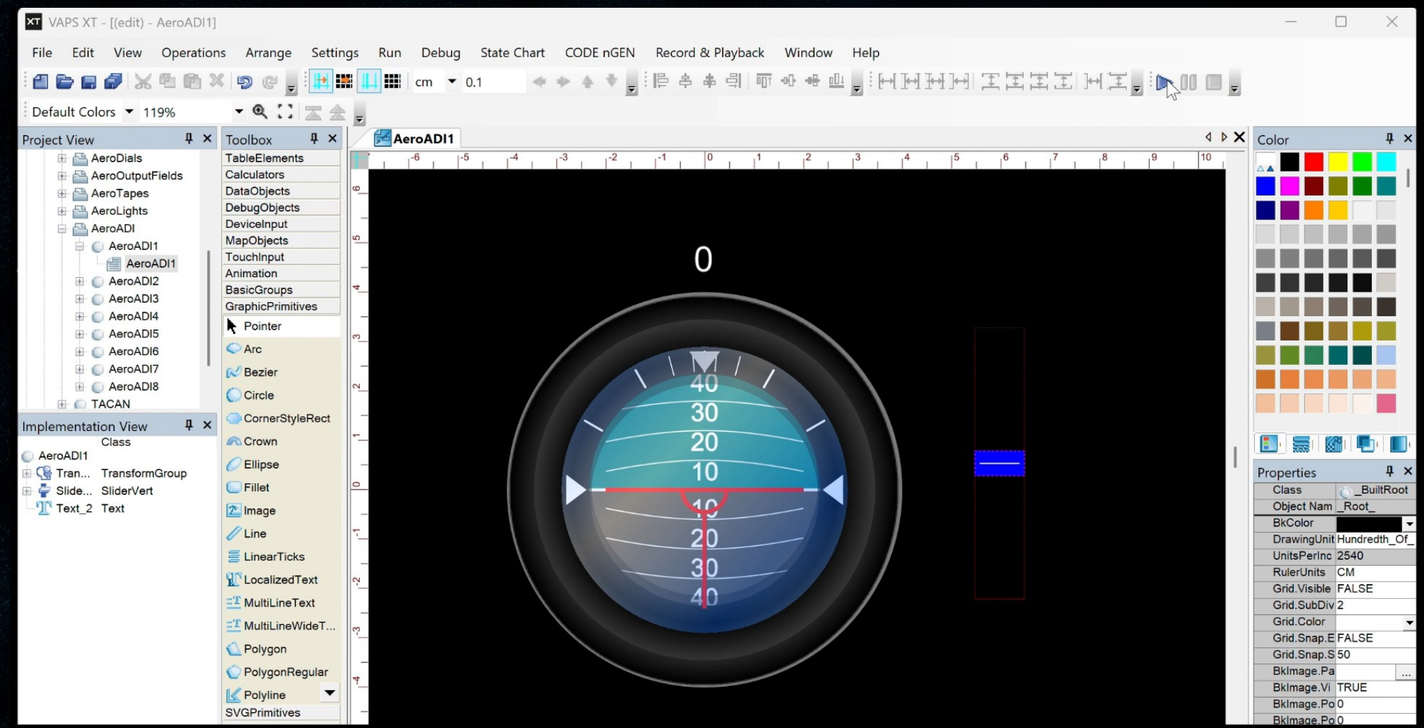
+ Canvas Pixel zoomProvide



# HMI System Data Connection

- Dataflow was sometimes hard to use for nonprogrammers
- For complex HMI dataflow was hard to see what was connected

- A visual model view showing connections between objects in design model easier to build and understand.

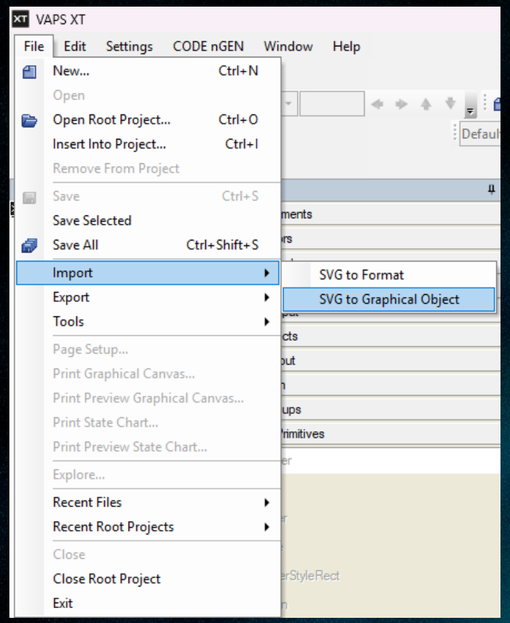


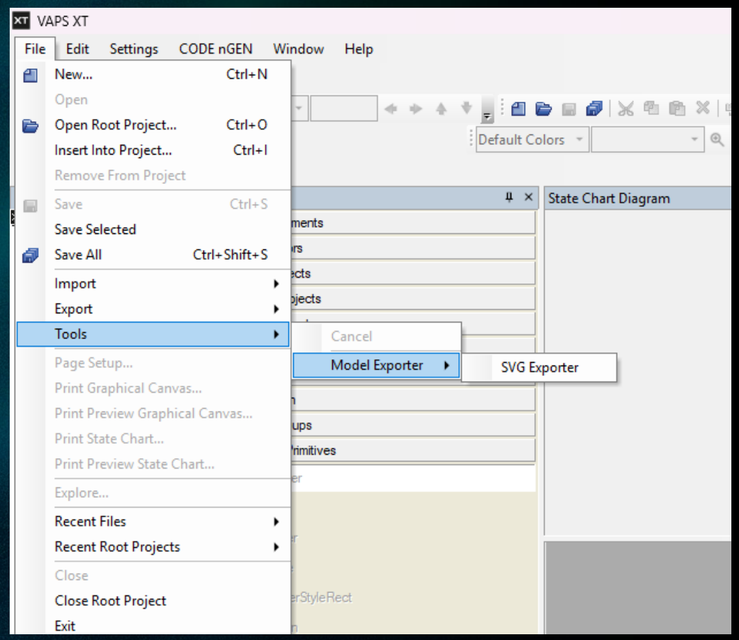
# Editor Customization

## Plugins

# Editor Plugins

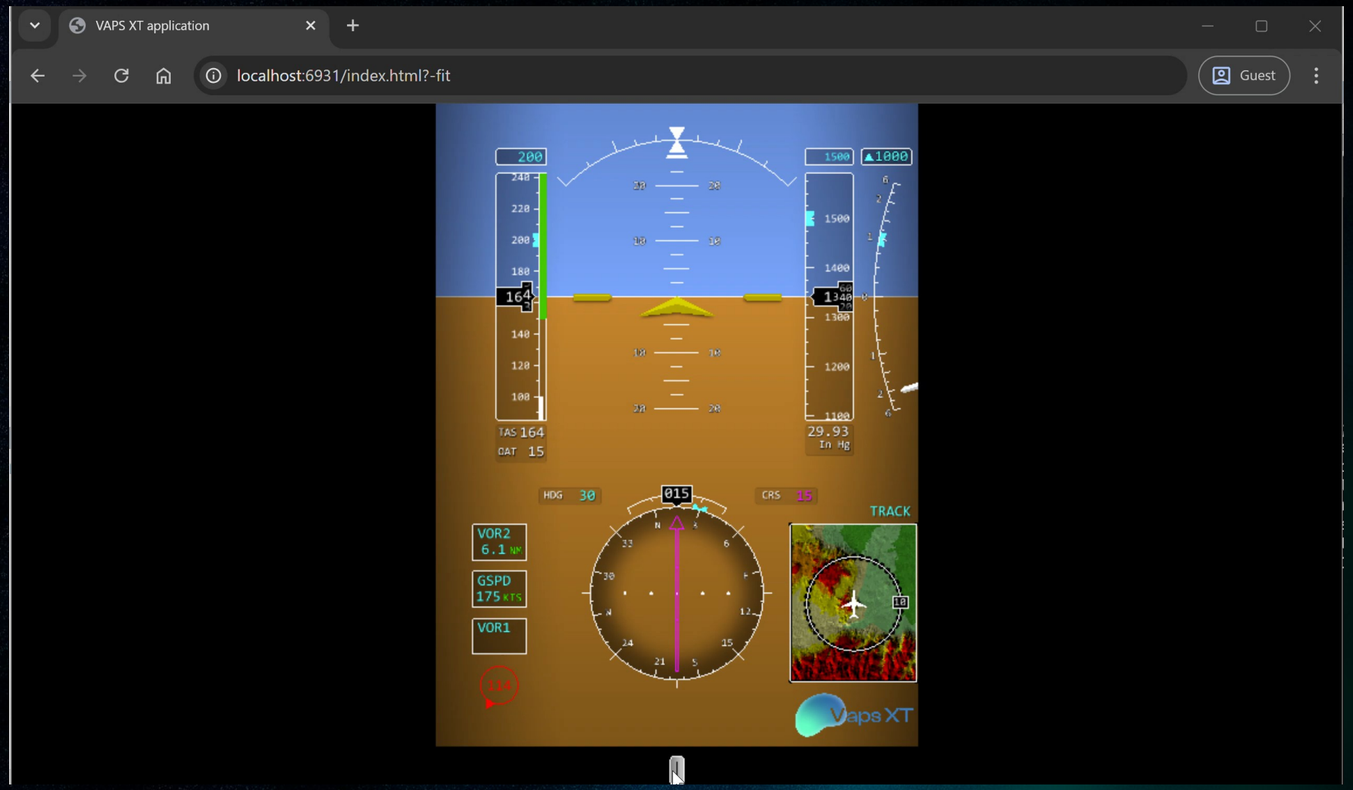
- Generic Plugin Within Editor
- File importer Plugins
  - Allow Custom File importers to be added to tool
  - Can be installed in the tool or stored locally in projects
  - Provided with SVG Example Importer
- Tools Plugin
  - Allows external tool to be started from editor
  - Provides information from editor to the external tool
  - Provided with SVG Sample Exporter





\ Deployment

+ Web Application deployment



# VAPS XT 5.1 Updates

## Feature Pack 1

(Released June 2026)

## Data Plugins

UPDATE

\ SVG Import Update

+ SVG import to A661
  - Map to ARINC 661 Widgets in Layers
  - Conversion to ARINC 661 Symbol definition

\ SVG Export Update

+ Graphical content of Layers and Objects to SVG

\ NEW

\ Code Gen Configuration Tool

+ GUI for configuration of embedded porting options
+ Compilier tool chain
+ Libraries
+ Options
+ Included VAPS XT Features

## Deployment

\ Wayland Support

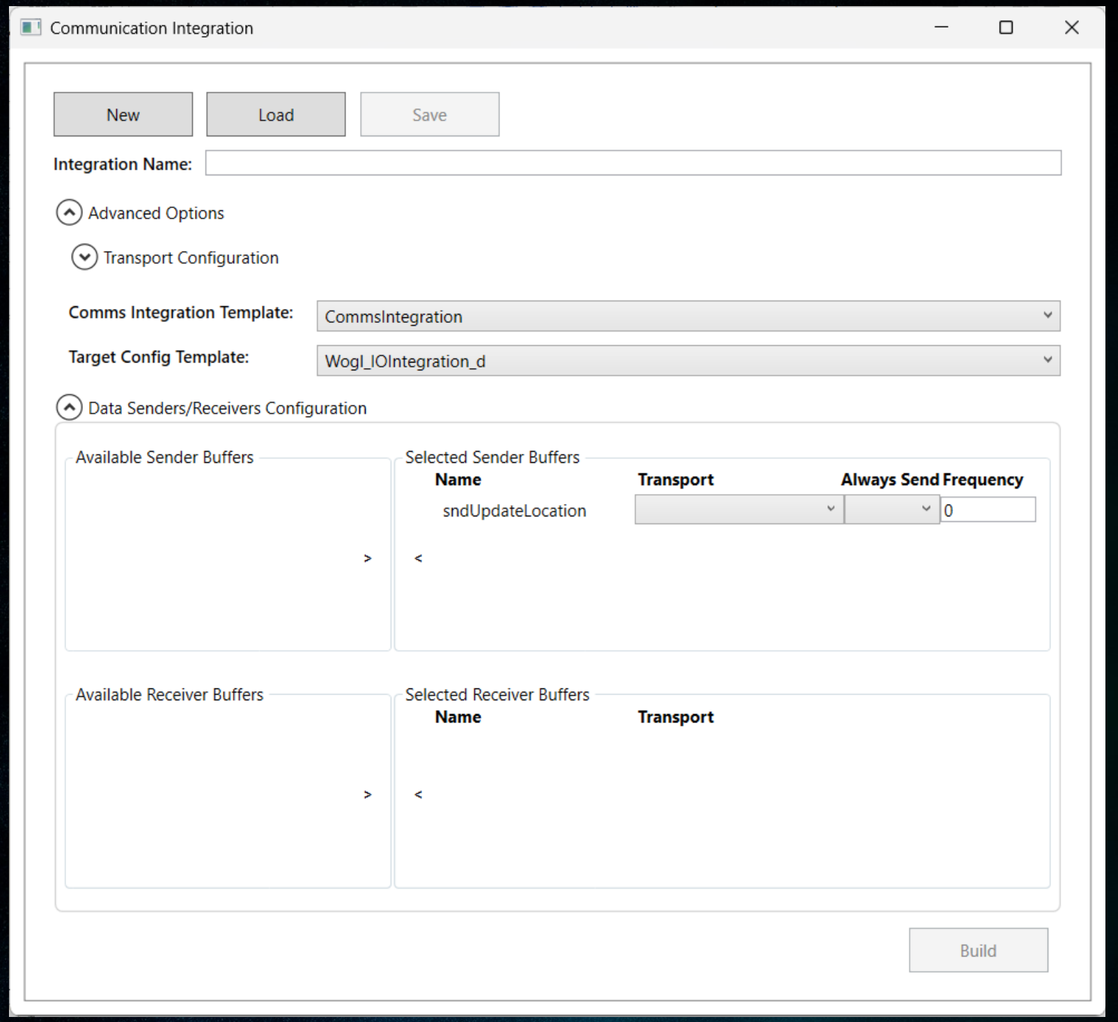
+ Raspberry Pi
+ Linux x86
+ Supports MultiTouch Screens

## Plugins

# Codegen - configurator

## Deployment Plugin

- UI Based Custom Code Generation of Comms interface



# VAPS XT 5.1 Updates

# Feature Pack 2

**Future Release***

(Released TBD)

## Data Plugins

- Customizable Figma Import

## Deployment Plugin

- UI Based Custom Code Generation of Comms interface

# Thank You!

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