WHAT'S NEW IN VAPS XT 4.2

VAPS XT 4.2 is a major release providing new video support and font management capabilities as well as other functionality so developers can efficiently create more modern and advanced user interfaces with less risk. It offers:

Improvements in the areas of text handling and high quality font rendering for HD displays and embedded platforms including:

- Support for large non-western and special character fonts
- Ability to deploy on embedded hardware without a need for third-party support
- Design flexibility for switching font styles, sizes and types.

Live video support with flexible configuration of a variety of different video sources, together with replication and scaling having low resource impact, alpha blending and chroma key support. Other video features include:

- Support for sensor fusion display and external equipment display
- Support for video manipulation to match different data sizes, perform pan and zoom, automatic video sizing
- Support for symbology overlay on video for sensor fusion, navigation support, and tactical awareness
- Ability to change video source after code generation; video source is not hardcoded in the application

- Supports deployment of the same application to multiple environments and allows for flexible development of prototypes and testing.
- Ability to review captured video file information.

**Improved Editor features to streamline editing processes and improve usability:**

- The Data flow and Internal Transition editors have been completely revamped to simplify and improve their use
- Some editor toolbars have been optimize to allow for precision and flexibility when handling of objects
- Support for comments in Data Flows and Transitions allows passing of information about usage, intent or requirements of specific objects providing efficiencies and increase in productivity.

**ARINC 661 support including Supplement 6 GestureArea and TouchArea widgets as well as:**

- Support of import and export of ARINC 661 standard XML
- Support export of VAPS XT 3.2.1 layers and DFs
- Increased number of sample widgets in library and widget interfaces for all Supplement 6 widgets
- International Character encoding support.
VAPS XT PRODUCT FAMILY

Presagis has provided HMI graphical modeling tools to produce state-of-the-art graphics and highly optimized code for both PC and embedded systems for over 30 years. VAPS XT answers the needs of all your possible graphical interface development projects; whether it involves desktop simulation and prototyping, embedded graphic solutions, ARINC 661 compliancy or certification we have the right solution. VAPS XT Standard, VAPS XT 661, VAPS XT DO-178 and VAPS XT for Simulation cover all your possible development needs.

VAPS XT 661

Design, build, and deploy ARINC 661 compliant systems using VAPS XT 661. Its easy-to-use graphical editor and object model based architecture speeds up ARINC 661 Cockpit Display System (CDS) design and User Application (UA) Definition File (DF) creation. VAPS XT 661 includes an extensive library of ARINC 661 widgets provided out-of-the-box.

Visit www.presagis.com/ARINC661 to find out more.

VAPS XT DO-178

Reduce cost, time, and risk of DO-178 certification delays using the VAPS XT DO-178 Certification Kit. Offers a simple path to certification by providing DO-178 support for rapid development of safe and certifiable graphics.

Visit www.presagis.com/DO-178 to find out more.

VAPS XT FOR SIMULATION

Presagis VAPS XT for Simulation helps display developers accurately and efficiently prototype, develop, and integrate displays into simulation applications.

Visit www.presagis.com/VAPSXT-Simulation to find out more.