

Candera presents innovative AI Importer for rapid HMI creation CGI Studio 3.9 takes usability to the next level

With the release of CGI Studio 3.9 in June 2020 Candera provides new and unique features to take usability of HMI creation to the next level. The new core feature of 3.9 is a preview of a smart AI based Photoshop Importer bringing static UI artworks to life with only a few clicks. In fact, this AI importer enables to rapidly import Photoshop files into CGI Studio in order to automatically transform them into full functional HMIs. The technology behind this tool is an AI based UI/UX element detection and mapping technology that will help especially designers with no or low programming skills to save precious time and costs.



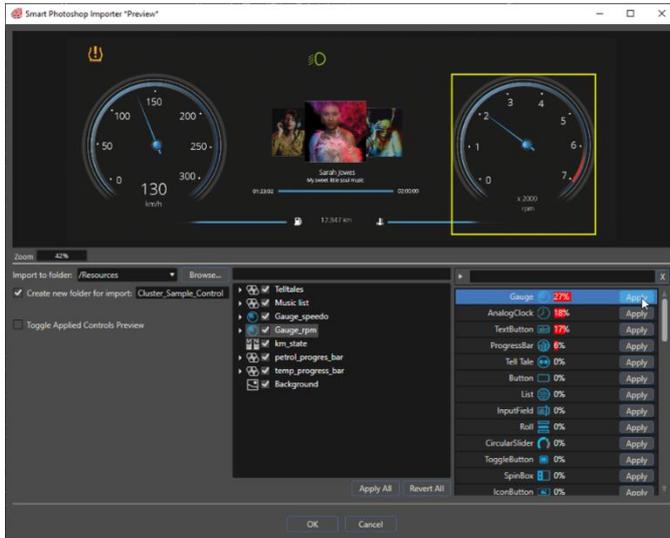
The future will bring more graphical user interfaces than ever before. This growing demand not only affects the usability expectations in the development process but also extends the group of people working with UI development tools. “We noticed a major transformation within the HMI creation process,” says Reinhard Füricht, CEO of Candera. “Designers and graphic artists are gaining importance and need to deliver quick results, including full functional HMIs – without the need of professional or community-support.” Based on this awareness, already within its last product release Candera strongly focused on advanced usability features like ready-to-use HMI controls, automated workflows and integrated state machines. “With CGI Studio 3.9 we have gone one step further,” so Reinhard. “The integrated smart AI importer will especially support designers with no or low programming skills to create brilliant HMIs in fastest time.”

Based on our 20 years of experience in the embedded software development together with our broad customer base we have created a mature feature-rich and customizable product. In fact, CGI Studio today covers all aspects of automotive GUI development and beyond. Furthermore, we’re closely working together with our customers and industry partners to provide solutions for present and future HMI needs.

Candera providing HMI solutions with 50 million units installed https://www.artspark.co.jp/en/candera_interview/

Smart Photoshop AI Importer

Based on innovative AI detection algorithm technologies, Candera's Photoshop AI Importer has one major goal: to speed up the whole HMI creation process.



Import your PSD files and easily transform them into controls

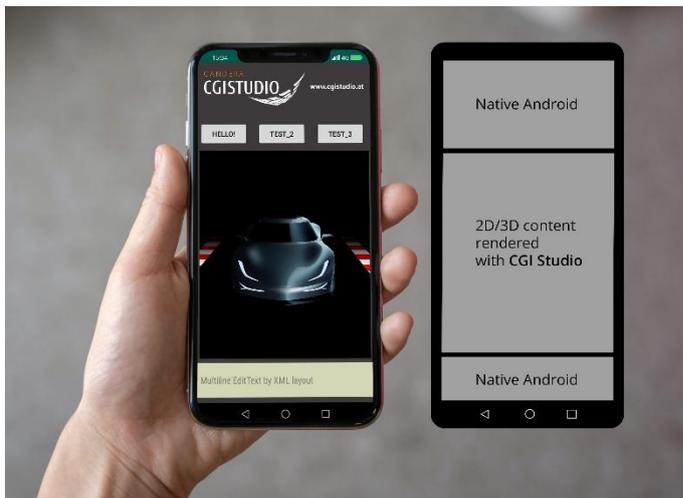
Indeed, whilst other HMI design tools oblige the user to manually add functionality to each single element of their UI artwork, Candera's AI importer will handle this job automatically. It imports the PSD (Photoshop Document) files into CGI Studio, detects relevant components like gauges, sliders, buttons and many more and adds the most probable functionality to each of these elements.

All the user must do is to double-check and – in some cases – do small manual adaptations. This AI support in CGI Studio not only saves a ton of time, but also leverages designer's creativity by simplifying the composition process as far as possible.

Users of CGI Studio 3.9 will get to know first features in a preview of this Photoshop AI Importer, the next releases will include the AI importer in its full functionality.

Android™ Native View Control

The Native View control for Android allows you to fill your Android applications with a native and seamless CGI Studio solution. This enables HMI experts to leverage the benefits of both tools. For example, you can reuse a highly performant, CGI Studio based, 3D GUI (Graphic User Interface) and enhance Android's native capabilities.



Fill your Android applications with a native and seamless 2D/3D CGI Studio solution

The communication between Android app and the CGI Studio solution is handled via JSON format. A Kotlin-based Android sample project shows you how to integrate and use the Native View.

CGI Studio Player Value Generator

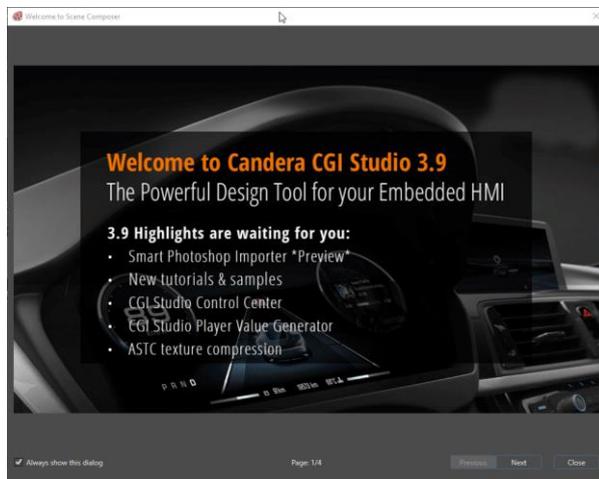
In addition to the Photoshop AI Importer, CGI Studio 3.9 also comes with another exciting feature: the CGI Studio Player Value Generator. This simulation tool allows to animate controls, e.g. automotive gauges or progress bars without any additional configuration, enabling rapid prototyping and the possibility to present a “living” and functional HMI to clients or decision makers.

ASTC texture compression

Bitmaps can optionally be converted to an ASTC texture compression format, a lossy compression format to optimize the memory footprint. It allows an efficient usage of the embedded device’s memory, to save memory bandwidth and to create sophisticated HMIs.

CGI Studio tutorials

Aside from the new technical features, CGI Studio 3.9 also brings a host of helpful (video) tutorials, that will especially enable new users an easier start into CGI Studio. These step-by-step guides, starting with a general tool overview and continuing with topic related videos, can be found at the start screen of Scene Composer and in the Help menu.



Browse through our new tutorials and get an easy start with CGI Studio

Redesigned controls and improved samples

Apart from the major features, CGI Studio 3.9 also provides an innovative redesign of all controls. This new redesigned controls allow a fast drag-and-drop based creation of excellent looking HMIs for any kind of application.

But not only the controls in CGI Studio have been redesigned, also the getting started and advanced cluster samples received a new look and feel as well as new features, such as themes, additional inputs, improved graphics and many more.



To learn more about CGI Studio 3.9 or request a 30days trial version please visit:

www.cgistudio.at

About Candra

Candra, is a leading HMI tool provider and development partner for worldwide automotive and industrial customers. Candra supports its customers with the CGI Studio tool environment as well as provision of software services mainly in the areas of HMI development and embedded software.

Candra GmbH in Linz/ Austria and Candra Japan Inc. in Shinjuku-ku, Tokyo / Japan are both part of the ArtSpark Group situated in Shinjuku-ku, Tokyo / Japan.

Corporate site: <https://cgistudio.at/>

Candra Japan site: <https://www.canderajp.co.jp/>

Facebook: <https://www.facebook.com/canderacgistudio/>

Youtube: https://www.youtube.com/channel/UCZyzdK8yFY52Ot-SvaGkM_A

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