

CGI Studio

- HMI Authoring Tool you can embed your design directly -

Advantage

- Full workflow support from design to target
As having high compatibility with professional design tool, you can achieve cooperation development of a designer and a software developer.
- Providing optimized function to in-vehicle display system
You can achieve HMI design and integration control in Cluster/Car Navigation System/Head-up display.
- Performance of graphics SoC to the full
We fully support 2D/3D GPU rendering, Multiple input/output picture and Blending and so on.

Overview

In the recent year's car, the system applied the 2D/3D graphics is developing such as an instrument cluster equipped with full color LCD, a car navigation system or a head-up display.

CGI Studio provides the workflow to achieve the design created by a designer can be worked on an actual target system(like actual product or prototype for product development) as framework of the authoring tool to develop HMI contents by such 2D/3D graphics.

CGI Studio consists of more than one tool(CGI Studio tool chain). There is an authoring tool(Scene Composer), a software graphics engine(Candera) and simulation tool(Analyzer).

Also there is an analysis tool to find a bottleneck of performance which is at the time of application execution by target hardware(Analyzer).



2D&3D Candera
Render Engines



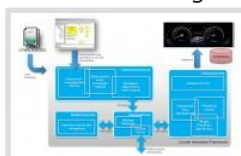
Scene Composer



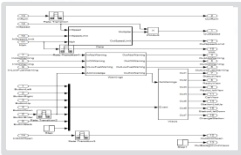
Player



Analyzer



Courier
Interaction Framework



State
Machine Connector



Memory Manager

CGI STUDIO



Asset Tool Suite



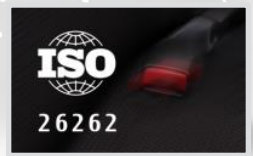
Multi
Language Support



Photoshop Importer



HTML 5 Module



ASIL Module

Additional modules: [Warping](#), [Stereoscopy](#), [HarfBuzz](#)

Change in a HMI development method

The former development method



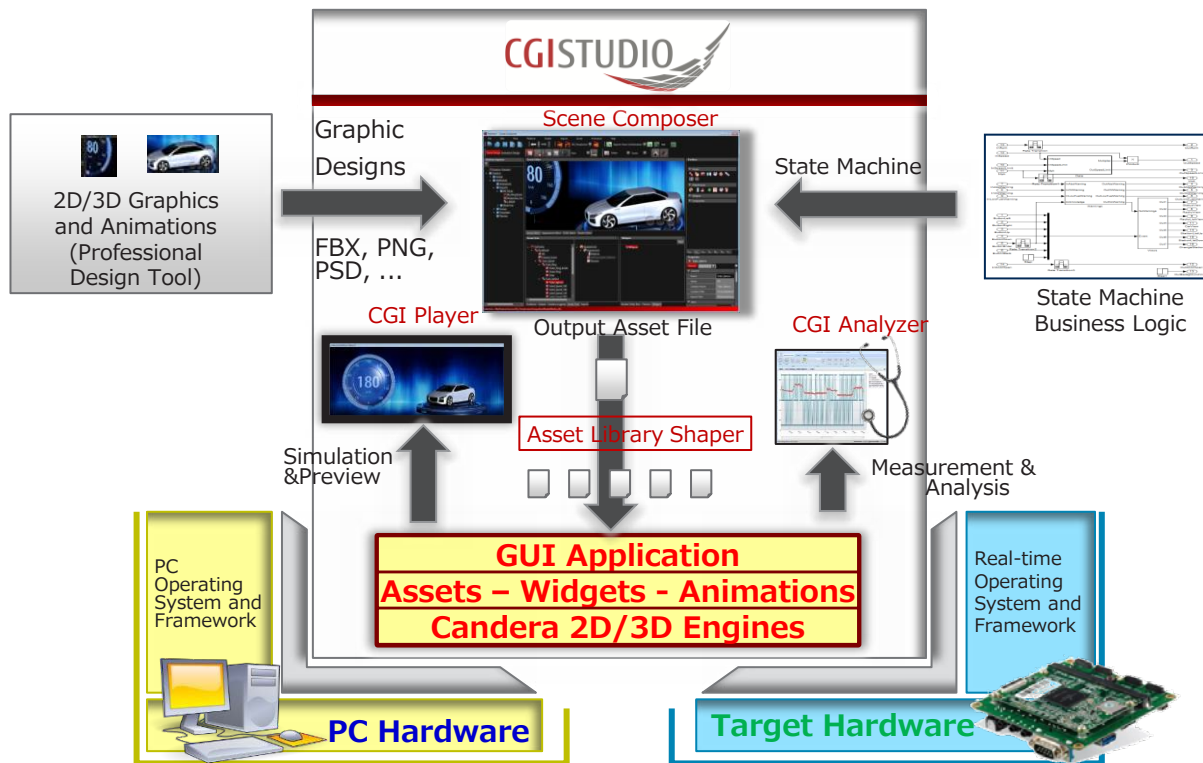
The man-day increases because the design becomes more complicated and the requirement of development increases. It's limited to develop by former hand-coding.

The future development method



It's possible to reduce development time by CGI Studio introduction! For development of multiple item, the man-day is also minimal compared with the former method! Development using a HMI design tool will be the mainstream from now on!

CGI Studio Workflow



The same expression can be achieved on the target and on the PC.

Details of this product see below, please.
<http://www.cgistudio.at/>

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