

Candera CGI Studio Now Supports Traveo™ II MCUs

July 1, 2020 / Linz / Austria – For many years, Candera’s CGI Studio has been the HMI creation tool of choice when it comes to developing powerful HMI solutions on embedded Graphic MCUs for cost sensitive applications. Candera proudly presents CGI Studio, running on Cypress’ Traveo™ II automotive MCU, that supports all available features of this capable device like multi-core, as well as all-render modes – from IBO, LBO to OTF.



With more than 20 years of embedded software experience, Candera supports customers worldwide in HMI creation – from low-end MCUs to high-end SoCs. “We know that especially MCUs with their massive restrictions on RAM and ROM are challenging HMI developers when it comes to creating powerful and reliable Human Machine Interfaces,” says Reinhard Füricht, general manager of Candera. “With more than two decades of experience in the market of embedded software, we started to develop UI creation tools in times where low-end devices were our daily business. Therefore, our core product, CGI Studio, is highly optimized for runtime and memory performance with a special focus on low-memory footprint.”



Digital instrument cluster created with CGI Studio running on Cypress’ Traveo II

Starting in July, CGI Studio is now officially supporting Cypress’ Traveo II Graphic MCUs (CYT4DNxxx), the newest member of the Traveo MCU lineup. As always, we aim to fully leverage each of the MCU’s capabilities to its fullest with CGI Studio. Traveo II is a particularly strong contender in market segment up to Full-HD resolutions, offering unique features like multi-core, as well as all-render modes like:

- IBO (Image-based operation) for traditional frame buffer drawing
- LBO (Line-based operation) Increased BLIT engine performance and reduced memory
- OTF (On-the-fly mode) to reduce VRAM memory consumption

“Cypress has developed high-performance HMI solutions with Candera for several years now, including the automotive instrument cluster on our current reference board that was created with CGI Studio,” says Sven Natus, vice president of the Automotive Business Unit at Cypress, an Infineon Technologies company. “We appreciate that Candera is now supporting the entire feature set of our latest Traveo II family, allowing customers to leverage the full performance of the graphic subsystem and to further reduce their BOM cost.”

The latest HMI solution running on Traveo II is a fully digital instrument cluster that has been created with CGI Studio 3.9, released only a few weeks ago.

To experience the new solution on Traveo II, watch the movie:

<https://www.youtube.com/watch?v=Lby8zDY7IGo&feature=youtu.be>

For more information about CGI Studio 3.9 visit: <https://cgistudio.at/cgi-studio-3-9/>

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/

About Candera

Candera, is a leading HMI tool provider and development partner for worldwide automotive and industrial customers. Candera 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.

Candera GmbH in Linz/ Austria and Candera 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/>

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

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

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

Twitter: <https://twitter.com/CanderaGmbH>

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