

Candera and ADLINK announce partnership

July 26, 2021 - Linz, Austria / Taipei, Taiwan - Candera, a leading provider of HMI design tools and ADLINK Technology Inc., a global leader in edge computing, are announcing their cooperation. It is first brought to life in a fully digital 2D/3D washing machine GUI in full HD resolution with multi-language support, addressing the goal of both companies to meet the needs of large international customers in the IoT market.



Candera's user-friendly, no-coding HMI design tool CGI Studio is a highly intuitive, scalable and hardware independent HMI design tool. It allows the development of innovative and customizable embedded GUI solutions of all kinds for the automotive area, industry and home appliances market. CGI Studio provides multi language support, includes ready-to-use HMI controls and the Candera Smart Importer for instant combination of designs with logic in only a few clicks. The result are scenes that not only feature pin sharp graphics but can also support 2D and 3D elements and animations.



Image 1: CGI Studio's digital 2D/3D washing machine GUI with multi-language support

In a first project with ADLINK - an innovative, fully digital 2D/3D washing machine GUI – the Candera team was able to highlight the advantages of CGI Studio: A 3D start-up and washing-program animations were developed as well as a 2D progress-bar and time animations – both self-evidently in full HD resolution and with multi language support. The goal for Candera as well as ADLINK is always to provide their customers with products they can easily implement world-wide.

The GUI runs on ADLINK's I-Pi SMARC with Rockchip PX30 SoC and Android 64bit OS. ADLINK offers the I-Pi SMARC PX30 ready-to-go IoT prototyping platform based on the LEC-PX30 SMARC module, which combines production-grade components, software portability, and Raspberry Pi-like flexibility and upgradability for proof-of-concept designs. The modules are also available in industrial-grade SKUs with ETT and longevity of over 10 years.



Image 2: ADLINK I-Pi SMARC PX30 development kit

In this new collaboration with ADLINK, Candera can bring the advantages of their HMI expertise to full potential: "We strive to deliver our customers an off-the-shelf solution for creating rich and modern GUIs with CGI Studio – now also on ADLINK's I-Pi SMARC platform," says Thomas Kaufmann, Sales and Business Development Manager for Candera. "The combination provides an easy access to the GUI tool and absolutely quick results with CGI Studio: There is no coding required from design to simulation to target deployment. Just bring your design to life with a few clicks!"

"We developed I-Pi SMARC platform to provide additional benefit to our customers by reducing project's time-to-market and assuring them access to the industrial, production-grade SMARC COMs to save time and money in later stages of design, SMARC clearly stands out as the only truly open, versatile, future proof, low power COM standard in a highly fragmented market with a multitude of alternative form factors." said Henri Parmentier, Senior Product Manager, ADLINK. "We saw a perfect fit with Candera's CGI Studio simplified creation of immersive user interfaces for diverse IoT applications and the continuous focus of both to drive future market innovations" concluded Parmentier.

Intuitive touch feedback of displays and devices is no longer a privilege of the automotive industry. It has already found its way into multiple application fields like industry, medicine, entertainment and household appliances. This is why Candera and ADLINK invest into this collaboration.

Based on over 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_jisedai/

About ADLINK

ADLINK Technology Inc. is a global leader in edge computing. Our mission is to affect positive change in society and industry by connecting people, places and things with AI. The company offerings include robust boards, real-time data acquisition solutions and application enablement for AIoT. ADLINK serves vertical markets including manufacturing, communications, healthcare, aerospace, defense, energy, infotainment, and transportation. ADLINK is a Titanium Member of the Intel® Partner Alliance, a partner of NVIDIA, and a contributor to standards initiatives such as Eclipse, OCP, OMG and ROS2 TSC. ADLINK is ISO-9001, ISO-14001, ISO-13485 and TL9000 certified and is publicly traded on TAIEX (Stock Code: 6166). Learn more at <https://www.adlinktech.com/en/index>. Learn more about I-Pi at: www.ipi.wiki.

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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.candera.jp.co.jp/>

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

YouTube: https://www.youtube.com/channel/UCZyZdK8yFY52Ot-SvaGkM_A

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

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