

### Exhibited at “The 13th Automotive World” in Tokyo

Candera exhibited at “Automotive World” on January 20 to 22, 2021 at Tokyo Big Sight in Japan and online.

#### The 13th Automotive World

<https://www.automotiveworld.jp/en-gb.html>

13th  
**AUTOMOTIVE  
WORLD** 2021



Automotive World Tokyo is the largest exhibition for the advanced automotive technologies worldwide. It is a combination of exhibitions & conferences covering important topics in the automotive industry such as automotive electronics, connected car, autonomous driving, EV/HV/FCV, lightweight, processing technology and MaaS.

The Candera booth showcased the latest novelties in the fields of Automotive HMI design and Embedded Software, including a digital meter cluster running on Renesas Electronics' “R-Car M3”, and a high-resolution cluster demo using Mentor Graphics' real-time operating system. Furthermore, Candera introduced CGI Studio's Smart Photoshop Importer, a brand-new feature, enabling a rapid and automated HMI creation.

David Aberl, Candera's Product Manager, presented about “Smart HMI Development – AI assisted UI/UX automation” online. In this presentation he introduced more about Candera's Smart Photoshop Importer, and how this feature can especially support graphical artists and designers with no programming skills to automatically create full functional HMIs.

#### 「R-Car M3」Cluster Solution

This modern digital cluster is one of the newest iterations of Candera's ambition to shape and create the future of automotive HMIs. It includes a modern design, PBR, Particle effects, Morphing and many more.



<https://youtu.be/chFEb43WY4o>

## Safety Certifiable High Resolution Cluster Demo

This solution showcases safety separation between an advanced automotive cluster HMI application, implemented using CGI Studio, and safety-critical digitally displayed tell-tale warning indicators. It addresses the challenge of mixing safety-critical and non-critical information on a single instrument cluster display while satisfying essential safety requirements for automotive certification such as ISO 26262.



<https://youtu.be/XbXyBSL1s-g>

Apart from those solutions, Candera presented several other innovative HMI solutions for the Automotive industry, like an Android™ based solution and the Holistic HMI approach. We had many visitors came to Candera booth.

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/](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/>

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

YouTube : [https://www.youtube.com/channel/UCZydzK8yFY52Ot-SvaGkM\\_A](https://www.youtube.com/channel/UCZydzK8yFY52Ot-SvaGkM_A)

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

Linkedin : <https://www.linkedin.com/company/candera-cgistudio/>

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