

UINCS | HYUNDAI

# Stretchable Sinter Free Printed Electronics for Seamless User Interfaces

Hyundai collaborates with UINCS to develop a new Human Machine Interface (HMI) experience.

## THE CHALLENGE

The overarching goal was to create a new HMI experience in the vehicle through UINCS' highly stretchable printed electronics technology.

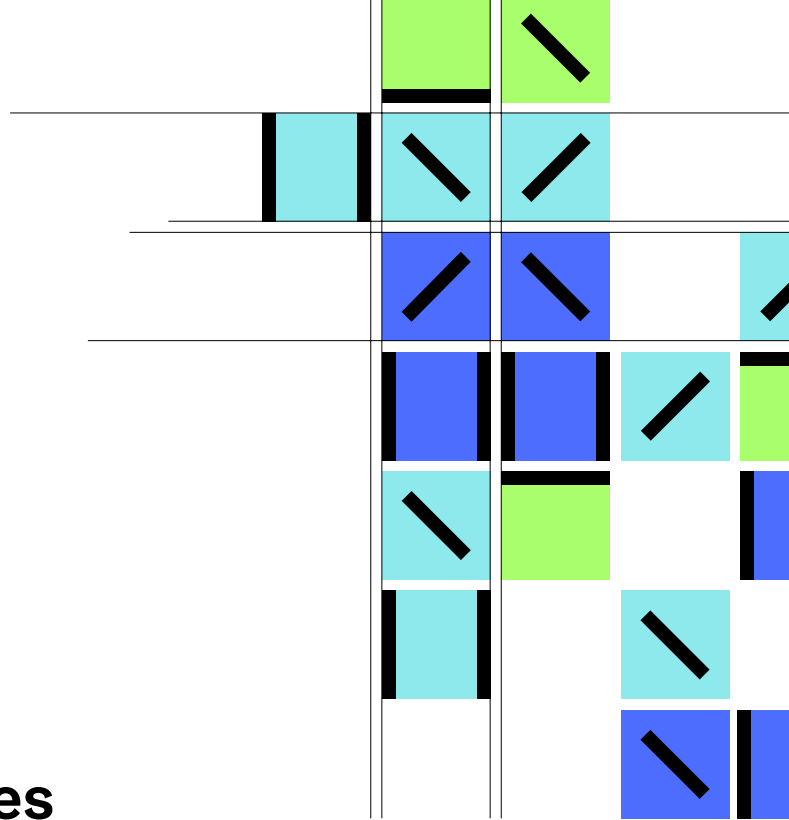
## THE SOLUTION

Hyundai worked with UINCS's advanced design team to renovate the vehicle's center console and the seat area by applying new control ways with UINCS' technology.

## THE OUTCOME

As a result, Hyundai and UINCS worked on a seat/console and allowed people to test the new controllers. With Hyundai's regional R&D Center (HMETC), the teams tested out the functionality and reliability of the technology. Through the PoC project, UINCS was able to ideate and learn about the future HMI, which allows them to better prepare and suggest in-cabin experience to customers.

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## UINCS

### WEBSITE

[uincs-tech.com](https://uincs-tech.com)

### FOUNDED

2023

### HEADQUARTERS

Coimbra, Portugal

### NO. OF EMPLOYEES

10–50

# UINCS

UINCS integrates ultrathin sensing, lighting, and printed circuit solutions in incredible, complex, and stretchable shapes using a wide range of materials.

UINCS's technology transforms products with ultra stretchable sinter free room temperature printed electronics.

## ABOUT STARTUP AUTOBAHN

STARTUP AUTOBAHN powered by Plug and Play is an open innovation platform that provides an interface between innovative tech companies and industry-leading corporations. The basis of the program is the partnership that develops between startups and the corporate business units. The two entities hold an equal footing from the get-go: together they evaluate the potential for a joint venture, move forward to pilot the technology, and work to achieve the ultimate goal – a successful production-ready implementation. Designed with the intention to exceed startup acceleration, STARTUP AUTOBAHN powered by Plug and Play moderates a community for collaboration with a focus on implementable results. Over the years, the platform has successfully cultivated over 400 projects with more than 300 startups since its founding in 2016.

## ACKNOWLEDGEMENTS

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