



FORCIOT and Motherson are announcing the cooperation for embedding Forciot® sensor technology in automotive surface design solutions

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Automotive interior designs are driven today by the growing need for lighter, more intuitive, simpler yet more stylish and cost-efficient solutions. Forciot is announcing the cooperation for designing and manufacturing together a smart surface multi-functional console panel with Motherson Innovations, the technology arm of the Motherson Group, a Tier 1 global automotive supplier. The solution is based on Forciot® stretchable electronics sensor technology. The new HMI controller is integrated within innovative surface materials and it combines touch and force sensing functions for enhanced user experience.

“The developed and announced system is three dimensional, stretchable and stylish solution that will provide intuitive functionalities for the automotive users as part of Motherson’s’ cutting edge central console solution. We are proud to cooperate with the global Motherson Innovations teams that are passionate to drive innovation and advanced functionality to their future solutions. “, says Tytti Julkunen, Chief Marketing Officer, at Forciot. After extensive customer feedback and further development cycles, Motherson’s goal is to deliver innovative HMI concepts for the vehicle interior to customers even faster to stay ahead of the market in addressing future challenges.

“At Motherson Innovations we looked for the right partner to design and implement the spearheading solution. The Forciot technology was suiting perfectly for the purpose and the co-operation with the skilled Forciot team has been outstanding from the start. We look forward to introducing the results of our co-operation, the intuitive smart surface solution, to the automotive market. This sets a great base to continue cooperation between the companies going further“, says Vincent Wilson, Technology & Innovations Manager at Motherson Innovations.

The HMI control panel solution will be presented for the first time by both companies together at the Start-up Autobahn EXPO9 at 25th of February in 2021 and then later during the spring and summer at various events.

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About Forciot

Forciot is a Finnish technology company Headquartered in Finland and it develops advanced IoT sensor solutions. Forciot's unique stretchable electronics solution measures and reports accurately force, weight, balance and pressure. The innovative printed electronics solution can be utilized also as an HMI- multitouch controller responding to gesture or to replace buttons also in elastic environments when integrated as an example into car interiors. Due to the advanced reading algorithms and related machine learning elements, the Forciot system self-calibrates to assure accurate measurements and functionality during the lifecycle of the product. Forciot's key business areas are automotive, logistics and wearable sectors.

About Motherson Group

The Motherson Group is a globally operating supplier providing full system solutions to the automotive industry, from design, simulation and prototyping to tooling, moulding, painting and final assembly of highly integrated modules. The group was founded in 1975 and is today one of the world's fastest-growing automotive component makers. Its business portfolio comprises a broad range of superior quality and aesthetic products for all large car manufacturers worldwide such as cockpits, bumpers covers, rearview mirrors, camera systems, lighting systems, decorative interior and exterior trims, wiring systems, air management systems and off-highway vehicle cabins. Furthermore, Motherson produces refrigeration systems, machined and sintered metal parts, elastomer parts, cutting tools, thin-film coating metals and injection moulding tools and provides comprehensive IT and design engineering services to various industry segments. The Motherson Group is one of the 22 largest automotive suppliers worldwide, employing over 135.000 people in more than 270 locations in 41 countries across five continents. For more information please visit www.motherson.com.

About Motherson Innovations

Motherson Innovations is the global team of the Motherson Group, which focuses on the development of advanced technologies across the different divisions. It is bundling the most skilled engineers, researchers and business developers from the Motherson Group subsidiaries to one tightly cooperating organisation, thereby creating multiple synergies. Its experts, who are spread across the globe, are well connected to many of the world's leading technology specialists and also to the global network of the Motherson Group. Motherson Innovations has the objective to accelerate the development of many of the group's latest advanced technologies and to enter new and attractive market segments including automotive, medical, white goods, consumer goods and clean-tech. By providing the Motherson Group with cutting edge solutions and high-value verticals, Motherson Innovations supports the group to continuously adapt to the fast-changing industry. With solutions meeting the future needs of people and customers around the globe, Motherson Innovations is an integral part of the Motherson Group, contributing to the group's growth targets. To learn more about Motherson Innovations, visit www.motherson-innovations.com