

Caverion delivered cleanroom space to Nexperia in Germany

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Nexperia is a global electronics company headquartered in the Netherlands. With increasing digitalisation, the demand for semiconductors has grown strongly - and with it the need for cleanroom space. With more than 1,600 employees, Nexperia in Hamburg produces annually more than 100 billion components, which are needed in every electronic system worldwide. Caverion's know-how helps to keep Nexperia's production up to the latest standards.



Caverion has recently handed over an ISO4 certified cleanroom to semiconductor manufacturer Nexperia Germany GmbH for its Hamburg production facility. The existing cleanroom has been expanded by 700 m².

Achim Kempe, Chief Operating Officer (COO) Nexperia explains: "We have been producing semiconductors here at the Hamburg-Lokstedt site in for over 70 years and have continuously modernised it. To achieve our ambitious growth targets, we are pleased to have reliable partners like Caverion, with whom we have a long-standing collaboration."

Extremely high hygiene and safety standards

Caverion was responsible for the overall implementation of the cleanroom, including the technical disciplines of refrigeration, ventilation, heating and steam connections as well as the automation of the filter fan units.

Caverion experts have set up systems for processing around 50,000 m³ of outside air, installed around 330 filter fan units including coolers, and around 120 sprinkler heads. In addition, they installed the wall and ceiling systems, including the necessary steel construction work and concluded the project with the final commissioning and validation of all technical components, wall and ceiling modules.

"This project required very specific cleanroom expertise to fulfil the highly regulated hygiene and safety requirements," explains **Manfred Simmet**, Head of Caverion Division Germany. "We are proud of our inhouse cleanroom team which has a proven track record of many successful cleanroom implementations for even the highest ISO level," he continues.

For more information, please contact:

Holger Winkelsträter, Head of Marketing and Communication, Caverion Germany, +49 89 374 288 117, holger.winkelstraeter@caverion.com

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