

Toppan and EVG hook up on NIL – September 19, 2022

By David Manners 20th September 2022

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EV Group (EVG), the wafer bonding and lithography equipment supplier and Toppan Photomask have entered into an agreement to jointly market nanoimprint lithography (NIL) as an enabling high-volume manufacturing (HVM) process for the photonics industry.

The collaboration aims to establish NIL as an industry standard production process for photonics manufacturing, and accelerate its implementation in HVM to support a wide variety of applications. These applications include augmented/mixed/virtual reality headsets, smartphone and automotive sensors, as well as medical imaging systems.

As part of this non-exclusive collaboration, EVG and Toppan Photomask will pool their knowledge, expertise and services to provide NIL development kits utilising master templates from Toppan Photomask and equipment and process development services provided by EVG to further promote NIL technology and its possibilities for industrial-scale implementation.

In addition, EVG will offer NIL technology and product demonstrations to interested companies at EVG's NILPhotonics® Competence Center at its headquarters in Austria.

Each company will designate the other as a recommended supply chain partner to companies interested in leveraging NIL to support their production needs.

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