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High-Tech Nexus Launched in Indiana

Will leverage next generation technologies, spur workforce development, seed small businesses

NHanced Semiconductors announces a new office in the Westgate Technology Park in Odon, Indiana, adjacent to the Naval Surface Warfare Center – Crane Division. The site will focus on “Foundry 2.0” – a new manufacturing model for custom integrated circuits.

Foundry 2.0 extends Moore’s Law with 3D integration, advanced packaging, and chiplets instead of relying on ever-smaller transistors. Its system level solutions minimize costs and risks while offering superior performance. NHanced President Bob Patti says: “Foundry 2.0 can reduce development costs for leading edge chips by up to 3 orders of magnitude.”

NHanced plans a phased effort at Westgate. The company is working with various US Government entities, the State of Indiana and its educational institutions, and US-based semiconductor manufacturers. The endeavor has several goals:

- create a knowledge-based semiconductor nexus in Indiana
- directly address the US government’s unique semiconductor needs
- bring split-fab wafer finishing and advanced packaging to the Westgate complex
- foster innovation in platform technologies and chiplets
- drive workforce development and promote small high-tech business

About NHanced Semiconductors:

NHanced Semiconductors, Inc., is a US-based design and manufacturing innovator with deep expertise in cutting edge semiconductor technologies. Its extensive experience in advanced packaging includes 3D-ICs, silicon interposers, 2.5D, chiplets, additive silicon manufacturing, photonics, microfluidics, etc. The manufacturing facility specializes in BEoL and advanced packaging, working with an unusually large variety of materials.

For more information visit <https://nhanced-semi.com/>

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