

1. **What did Ansys announce today?**

Ansys has acquired Lumerical, the leader in high-performance silicon photonic simulation.

2. **Why is this significant?**

The acquisition of Lumerical will enable Ansys customers to predict light's behavior within complex photonic structures and systems. Ansys provides a comprehensive solution for semiconductors and high-performance electronics, and with the acquisition of Lumerical, we are extending Ansys' capabilities to address the challenges of the photonic industry.

Silicon photonics is an expanding market and Lumerical provides a comprehensive set of tools for the design and analysis of integrated photonic components and systems, similar to the traditional electronic design automation (EDA) environment. Lumerical complements Ansys SPEOS by serving as a de facto light source for predicting the illumination and optical performance of systems such as interior automobile lighting.

3. **What does Lumerical do?**

Lumerical develops component-level simulation software that deploys multiphysics workflows to model optical, electrical and thermal effects at the physical level. The company provides a system-level simulation solution that offers a rich set of analysis capabilities to design and optimize the performance of electro-optical circuits.

Who is Lumerical used by?

4. Lumerical's solutions are used by companies designing photonic devices such as Avalon Holographics, CompoundTek, LIGNETEC and Rockley Photonics.

5. **Why is this acquisition important?**

Lumerical supports Ansys' strategy to innovate and advance its solutions to meet customers' future needs, providing simulation technology to all industry segments. This technology will expand Ansys' market to the photonics industry.

With the advent of 5G applications as well as autonomous vehicles, organizations will be forced to handle more data faster than ever. Traditional means of transmitting that data will be replaced by higher-efficiency optical networks. Lumerical's photonic simulation products work together seamlessly, enabling designers to model the most challenging problems in photonics that include interacting optical, electrical and thermal effects.

6. **What is the long-term financial impact for Ansys?**

The transaction is not expected to have material impact on Ansys' consolidated financial statements in 2020.

7. **Where is Lumerical based?**

Lumerical is headquartered in Vancouver BC, Canada.

8. **How many people does Lumerical employ?**
Lumerical employs approximately 50 people.
9. **How will this acquisition affect Ansys and Lumerical customers?**
Lumerical products will be added to Ansys price list in 2020. The products will be part of the New and Emerging Technology sales team and will be fully supported by Ansys' ACE organization. We expect business as usual with no immediate impact on the existing Lumerical customer base.
10. **How will Lumerical fit into the overall structure at Ansys?**
While the specifics are still being evaluated, it is anticipated that the Lumerical development team will integrate into Ansys' existing product development organization.
11. **Who will be responsible for the integration of the two businesses?**
As with past acquisitions, leaders from both companies will work collaboratively to plan and to leverage each individual company's strengths for the benefit of the combined organization.

Forward-Looking Information

This information contains certain forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995 with respect to the acquisition, including statements regarding the benefits of the acquisition and the products and markets of each company. Forward-looking statements are predictions, projections and other statements about future events that are based on current expectations and assumptions and, as a result, are subject to risks and uncertainties. Many factors could cause actual future events to differ materially from the forward-looking statements including but not limited to: (i) risks that the transaction disrupts current plans and operations of Lumerical and potential difficulties in Lumerical employee retention as a result of the transaction, (ii) risks related to diverting management's attention from Lumerical's ongoing business operations, (iii) the ability of Ansys to successfully integrate Lumerical's operations, product lines, and technology, and (iv) the ability of Ansys to implement its plans, forecasts, and other expectations with respect to Lumerical's business after the completion of the acquisition and realize additional opportunities for growth and innovation. In addition, please refer to the documents that Ansys files with the SEC on Forms 10-K, 10-Q and 8-K. These filings identify and address other important risks and uncertainties that could cause events and results to differ materially from those contained in the forward-looking statements set forth herein. Forward-looking statements speak only as of the date they are made. Readers are cautioned not to put undue reliance on forward-looking statements, and Ansys assumes no obligation to update or revise these forward-looking statements, whether as a result of new information, future events, or otherwise.

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