

Unlocking the Metaverse Factory: Reshaping the Future of Manufacturing | The 2024 Siemens Digital Industry Software Pan-Semiconductor and PCB Industry Digital Intelligence Innovation Summit was successfully held at the Avary Time Center

From June 21 to 22, 2024, the "Unlocking the Metaverse Factory: Reshaping the Future of Manufacturing" themed 2024 Siemens Digital Industry Software Pan-Semiconductor and PCB Industry Digital Intelligence Innovation Summit was successfully held at the Avary Time Center. The event was hosted by Siemens Digital Industry Software, organized by Zhen Ding Technology Group and Shenzhen Lingyu Technology, and focused on the innovation and development of digital intelligence in the semiconductor and PCB industries.



Group photo of Zhen Ding Technology Group Avary Holding General Manager Martin Lin (left), Siemens Digital Industry Software Global Senior Vice President, Greater China CEO and Managing Director Leo Liang (middle), and Zhen Ding Technology Group Avary Time Center General Manager Hongying Sun (right)

This event attracted more than 150 pioneers and industry leaders in the semiconductor industry to engage in in-depth discussions on the application of semiconductors, PCBs, industrial metaverse, and artificial intelligence in manufacturing, aiming to promote high-quality development of the semiconductor industry and empower new quality of productivity. Siemens Digital Industry Software Global Senior Vice President, Greater China CEO and Managing Director Leo Liang, Zhen Ding Technology Group Avary Holding General Manager Martin Lin, Zhen Ding Technology Group Avary Time Center General Manager Hongying Sun, Shenzhen Lingyu Technology General Manager Charlie Zheng, GigaDevice Vice President Tao Zheng, and Hongwei Technology Vice President Siping Li attended the event.



Mr. Leo Liang, Senior Vice President of Global Siemens Digital Industry Software, CEO and Managing Director of Greater China, delivers a speech

At the beginning of the event, Mr. Leo Liang, the Global Senior Vice President of Siemens Digital Industry Software, and the CEO and Managing Director of Greater China, delivered an opening speech. He first emphasized the leading role of the pan-semiconductor and PCB industries in technological innovation, and then pointed out the importance of digital transformation in these industries for improving production efficiency, optimizing product quality, and accelerating the pace of innovation. As a leading global provider of digital solutions, Siemens has been committed to leveraging cutting-edge smart manufacturing technologies to promote digital transformation in the semiconductor industry and achieve sustainable industrial development.



Mr. Martin Lin of Avary Holding, Zhen Ding Technology Group, delivers a speech

Following that, Mr. Martin Lin of Avary Holding, Zhen Ding Technology Group, also delivered a speech and expressed his warm welcome and sincere gratitude to all the guests. Mr. Martin Lin pointed out that the semiconductor industry, as the cornerstone of modern information society, plays a crucial role in promoting technological progress, industrial upgrading, and enhancing national competitiveness. He hoped that through this summit, companies upstream and downstream in the semiconductor industry chain can deepen cooperation, promote the upgrading and optimization of the industry chain, achieve effective sharing of resources and complementary advantages, and thus jointly promote the prosperity of the semiconductor industry.

At the beginning of the event, Mr. Martin Lin of Avary Holding, Zhen Ding Technology Group first delivered a speech and extended a warm welcome and heartfelt thanks to all the guests. Mr. Martin Lin pointed out that the semiconductor industry, as the cornerstone of modern information society, plays a crucial role in promoting technological progress, industrial upgrading, and enhancing national competitiveness. He hopes that through this summit, enterprises in the upstream and downstream of the semiconductor industry chain can deepen cooperation, promote the upgrading and optimization of the industry chain, achieve effective sharing of resources and complementary advantages, and thus jointly promote the prosperity of the semiconductor industry.



Mr. Xiangming Zhou, Vice President of Siemens Digital Industry Software, delivers a keynote speech

In the keynote sharing session, Mr. Xiangming Zhou, Vice President of Siemens Digital Industry Software, presented a speech titled "Embracing the Metaverse Factory to Empower New Forms of Productive Forces." He provided a detailed interpretation of the concept of the metaverse factory and foresaw its profound impact on the future of manufacturing. Mr. Zhou believes that the metaverse factory is not only a technological innovation but also a reshaping of production relations and methods. Under this new production model, virtual reality and augmented reality technologies will be deeply integrated into the production process, achieving seamless integration between the physical and digital worlds, and promoting a qualitative leap in productivity.



Mr. Rui Wang, Senior Solution Consultant for Digital Manufacturing at Siemens Digital Industry Software, delivers a keynote speech

Additionally, Mr. Rui Wang, a senior solution consultant for digital manufacturing at Siemens Digital Industry Software, delivered a speech on the topic of "PCB Factory Simulation Design Aids the Construction of Digital Twin Factories." He proposed that through highly accurate simulation models, it is possible to conduct comprehensive testing and optimization of the PCB production line in a virtual environment. This approach allows for the anticipation and resolution of potential issues before the physical factory is constructed, thereby achieving a dual enhancement of production efficiency and product quality.



Group photo of all guests at the 2024 Siemens Digital Industry Software Pan-Semiconductor and PCB Industry Digital Intelligence Innovation Summit

After a series of lively discussions and exchanges, this high-level summit came to a successful conclusion. The attendees left with a wealth of knowledge and profound insights, and the event sparked intellectual exchanges and collisions in the field of intelligent manufacturing. The summit provided a valuable platform for participants to explore the future trends of the manufacturing industry, offering them deep insights and guidance.

From Siemens' exploration in the field of industrial metaverse to the application of data integration solutions in improving design efficiency, and to the innovative practices of AI technology in semiconductor packaging and testing, product lifecycle management, and the enhancement of thermal performance and reliability of automotive-grade power semiconductors, these cases not only demonstrate technological breakthroughs but also reflect the innovation of production concepts and the inevitable trend of intelligent transformation in manufacturing.

With the continuous advancement and widespread application of intelligent manufacturing technology, we have reason to believe that the manufacturing industry will usher in a more intelligent and automated future, more flexibly adapting to market changes and demands. The topics discussed and cases shared at this forum will undoubtedly provide valuable experience and insights for the transformation of the manufacturing industry. As witnesses and promoters of this new chapter of intelligent manufacturing, we look forward to a more brilliant future, expecting the manufacturing industry to create more value and possibilities for society.

Snapshot of the event



Registration site for the 2024 Siemens Digital Industry Software Pan-Semiconductor and PCB Industry Digital Intelligence Innovation Summit



The hosting scene of the 2024 Siemens Digital Industry Software Pan-Semiconductor and PCB Industry Digital Intelligence Innovation Summit



Guests visited Avary Time Center at the 2024 Siemens Digital Industry Software Pan-Semiconductor and PCB Industry Digital Intelligence Innovation Summit



Group photo of guests at the 2024 Siemens Digital Industry Software Pan-Semiconductor and PCB Industry Digital Intelligence Innovation Summit



Tea break scene at the 2024 Siemens Digital Industry Software Pan-Semiconductor and PCB Industry Digital Intelligence Innovation Summit



Souvenir gift presentation at the 2024 Siemens Digital Industry Software Pan-Semiconductor and PCB Industry Digital Intelligence Innovation Summit

About Siemens Digital Industries Software

Siemens AG, founded in 1847, has become a global leader in the field of electrical engineering and the largest industrial manufacturing enterprise in Europe, with business in over 200 countries, focusing on electrification, automation, and digitalization. Its subsidiary, Siemens Digital Industries Software, is a global leader in product lifecycle management (PLM) software and services, providing digital factory and product development solutions such as the SIMATIC software series, TIA Portal programming software, and Solid Edge mechanical design software, supporting customers in achieving digital transformation and improving production efficiency and product quality. Siemens has 63,000 customers and 6.7 million installations worldwide, continuously consolidating its leading position in the digital field through strategic acquisitions such as UGS, Innotec, COMOS, etc. The company is committed to promoting the digital transformation of the manufacturing industry, with a vision of achieving more efficient and intelligent production methods through excellent digital solutions, helping enterprises turn ideas into successful products.

About Zhen Ding Technology Group

Zhen Ding Technology Holding Limited (Taiwan Stock Exchange Ticker: 4958) is engaged in the research, development, production and sales of a wide range of flexible printed circuit boards (FPC) and modules, high-density interconnect (HDI) PCBs, substrate-like PCBs (SLP), Mini LED ultra-thin boards, IC substrate and multi-layer rigid printed circuit boards (RPCB) for a wide range of applications including computer information, consumer electronics, networking, automotive electronics, high-performance computing and medical fields. We provide one-stop shopping for all-round solutions to our customers. For more information, please visit the Company's website: <http://www.zdtco.com>.

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