

# Huawei Connect 2023: Accelerating intelligence for shared success

Huawei Connect 2023 kicked off in Shanghai on September 20, 2023, bringing together business leaders, tech experts, partners, developers, and industry stakeholders from around the world to explore new opportunities for an intelligent future.

At the event, Sabrina Meng, Huawei's Deputy Chairwoman, Rotating Chairwoman, and CFO, unveiled the company's AI Intelligence strategy. She described the company's ongoing efforts to dive deep into foundational AI technologies and build a solid computing backbone for China and another option



**Sabrina Meng, Huawei's Deputy Chairwoman, Rotating Chairwoman, and CFO, speaking at Huawei Connect 2023**

for the world – to support a vast range of AI models and applications for all industries.

Huawei also released a reference architecture for driving intelligent transformation at this year's event, as well as a number of related products and solutions. This reference architecture is included in the company's new white paper, Accelerating Intelligent Transformation, which offers practical advice and references to help industries make the most of intelligence.



## Huawei's AI Intelligence Strategy

For the past two decades, Huawei has worked with the industry to drive information and communications technology forward, first with its All IP strategy to support informatization, and then with its All Cloud strategy to support digitalization. As artificial intelligence gains steam and its impact on industry continues to grow, Huawei's AI Intelligence strategy is designed to help all industries make the most of new strategic opportunities presented by AI.

Key to this strategy is providing the massive amounts of computing power needed to train foundation models for different industries. "Huawei is committed to building a solid computing backbone for China – and another option for the world," said Meng in her keynote. "We will keep strengthening the synergy between hardware, software, chips, edge, devices, and cloud to provide fertile ground for a thriving ecosystem. Our end goal is to help meet the diverse AI computing needs of different industries."

Meng also shared Huawei's next steps. "Going forward, Huawei will dive into the product and tech domains where we excel, and work closely with customers, partners, developers, and other stakeholders to provide cutting-edge,

easy-to-use industry solutions. By working together, we can help promote greater digital security and trustworthiness, and accelerate intelligence across all industries."

Towards the end of her speech, Meng stressed, "Competence breeds confidence. And the future is one we build together." To succeed in the intelligent future to come: "There's strength in solidarity. And victory through grit."



## Accelerating Intelligent Transformation for All Industries

Meng was followed by David Wang, Huawei's Executive Director of the Board, Chairman of the ICT Infrastructure Managing Board, and President of the Enterprise BG, who took the stage to announce the launch of Huawei's new Atlas 900 SuperCluster. This new AI computing cluster, the latest offering in Huawei's Ascend series of computing products, makes use of a brand-new architecture that's optimized for training massive AI foundation models with over one trillion parameters. The Atlas 900 SuperCluster comes packed with Huawei's state-of-the-art Xinghe Network CloudEngine XH16800 switch. With high-density 800GE ports, the SuperCluster's two-layer switching network can connect up to 2,250 nodes per cluster – equivalent to 18,000 NPUs – without oversubscription.

All told, the cluster's innovative super node architecture greatly boosts its overall computing power and takes the speed and efficiency of foundation model training to an entirely new level.

Huawei has leveraged its strengths in computing, storage, network, and energy to systematically improve system reliability at the component, node, cluster, and service levels. System reliability is incredibly important for training massive foundation models, and this approach has effectively extended the cluster's ability to support continuous model training from several days to a month or more.

"A new chapter of intelligent transformation is unfolding," Wang said. "We now stand at the threshold of a new and intelligent world, with vast opportunities and challenges ahead of us. We need to work together, dig deep into industry-specific scenarios, and build a solid computing backbone to power countless new AI models and applications. Together, we can help all industries go intelligent, and help them do it faster."

During his keynote, Wang launched nine new intelligent industry solutions based on Huawei's intelligent transformation reference architecture. A joint effort between Huawei, its customers and partners, these solutions are designed to meet the specific needs of different industries, including finance, government, manufacturing, electric power, and railways.

Wang also announced the release of a new white paper, Accelerating Intelligent Transformation. It's a collection of case studies and best practices aimed at helping all industries hit the ground running as they move to embrace new forms of intelligence.

As digital transformation enters a new stage, public services are becoming increasingly people-centric. For comprehensive service scenarios, integrated cloud and network infrastructure can meet users' requirements on cross-network and cross-region data exchanges, and provide one-stop services for the public.

## HUAWEI IN UGANDA

Huawei Technologies started its operations in 2001 in Uganda. Our main slogan is "A Better U for a Better Uganda" which has driven Huawei to intentionally create different activities using ICTs to impact on every Ugandan. Huawei Uganda cooperates with all the mainstream telecoms to promote better communication through use of the latest emerging technologies e.g. 5G technology.

Together with our enterprise customers, we employ open cloud solutions and agile networks to drive efficient operations and agile innovation which are intended to improve people's digital experience in work, life and entertainment. Our Vision and Mission is to bring digital to every person, home and organization for a fully connected, intelligent world.