



Huawei Cloud Stack

The Preferred On-Premises Hybrid Cloud

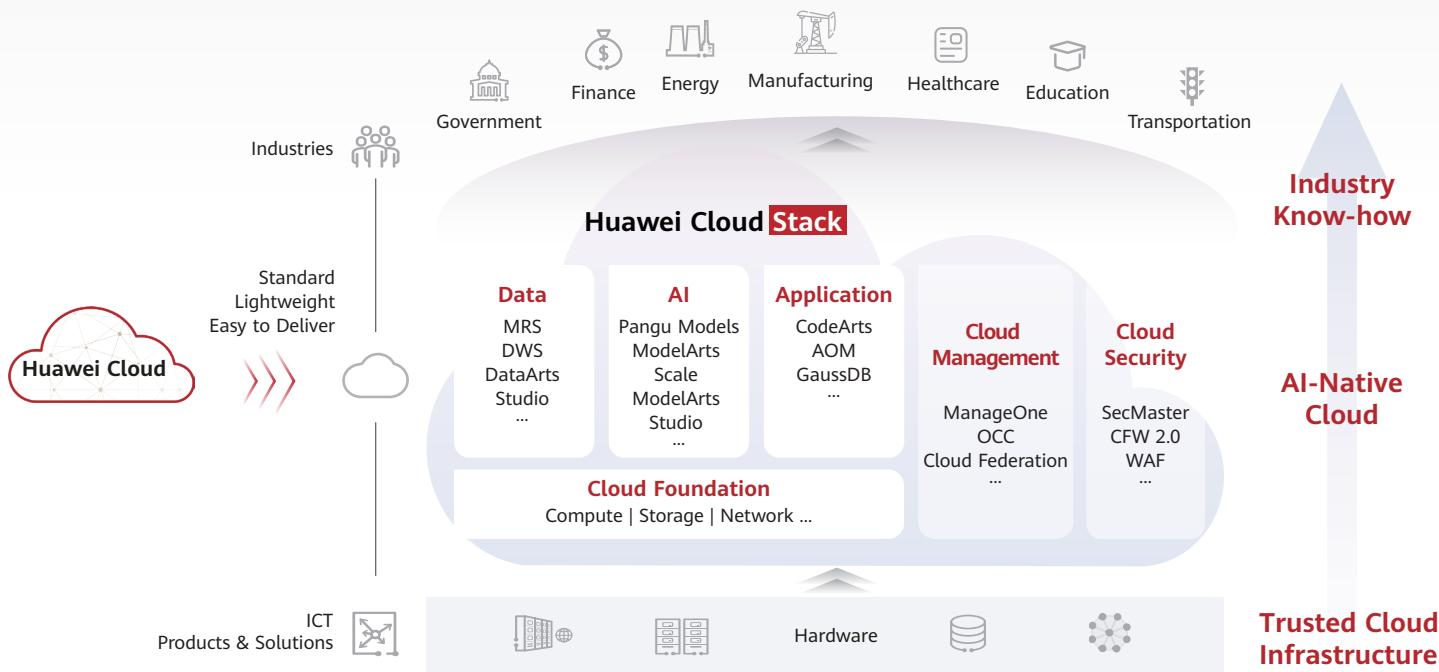


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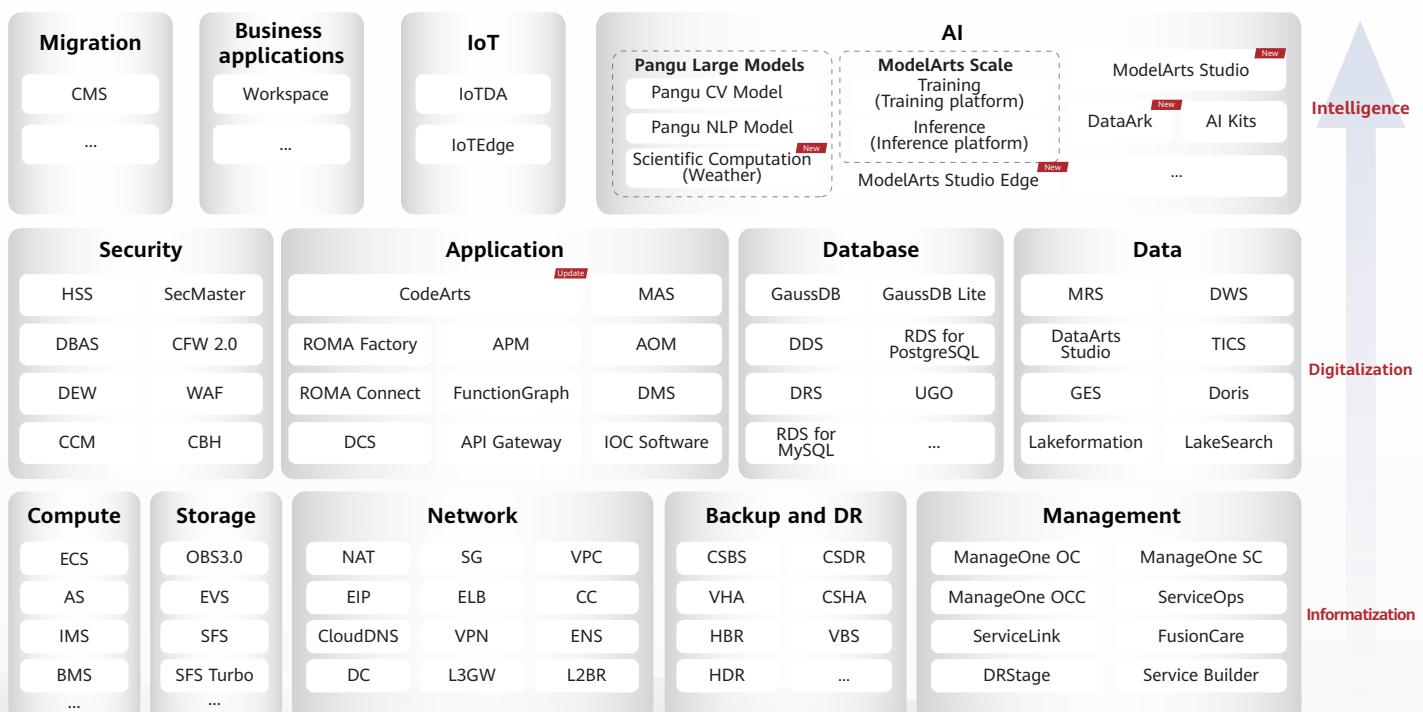
Huawei Cloud Stack: The Preferred On-Premises Hybrid Cloud

Supports on-premises deployment and provides comprehensive cloud services to help governments and enterprises dive into the cloud, thereby accelerating service innovation and intelligent upgrades.



Huawei Cloud Stack 8.6.0 Cloud Services

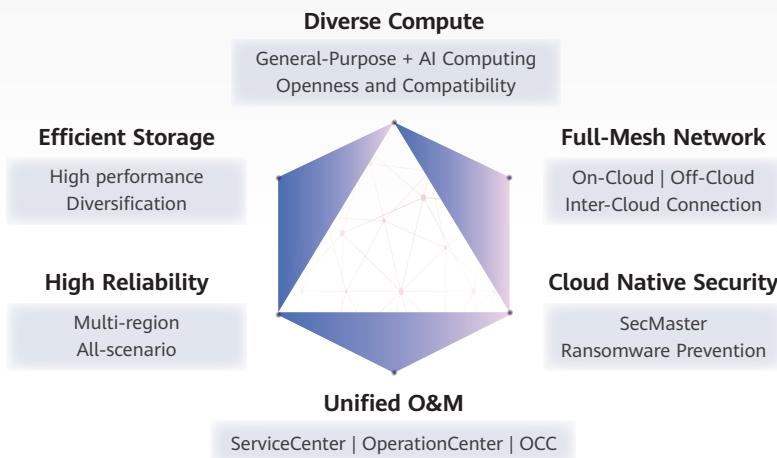
Almost 100, the industry's most extensive on-premises cloud services, enabling customers to seamlessly upgrade from informatization and digitalization to Intelligence.



Huawei Cloud Stack Empowers Enterprises to Shift from Cloud Migration to a Dive into Cloud



Trusted Cloud Infrastructure



General computing and intelligent computing

- High-Speed and Low-Latency RoCE Interconnection and Layer 3 Storage Cache, Ensuring Long-Term, Stable, and Reliable AI Training

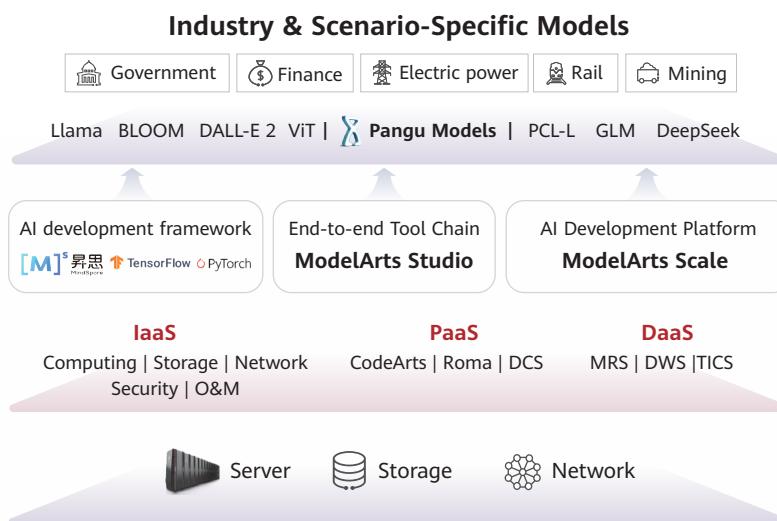
5 scenario-based compute solutions

- Data Computing | AI Computing | Container Computing | OA Computing | Cloud-Edge Computing

N+ key technology stacks

- Ultimate Computing, Storage, and Network Performance, Supporting Efficient Cloud Migration of Core Businesses
- Fast Fault Detection and Recovery Through Software-Hardware Synergy

AI-Native Cloud



Enabling All Industries

- Intrinsic integration and optimization of 30+ basic models
- 5 industries, 20 domains, 80+ scenarios

Enabling a Vast Range of Models and Applications

- Rich cloud services, AI development platform, and framework
- Enabling one-stop development of data, models, and applications

Building a Solid Backbone

- Leveraging all-round collaboration of compute, storage, network, security, and management to build AI-Ready infrastructure
- Able to directly add AI computing power to existing cloud platforms

Industry Know-How

Collaborating with ecosystem partners to launch over 50 scenario-based solutions for industries such as government, finance, and telecommunications, making cloud adoption simpler for customers.

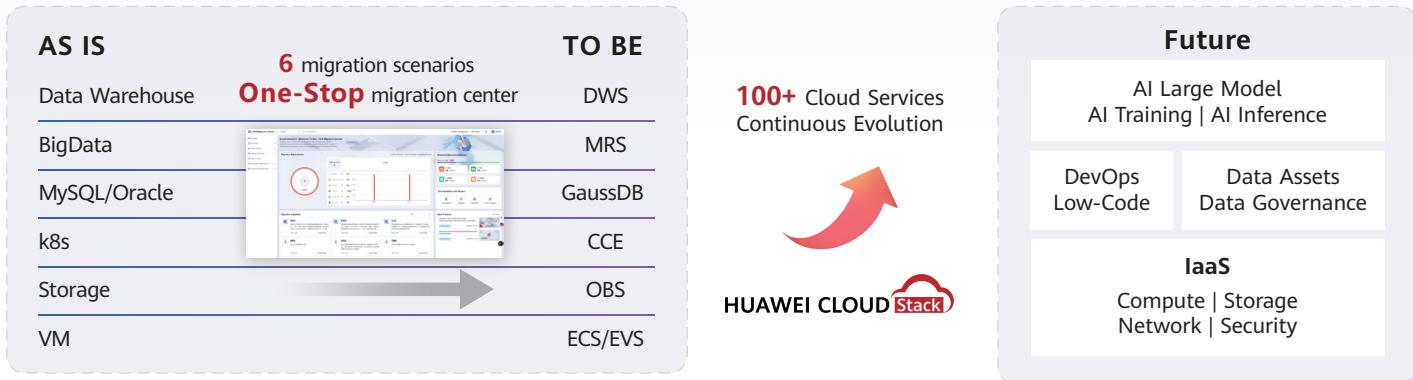
	Scenarios				Tools			
Ecosystem	Industrial Internet Virtualization Migration Digital twins...				AppArk DataArk One-stop migration ...			
Professional services	Government service/OA	Carrier	Finance	Smart Education				
Product Portfolio	Service survey	Solution LLD	Data on cloud	Database replacement	Apps on cloud	Large model innovation	IoT enablement	IaaS Databases Containers Software tool chain Big Data Data warehouse AI models ...

Digging deep into the industry



Virtualization Migration

To help customers upgrade from Traditional IT to the cloud, Huawei Cloud Stack offer a full set of migration support, including tools, services, and best practices. One-stop migration center covers 6 major scenarios. It uses agentless technology, requiring no changes to the business and having no impact on the migration process.

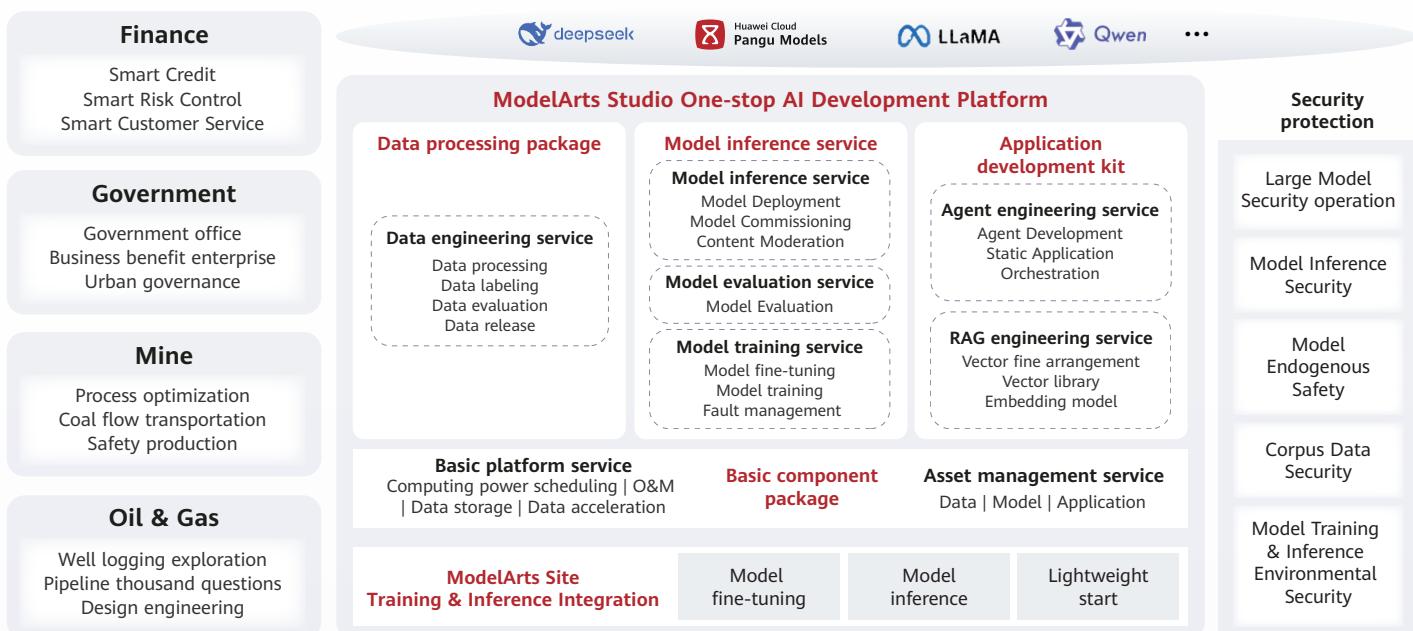


Success Story

Thailand's largest carrier previously had siloed IT systems. Now, it has replaced traditional virtualization with cloud infrastructure and partnered with Huawei Cloud Stack for its hybrid multi-cloud strategy. Leveraging a robust cloud foundation and worry-free migration, it has achieved significant improvements. Specifically, hardware utilization increased by 30%, three-year TCO reduced by 50%, and O&M efficiency enhanced by 20%.

AI

Huawei Cloud Stack ModelArts Studio is a one-stop AI development platform for different types of developers (data engineers, model engineers, and application engineers). It provides eight capability modules to implement one-stop data processing, model development, and application development, simplifying model building, training, and deployment.

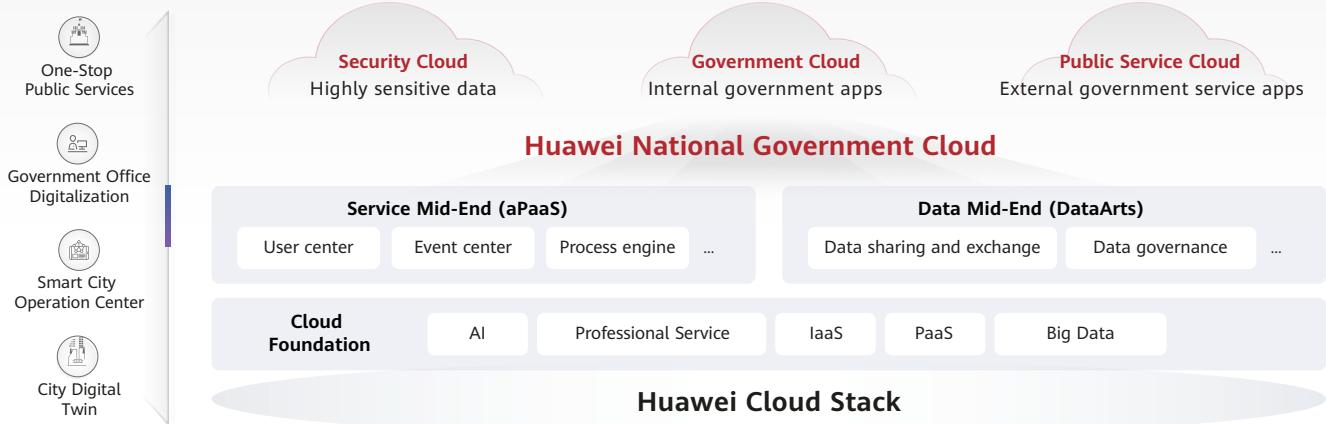


Success Story

Based on the Huawei Cloud Stack ModelArts one-stop AI development platform and Pangu large model, Xiangtan Iron and Steel Co., Ltd. has developed and launched the first batch of AI large models, covering 32 scenarios such as coking, sintering, ironmaking, and steelmaking in the steel process, and explored more than 100 scenarios, and completed digital enablement throughout the whole process and business. In the future, Xianggang will replicate and apply these innovative achievements in Hunan Iron and Steel Group on a large scale, and enable downstream industries and even the whole industry.

Government

National digitalization is now in a comprehensive intelligent stage driven by data and AI. Huawei, with its innovative ICT technologies and leading digitalization practices, has launched National Cloud 2.0. It helps governments accelerate national digitalization from three aspects: trustworthy cloud infrastructure, innovative cloud service capabilities, and extensive industry practices.

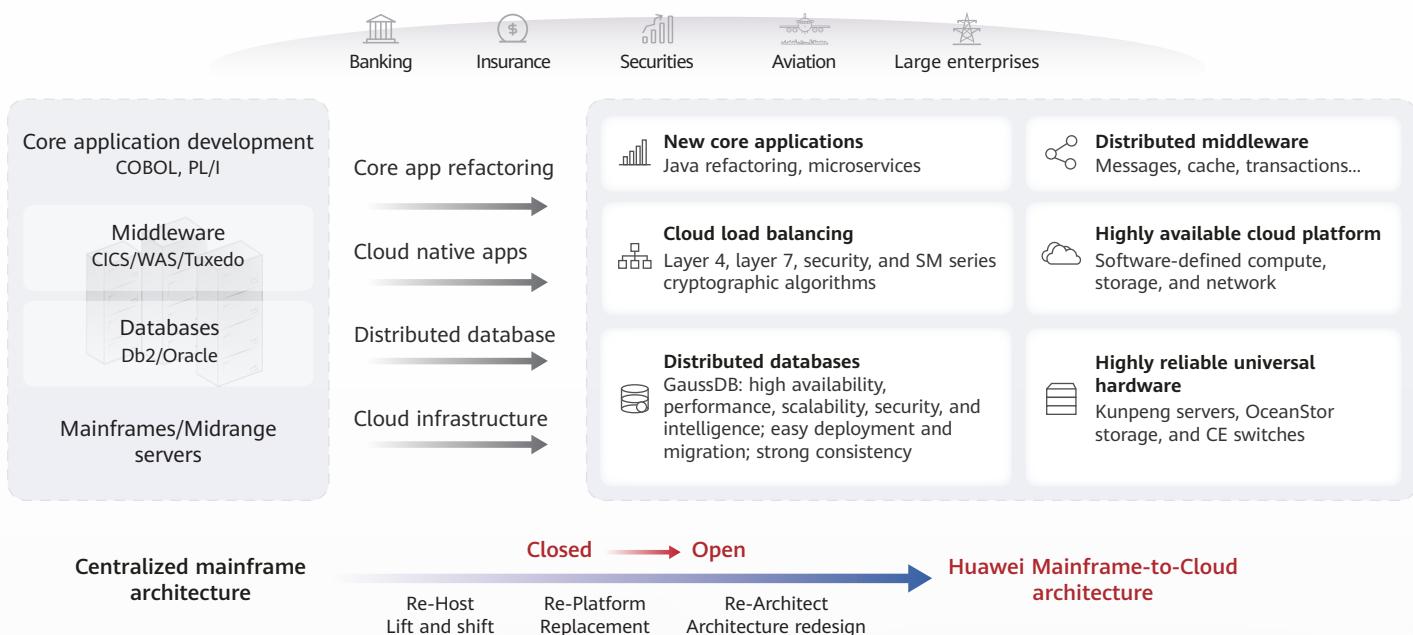


Success Story

The Uzbekistan government leveraged Huawei Cloud Stack to establish a secure, reliable national government cloud. Onboarding of legacy virtualized resources avoids repeated investment. With the intelligent O&M tools, two or three onsite engineers are just needed to maintain a cloud platform with a scale of 600 nodes. The government web portal, and open data portal of Uzbekistan run smoothly on Huawei Cloud Stack. 725 public services launched on the government web portal are being used by 4 million users throughout the country.

Core Banking Cloudification

Huawei's Mainframe-to-Cloud Solution replaces mainframes with cloud-based systems, offering three migration paths (rehost, replatform, rearchitect) and 99.999% availability. It combines software-hardware synergy for agile, maintainable core systems with customizable scenario-based solutions and standardized delivery.



Success Story

The Postal Savings Bank of China (PSBC) migrated its core system from midrange to cloud, building a next-gen distributed system for personal queries. The new scalable system cut TCO, boosted online transaction speed, accelerated batch processing/settlement, and raised peak capacity. It now handles 2B daily transactions (67K TPS at peak) for over 650M customers.

Professional Services

Huawei Cloud Stack offers end-to-end professional services, including consulting, deployment, migration, and O&M support. Covering the full cloud lifecycle, it helps customers easily build, use, and manage cloud platforms to maximize digital transformation value.



Always a Leader, Always Trustworthy



No.1 in Cloud Ops Strategy & Execution & Middle East

F R O S T
&
S U L L I V A N

Leading Position in Asia-Pacific Hybrid Cloud Market

5,500+ Global Customers

800+ Government Clouds

300+ Finance Clouds

- **Leadership** in China's hybrid cloud infrastructure market
- **No.1** market share in China's hybrid cloud market
- **No.1** in China's on-premises big data platform market
- **No.1** in China's professional cloud services market
- **No.1** in China's big data market
- **No.1** in China's container infrastructure software

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Government



Egypt NAS

National sovereign cloud, enabling Egypt's vision 2030

Finance



China Everbright Bank

Building a Full-Stack Financial Cloud for Digital Banks

Carrier



CMPak, Pakistan

Smart middle platform for carrier big data

Enterprise



Orel IT, Sri Lanka

Largest IT employer of Sri Lanka

UAE Ankabut
Education Cloud, enabling 120+ education institutions



BNC, Indonesia
Digital bank on the cloud, easily coping with the growth users



CTM, Macao(China)
serving dozens of mainstream industry customers in Macao



CT Corp, Indonesia
Cloud adoption of Indonesia's Top 5 groups for cost effectiveness

Uzbekistan
The largest national cloud in central Asia



M-Pesa, Leading Fintech
The first local E-Wallet service in Africa



Ethio Telecom
Carrier B2B cloud to promote the national digital strategy



E.Leclerc, France
Embracing Comprehensive Digital Transformation with a Superbly Reliable Cloud

GDCC, Thailand
The first large AI model for the government sector



SDEC, Malaysia
Cloud help Sarawak leap to a digital economy powerhouse



Dialog, Sri Lanka
Reduce the TTM of BOM application by 30%



SpaceNet, Germany
Drive company's growth with cloud services



Scan the code to learn more



Leap²Cloud

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