Laos AI Artificial Intelligence Server



Overview

Lao P.D.R.: artificial intelligence readiness assessment report:Despite these efforts, Laos is still in the early stages of digital public service developm.

Key Takeaways

Laos has begun establishing AI infrastructure, including data centers capable of supporting AI workloads, though its AI ecosystem is still in early development.

Current AI and Data Center Landscape

Laos is actively developing its digital and AI infrastructure, leveraging its abundant hydroelectric power and strategic location in Southeast Asia to support energy-intensive operations like AI computing. Key data centers include: GDMS National Cloud: Integrates two government-owned National Data Centers, offering colocation, dedicated servers, and cloud services suitable for AI applications. Unitel and Lao Telecom Data Centers: While specific AI server details are limited, these facilities support high-speed internet, 5G, and cloud computing services, indicating readiness for AI workloads.

AI Initiatives and Projects

The Lao government has launched several initiatives to advance AI capabilities: National AI System: In October 2025, Laos unveiled its first large-scale AI system, the Lao National Large Language Model, developed in partnership with ALO Technology Group and the China-Lao Information Communication Centre. This system is designed to support sectors like agriculture, education, public health, and tourism.

A

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I Innovation Center and Special Economic Zone: A feasibility study is underway to establish an AI Innovation Center and a dedicated AI Special Economic Zone in Vientiane, focusing on green-powered AI infrastructure.

National Health A

I Platform: Laos is collaborating with Chinese partners to implement AI in public health management, including disease analysis and digitization of medical records.

AI Ecosystem Status

While Laos has operational data centers and is developing AI infrastructure, the AI ecosystem remains nascent.

Most A

I development is driven by government initiatives and international partnerships, with limited local AI startups and research output.

Early A

I applications are focused on agriculture, education, and public services, emphasizing productivity and sustainable development.

Summary

Laos does have AI-capable servers and data centers, particularly through government and telecom-operated facilities, and is actively expanding its AI infrastructure through national projects and international collaborations. However, the country's AI ecosystem is still emerging, with most AI activity concentrated in pilot projects and public sector applications.

Article Content

Lao P.D.R.: artificial intelligence readiness assessment report:

Despite these efforts, Laos is still in the early stages of digital public service development amongst Southeast Asia for online government services and public participation in digital governance, with an

Laos / AI World

Laos is in the early stages of AI development, with efforts centered in the capital, Vientiane. The government is working on integrating AI and digital technologies in sectors like agriculture and public

Laos Moves Toward AI Future with Green-Powered Infrastructure Project

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The project supports the country''s long-term goals to advance digital transformation and build a robust AI ecosystem, aligning with global trends in clean technology and innovation.

AI Governance in the Lao PDR: Building Trust and Capacity in a ...

UNESCO''s Recommendations on AI Ethics—that also provide a solid ground for Laos to adopt in their own national and regional contexts, whilst also opening up potential for global cooperation and

Lao PDR sets course for National AI Strategy guided by UNESCO ethics

The RAM provides an evidence-based picture of Lao PDR''s readiness to govern AI across areas including policy and regulation, institutional coordination, human capacity,

China, Laos to jointly build AI innovation cooperation center

The initiative aims to advance the implementation and innovation of AI technology, support the digital preservation of ASEAN languages and cultures, enhance intelligence levels and

Lao PDR sets course for National AI Strategy guided by UNESCO

The Government of the Lao People''s Democratic Republic on January 27 announced that its National Artificial Intelligence (AI) Strategy will draw on findings from UNESCO''s AI Ethics

Guangxi and ASEAN Strengthen AI Cooperation with China-Laos

The China-Laos AI Innovation Cooperation Center, the first artificial intelligence collaboration platform between China and ASEAN, has been officially established following a signing

Lao Language to Be Integrated into New AI System for Greater Fluency

Laos is making a significant leap in digital development with the launch of its first large-scale Artificial Intelligence (AI) system. The initiative aims to improve digital processing of the Lao

AI seen to advance digital governance, industry, ethics in Laos

The ongoing work in AI integration positions Laos as a promising player in Southeast Asia''s digital economy, while ensuring that ethical considerations remain central to the country''s AI

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The Fearless Future: 2025 Global AI Jobs Barometer

We use the IMF''s methodology for identifying jobs that are Augmentable or Automatable (Gen-AI: Artificial Intelligence and the Future of Work. 2024). For more information, please see the

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AI seen to advance digital governance, industry, ethics in Laos

VIENTIANE – Artificial Intelligence (AI) is increasingly shaping various sectors in Laos, contributing significantly to the country''s digital transformation and socio-economic development. The

Digital Transformation Trends in Laos | US ABC

Laos is accelerating its national digital transformation journey to drive socio-economic development, with a strategic emphasis on expanding digital infrastructure, modernizing government

Laos to develop AI infrastructure with green energy-Xinhua

VIENTIANE, June 2 (Xinhua) -- Laos'' Ministry of Technology and Communications will conduct a feasibility study for a project aimed at developing and delivering artificial intelligence (AI)

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