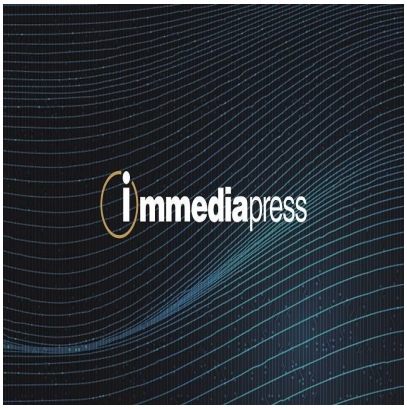

stc group unveils its vision for AI-native networks at Network X 2026

Descrizione

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RIYADH, Saudi Arabia, Oct. 19, 2026 /PRNewswire/ â?? stc group, Saudi Arabiaâ??s leading digital enabler, has released its AI Native Core Network White Paper during Network X 2026 outlining how it plans to evolve towards an AI-native telecom network by 2030. The paper explains how the group aims to embed AI directly into its networkâ??s design and operations to support emerging digital services and improve reliability.

stc group continues to advance its network capabilities to support AI-driven applications and changing connectivity needs. The group is upgrading its core network, which manages user connections and delivers communications services. By integrating AI deeply into this infrastructure, stc group aims to help the network adapt to changing service requirements and resolve issues with less manual intervention.

The white paper highlights how advances in AI and 5G-Advanced, the next stage of 5G, are increasing network complexity. Services such as AI-enabled calling and immersive communications require faster, more responsive connectivity. AI agents, software systems that carry out tasks on usersâ?? behalf, also need networks to coordinate communications and computing resources around each task.

To address these requirements, the paper sets out stcâ??s approach spanning AI-native infrastructure, network functions and autonomous operations. It details how the group plans to develop the infrastructure needed to run AI, embed intelligence within network functions and automate more operations. These capabilities would help the network allocate resources more efficiently and recover from faults faster, while allowing engineers to focus on service improvement and oversight.

The release of this whitepaper marks an important milestone in stc groupâ??s network evolution, building a scalable foundation for future AI services, AI agents, intelligent interaction scenarios, and next-generation 5G-A and 6G applications. Building on its existing investments, the group aims to improve network reliability, support the next generation of digital services and accelerate the industryâ??s transition from Cloud Native to AI Native networks.

About stc group:â?¯

stc group is a digital enabler, offering advanced solutions and driving a role in the digitalization process. The group provides a comprehensive suite of services encompassing digital infrastructure, cloud computing, cybersecurity, Internet of Things (IoT), digital payments, digital media, and digital entertainment. The group comprises 13 subsidiaries across The Kingdom of Saudi Arabia, the Middle East, North Africa, and Europe.â?¯

To know more about stc group: Click hereâ?¯â?¯

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