Schneider Electric And Capgemini Collaborate To Accelerate 5g Industrial Automation, Supported By Qualcomm

The three companies have customized an innovative end-to-end 5G Private Network solution, with the potential of transforming industrial automation systems through highly advanced virtual connectivity.

Mumbai, Maharashtra Mar 1, 2023 (Issuewire.com**)** - The opportunity to utilize 5G to propel enterprise connectivity forward is tremendous, thus we are investing in this emerging ecosystem by providing practical innovations for 5G Private Networks," said Enrico Salvatori, senior vice president, of Qualcomm Europe, Inc., and president, of Qualcomm Europe/MEA. "Our latest technologies are accelerating the numerous benefits modern 5G Private Networks offer to partners like Schneider Electric and Capgemini. By enabling a pre-integrated solution with the multi-vendor choice along with Open RAN automation and management technology to streamline deployment, management, and customizability of private networks, we're helping reduce complexities and accelerate time to market globally.

Capgemini has worked closely with Schneider Electric to design an optimized end-to-end 5G solution and identify business outcomes on Schneider Electric's industrial use case. It has also provided systems integration support based on Qualcomm Technologies' latest innovations and assisted Schneider Electric to integrate the 5G network with their use cases, to characterize and optimize the system. Schneider Electric's expertise in industrial automation combined with Qualcomm Technologies' heritage in wireless technologies, compute, and AI innovations, plus Capgemini's hands-on experience of network deployment and systems integration intersect to improve performance while eliminating complexities, resulting in faster time to market and improved KPIs for automated hoisting customers.

The 5G private network hosting solution:

Replaces wired and other wireless connections for several critical PLC control flows and time-sensitive video flows powering numerous use cases

Operates in the 3.8GHz radio frequency band, with an enterprise-grade Athonet core network and Airspan Small Cells using the Qualcomm® FSM™100 5G RAN Platform, significantly improving connectivity performance and enabling new use cases

Beyond its core industrial functions, the Private 5G automated hoisting system can now be leveraged to deliver additional digital use cases, such as augmented operators enabled by XR (eXtended Reality) and wearable devices.

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