

Connected Roads: LACROIX City Announces New Roadside Unit Products Featuring C-V2X Chipset Solution From Qualcomm

LACROIX City, a leader in smart mobility in France, today unveiled plans to evolve its current portfolio of ITS solutions to now include C-V2X direct communication technologies in its product line-up. LACROIX City's new roadside units (RSU's) will feature the Qualcomm® 9150 C-V2X chipset solution from Qualcomm Technologies, Inc., a subsidiary of Qualcomm Incorporated. The Qualcomm Technologies solution is based upon the 3rd Generation Partnership Project (3GPP) Release 14 specifications for direct communications (PC5) between vehicles, infrastructure and pedestrians over the globally harmonized 5.9GHz ITS spectrum. With a strong evolutionary path towards 5G New Radio (5G NR), C-V2X is designed to support improved automotive safety, automated driving and traffic efficiency, and is positioned to play an integral role in developing the smart roads of tomorrow.

Through its brand LACROIX Neavia, specialist in multi-sensor detection and data acquisition devices, LACROIX City's new C-V2X-enabled RSU products will be available in the first quarter of 2019. By including the Qualcomm 9150 C-V2X chipset solution in its products, LACROIX City will now bring essential scalable functionality to its customers, while strengthening its global position in the mobility industry.

An enriched Vehicle-to-Everything (V2X) product offering

LACROIX City has extensive experience in V2X solutions, specifically working with ITS-G5 technology, with both on-board units (OBUs) and roadside units (RSUs), which have previously been deployed.

Building the smart roads of the future

As part of its product expansion to include C-V2X, LACROIX City will offer its customers intelligent mobility products for field trials. As the number of field trials and deployments for autonomous and connected vehicles continues to increase, LACROIX City believes the need for connected and intelligent infrastructure equipped with adequate sensors will become more essential to help guarantee the safety required for vehicles.

“Addressing smart mobility globally is an important initiative for LACROIX City. We are excited to develop products to help support this initiative featuring the Qualcomm 9150 C-V2X chipset solution,” said Guillaume Grolleau, LACROIX Neavia general manager. “Given Qualcomm Technologies’ expertise and experience in developing vehicle communication technologies like C-V2X, as well as groundbreaking automotive solutions in wireless, positioning and compute, we are confident we would be able to develop the best products to serve the needs of LACROIX City and its customers.”

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LACROIX Group is a French SME generating €441M revenue with more than 4000 employees. The Group has industrial facilities in 6 countries and its products are sold across the five continents. LACROIX Group, a technological equipment supplier, is committed and recognized as a major player on the markets of smart city, smart environment and smart electronic industry.

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Qualcomm 9150 C-V2X chipset and Qualcomm C-V2X Reference Design are products of Qualcomm Technologies, Inc. and/or its subsidiaries.

ABOUT LACROIX

The LACROIX Group, a mid-cap family company, designs and industrializes connected and innovative equipment and technologies, to help its customers make the world smarter and more sustainable; and better manage electronic innovation as well as data traffic, road and pedestrian traffic, water and energy flows.

It leverages three industrial activities with diverse and complementary fields of expertise in order to connect historically separate business areas, create convergence and develop its capacity:

LACROIX City, the French leader in smart road equipment intended to regulate, optimize and control road and pedestrian traffic for higher efficiency and security. Concept of « Smart Mobility »;

LACROIX Sofrel, the French leader in remote management and control equipment for water and energy networks. Concept of « Smart Environment »;

and LACROIX Electronics, an electronic manufacturing services provider, which designs, industrializes and manufactures the electronic functions of its customers' products. Concept of « Smart Industries ».

The Group is headquartered in Saint Herblain and operates in France, Tunisia, Germany, Poland, Spain and Italy. It generates revenue of €430M. The Group is led by Vincent Bedouin, is 70 % family-owned and 30 % listed on compartment C of Euronext. To learn more: www.lacroix-group.com

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