Sagem's WEFA system to transmit maintenance data on A320 family jetliners is certified

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Airbus has certified the WEFA system made by Sagem (Safran), intended to remotely track the situation and maintenance status of Airbus A320 commercial jetliners. The certification from Airbus opens a potential market of several thousand aircraft for Sagem.

Sagem's WEFA system (Wireless Extension For ACMS/Aircraft Condition Monitoring System) allows airlines to remotely manage their flight data using a secure Internet connection, and therefore plan ahead for maintenance operations. Featuring a "plug and play" design, the WEFA system calls on the secure radio transmission of maintenance data collected in flight by the FDIMU (Flight Data Interface Management Unit), also supplied by Sagem.

The core of the WEFA system is a 3G radio network for data transmissions between aircraft and with airports. It offers extensive processing capacity for data from the aircraft's avionics suite, prior to transmission to the ground to speed up maintenance operations. It calls on Sagem's proven encryption expertise.

Sagem's WEFA system meets the emerging needs of the air transport industry, since it supplies data for preventive maintenance, improving flight safety and enabling airlines to lower their operating costs.

A pioneer in aircraft monitoring and maintenance systems, Sagem supplies Aircraft Condition Monitoring Systems (ACMS) on the Airbus A300, A310, A320, A380, A400M and A350 XWB.

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Sagem, a high-tech company of Safran, holds world or European leadership positions in optronics, avionics, electronics and safety-critical software for both civil and military markets. Sagem is the No. 1 company in Europe and No. 3 worldwide for inertial navigation systems (INS) used in air, land and naval applications. It is also the world leader in helicopter flight controls and the European leader in optronics and tactical UAV systems. Operating across the globe through the Safran group, Sagem and its subsidiaries employ 7,500 people in Europe, Southeast Asia and North America. Sagem is the commercial name of the company Sagem Défense Sécurité. For more information: www.sagem.com

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