



A vision becomes  
**reality**

A small COMAC C919 jetliner in flight, shown in a perspective view. The aircraft is white with a green and blue livery. The text "COMAC C919" is visible on the fuselage.

**Nexcelle's innovative engine nacelle is now flying on the world's first new-generation Integrated Propulsion System: CFM International's LEAP-1C.**

Developed for COMAC's C919 jetliner, the Nexcelle nacelle contributes to an Integrated Propulsion System with improved aerodynamics, lower weight and easier maintenance.



## A vision becomes reality

Key elements of **Nexcelle's Integrated Propulsion System nacelle** on the LEAP-1C include a low-drag front-end with a directed flow nozzle deicing system; an all-new translating O-Duct thrust reverser configuration; a fan cowl that is structurally joined with the engine; and an integrated mounting system for reduced engine distortion and enhanced on-wing performance.

Further benefitting the LEAP-1C Integrated Propulsion System is a low-drag, low-weight pylon developed by **COMAC** concurrently with the nacelle.

**The LEAP-1C nacelle** also incorporates an extensive use of lightweight and noise-attenuating composite materials, benefitting from the proven experience of **Nexcelle's** two parent companies – Aircelle (Safran) and GE Aviation's Middle River Aircraft Systems (MRAS) – in their respective nacelle and thrust reverser product lines.

## Nexcelle is creating smart nacelle systems for tomorrow's world travel.



**NEXCELLE**

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