

THE CITY OF THE FUTURE REVEALED BY BELL

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How do you imagine the City Of Future? Here is the vision of Bell Textron, revealed at CES. A vivid look into the future of the smart city ecosystem. The Bell Nexus air taxi and the Autonomous Pod Transport coexisting to move people, products and information across connected cities.

“With a focus on the passenger experience, we revealed the technology and the vehicle that will revolutionize transportation in cities at CES 2019; this year, we’re demonstrating what governing, operating, working and living in a smart city will look like,” said Mitch Snyder, Bell president and CEO.

In a world where nearly 70 percent of the population will be living in urban areas by 2050 and cities are outgrowing their current transportation systems, the need for urban mobility solutions has never been greater. Fortunately, the transportation industry has reached an inflection point, and many of the world's top minds are working toward solutions for the optimal smart city design. Bell remains at the forefront of this pursuit with a clear mission of finding solutions to the infrastructure challenges of tomorrow's transportation networks. These solutions and many smart city elements are on display in Bell's Nexus City on the CES show floor:

Mobility as a Service (MaaS) & Bell AerOS

Bell features its MaaS plans which look beyond the aircraft and demonstrate how to integrate MaaS into communities, making on-demand air mobility available to everyone--whenver they need it. Bell's service is powered by Bell AerOS, a proprietary system running on Microsoft Azure created to manage fleet information, observe aircraft health, and manage throughput of goods, products and predictive data and maintenance. This digital infrastructure is prevalent in Bell's Smart City vision at the show and serves as another step in bringing connected mobility to the masses.

"Bell continues to lead the conversation beyond the aircraft to offer multi-modal transportation solutions and experiences within an interconnected digital network that will excite consumers, earn their trust and make their lives easier," said Snyder.

Nexus 4EX:

Bell showcases the evolution of the Bell Nexus--the Bell Nexus 4EX. The aircraft features Bell's signature powered-lift concept with four tilting ducted fans that can be configured as hybrid-electric or all-electric. Bell believes this design unlocks the key for all electric technology, but the vehicle will remain propulsion agnostic depending on customer needs.

"The vision for the Bell Nexus remains the same, but by taking a mature system level approach to design for an objective market vehicle, we believe this configuration unlocks a capable, certifiable and commercially viable product," said Snyder.



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