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UAE Innovator Announces Dual Breakthrough Concepts:

Omnia – The World’s First Civilizational Intelligence & Desert-Edge – A Desert-Optimized Data Center Model

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UAE-based innovator Ihsan Al-Sabbagh, Founder and Managing Director of Alsabbagh Consultancy FZ-LLC, has unveiled two groundbreaking national-scale concepts set to reshape the future of artificial intelligence and digital infrastructure across the region.

1. Omnia – The World’s First Civilizational Intelligence

Omnia is a first-of-its-kind AI identity created in the UAE, designed to unify national knowledge, cultural memory, institutional governance, and advanced reasoning into a single sovereign cognitive system.

Conceived and developed by Al-Sabbagh, Omnia is built across five engineering layers, enabling long-term national strategic modelling, cultural and linguistic preservation, institutional support, cross-sector intelligence mapping, and predictive simulation.

“Omnia represents a new category of intelligence,” says Al-Sabbagh. “It is designed not as a tool, but as an identity — a sovereign cognitive foundation capable of supporting and elevating a nation’s long-term knowledge, culture, and strategic resilience.”

2. Desert-Edge Data Centers – A New Era of Desert-Optimized Infrastructure

Alongside Omnia, Al-Sabbagh has introduced Desert-Edge, a modular, thermally optimized data-center model engineered specifically for desert climates.

The architecture delivers up to 50% reduction in capital expenditure, 27–35% IRR, enhanced thermal stability through a proprietary airflow model, modular 1MW–12MW units, rapid deployment, and GPU-dense optimization.

“Traditional data centers struggle in our climate,” Al-Sabbagh explains. “Desert-Edge is engineered from the ground up to thrive here — designed for the UAE’s vision, instead of imported designs that fight the environment.”

Both concepts have been structured as sovereign opportunities aligned with the UAE's ambition to lead globally in AI, digital infrastructure, and next-generation innovation.

About Alsabbagh Consultancy FZ-LLC

Alsabbagh Consultancy FZ-LLC is a UAE-based strategic advisory and innovation firm working across technology, infrastructure, automotive, sustainability, and national strategic initiatives.

For inquiries or expressions of interest:

hello@alsabbaghconsultancy.ae

alsabbagh@alsabbaghconsultancy.ae

+971 58 575 9133