

## QUANTUM DYNAMICS ENTERPRISES CID™ ORBITAL DEMONSTRATION SUMMARY

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### Overview

Quantum Dynamics Enterprises (QDE) is pioneering a new era of spacecraft propulsion with the Centrifugal Impulse Drive (CID™) — the world's first independently validated mechanical, propellantless propulsion system. CID™ eliminates the need for onboard propellant, enabling sustainable, fuel-free satellite operations.

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### Technology

CID™ converts electrical power directly into propulsive force through a precisely engineered rotating magnetic field system. This purely mechanical process eliminates propellant storage, reducing satellite mass, complexity, and cost.

Validated through independent testing at the **Georgia Institute of Technology**, CID™ has demonstrated measurable directional thrust consistent with advanced 3D simulations. The system achieves **1.7 mN/W**, over **30x more efficient** than Hall-effect thrusters.

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### Mission Objective

QDE is preparing to advance CID™ from laboratory validation to orbit using a **standard commercial rideshare launch**. The orbital demonstration will verify continuous, directional mechanical thrust generation in microgravity — a foundational milestone for fuel-free satellite propulsion.

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### Funding Summary

QDE is conducting a **private equity raise of \$2 million at \$5 per share**, offered exclusively to **accredited investors** under **SEC Regulation D, Rule 506(c)**.

Proceeds will fund final integration, launch, and mission operations of the CID™ orbital demonstration.

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### Contact

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### Compliance Notice

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