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Title: Solar-powered mobile cabine data centers

Generated on: 2026-02-16 08:54:51

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Space-based data centers or orbital AI infrastructure are proposed concepts to build AI data centers in the sun-synchronous orbit or other orbits utilizing space-based solar power.

This whitepaper looks at the data center industry and its need for a reliable source of carbon-free energy -- and why one renewable solution stands out in meeting data center needs.

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