DMG Blockchain Emerges as the Digital Crypto Defense Frontier Frontrunner

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July 23, 2025 – From mining Bitcoin in rural British Columbia to engineering SCIF-rated data centers for quantum-ready defense work, DMG Blockchain Solutions Inc. (TSXV: DMGI | OTCQB: DMGGF) has quietly emerged as Canada's stealth contender at the crossroads of crypto and national security. "We've publicly stated that DMG has secured up to 10 megawatts of SCIF-rated modular data centers," CEO Sheldon Bennett told InvestorNews host Tracy Hughes in a recent interview. The facilities—engineered so that "people can't read information and pick up radio waves and do all sorts of snooping"—signal DMG's quiet leap from stalwart Bitcoin producer to supplier of secured compute power for quantum-inflected artificial-intelligence workloads.

Formed in 2016 and public since 2018, DMG was the first Canadian Bitcoin miner to list on a stock exchange. Its early bet on vertical integration—owning data centers, developing mining software and building a carbon-neutral ecosystem—now looks prescient as governments move to curb emissions and as Bitcoin's halving economics squeeze inefficient operators. "We're really focused on being able to build a Bitcoin at the lowest cost possible for a public company," Mr. Bennett said, noting that constant uptime and disciplined overhead matter more than chasing the absolute cheapest kilowatt hour.

That discipline is tested daily. On July 2, the company reported that a lightning-sparked outage and contamination woes in its liquid-cooled "hydro" rigs cut June output to 23 bitcoins, down

from 31 in May. Realized hashrate slipped to 1.56 EH/s, but DMG still held 341 bitcoins on its balance sheet and reaffirmed a goal of 3 EH/s by year-end 2025. “In June, we encountered several unforeseen issues with our Bitcoin mining infrastructure,” Mr. Bennett conceded in a news release, yet he portrayed the setbacks as catalysts for a broader migration to “pockets of low-cost renewable energy” across Canada.

That migration dovetails with DMG’s most ambitious product: Terra Pool, billed as the world’s first carbon-neutral Bitcoin mining pool. “We only allow people to apply and join that are on carbon-neutral energy,” Mr. Bennett said. The resulting coins let institutional investors “move Bitcoin in a sustainable and regulatory-compliant manner,” a pitch that dovetails neatly with the company’s wholly owned Systemic Trust Company. “Instead of buying bitcoins from Robinhood or Coinbase where you’ll have carbon in all of your transactions,” he explained, “you can actually go to our trust and have the bitcoins moved by us.”

Investors weighing a straight bitcoin ETF against DMG stock may find the miner’s economics compelling. **“In general, it costs around $50,000 in power to generate a Bitcoin,”** Mr. Bennett said, pointing to six-figure spot prices and DMG’s lean cost structure. ETFs must constantly “buy and sell to rebalance,” racking up fees, whereas a miner can expand margins by upgrading hardware or tapping cheaper power. DMG’s next wave of upgrades—retiring air-cooled rigs in favor of liquid-cooled hydro units—should, he argued, deliver both higher efficiency and longer equipment life.

All this unfolds as Washington rewrites the rulebook for digital assets. “With Donald Trump coming in, with the change in policy around digital assets, with significant U.S. banks getting more involved, I think that day [of mass adoption] is coming,” Mr. Bennett said. His own litmus test remains “the day my mom

and dad will have their checking, savings or mortgage in their Bitcoin account at their local bank."

Quantum computing lurks in the background, the ultimate stress test for Bitcoin's cryptographic defenses and a potential bonanza for operators of secure data centers. Mr. Bennett declined to divulge specifics—"I don't have anything I can say yet, but we're definitely working full time on our AI strategy"—yet the SCIF-rated modules hint at government-grade ambitions. Meanwhile, DMG's pilot hydro system, software upgrades to its Blocksseer explorer and Helm data-center management suite, and the onboarding of new Systemic Trust custody clients all promise to populate the company's next quarter with milestones.

DMG, a vertically integrated blockchain and data-center technology company that "manages, operates and develops end-to-end digital solutions to monetize the digital asset and artificial-intelligence compute ecosystems," is betting that carbon-neutral coins, low-cost renewable power and secure compute capacity will prove as bankable as the bitcoins it mints. And for a public eager to navigate the volatile intersection of crypto, climate and national security, Mr. Bennett's pitch is disarmingly simple: "We're a great share—100% Bitcoin-centric, with traditional revenue and transaction-driven revenue."

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About DMG Blockchain Solutions Inc.

DMG is a publicly traded and vertically integrated blockchain

and data center technology company that manages, operates and develops end-to-end digital solutions to monetize the digital asset and artificial intelligence compute ecosystems. Systemic Trust Company, a wholly owned subsidiary of DMG, is an integral component of DMG's carbon-neutral Bitcoin ecosystem, which enables financial institutions to move Bitcoin in a sustainable and regulatory-compliant manner.

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