



MineHub and Abaxx Announce Joint Initiative to Explore Expansion of Abaxx Private Digital Title to In-transit Shipments

- Abaxx and MineHub solidify their partnership to modernize collateralization and increase capital efficiency across commodity markets.
- New joint initiative applies Abaxx's proprietary ID++ and Private Digital Title technologies to MineHub's proven logistics tracking capabilities and expansive network, exploring the potential use of in-transit, non-ferrous metals as collateral.
- **The Company also announces that it will host a special webinar, in tandem with Abaxx CEO Josh Crumb, on Thursday, September 11, 2025. For more information, see "Investor Webinar" below.**

Vancouver, B.C., September 8, 2025. **MineHub Technologies Inc.** (TSXV: **MHUB**, OTCQB: **MHUBF**) ("**MineHub**" or the "**Company**"), a leading provider of digital supply chain solutions for the commodity markets, and **Abaxx Technologies Inc.** (CBOE:**ABXX**) (OTCQX:**ABXXF**) ("**Abaxx**"), a financial software and market infrastructure company, majority shareholder of Abaxx Singapore Pte Ltd., the owner of Abaxx Commodity Exchange and Clearinghouse (individually, "**Abaxx Exchange**" and "**Abaxx Clearing**"), and producer of the SmarterMarkets™ Podcast, today announced a joint initiative to extend¹ the use of Abaxx's Private Digital Title to in-transit shipments of non-ferrous metals, including copper and aluminum, through a collaboration with MineHub's post-trade platform and logistics tracking capabilities.

This initiative will combine MineHub's digital supply chain platform and real-time logistics tracking with Abaxx's Private Digital Title to enable real-time title transfers for in-transit shipments of non-ferrous metals. Abaxx's Private Digital Title is a secure electronic instrument that embeds verifiable identity, preserves privacy, and ensures claims are legally enforceable in a jurisdiction — replacing slow, paper-based processes that often lead to delays, disputes, and increased counterparty risk. In doing so, the collaboration explores how in-transit cargo can be mobilized as collateral, advancing the broader effort to increase capital efficiency across commodity markets.

Andrea Aranguren, CEO of MineHub, added: "We are excited about the launch of this initiative, which marks a significant step forward in the powerful partnership between Abaxx and MineHub. By combining Abaxx's innovative digital title solutions with MineHub's unique expertise in digitizing commodity supply chains, we are poised to revolutionize how non-ferrous metals are traded and financed, driving greater efficiency, transparency, and trust across the industry."

Josh Crumb commented: "Expanding Private Digital Title to in-transit metals is a natural next step in our mission to modernize collateral. By working with MineHub, we're exploring how the integrity of physical shipments can be matched with a secure, legally enforceable digital title — opening new pathways to liquidity and greater capital efficiency."

About MineHub-Abaxx Digital Title Initiative

- **Abaxx's Private Digital Title:** A cryptographically secured electronic instrument that embeds verifiable identity and aligns with global legal standards, laying the groundwork for physical assets

to support flexible credit facilities and transforming inventory from untapped collateral into a real-time financial resource.

- **Abaxx's Gold and MMF Pilots:** The first two commercial use cases of Abaxx's Private Digital Title have been announced in gold and money market funds. The gold pilot will demonstrate how a cryptographically secured document of title for physical gold held at [Abaxx Spot](#) can be used to finance cash margin requirements for a gold futures position. The money market fund pilot will test how MMF shares can be mobilized as real-time collateral within the Abaxx USD Trust Network, addressing confidentiality and cross-jurisdictional legal finality.
- **MineHub's Platform:** The Platform is the only post-trade execution platform purpose-built for the metals market. MineHub's GPS and AIS satellite-powered tracking capabilities leverage direct data from shipping lines, trucking brokers, rail lines and logistics partners for real-time cargo verification-critical for collateralizing in transit metals.
- **Next Phase:** Building on Abaxx's gold-backed and MMF pilots, this initiative extends the asset collateralization model to base metals in partnership with MineHub. The companies aim to leverage MineHub's role as a trusted authority at key inventory locations like the Port of Panama City, where MineHub's platform is relied upon as the single source of truth for digital truck bills of lading.
- **Abaxx Auth Tooling:** The partnership will test integrating Abaxx's identity and console applications—including Verifier+ and Messenger, powered by Abaxx's proprietary ID++ protocol—into MineHub's logistics workflows. Early-stage testing will assess how they could enhance the secure collateralization of base metals, with further scope dependent on technical reviews.

Investor Webinar: MineHub and Abaxx on Expanding Private Digital Title

Join MineHub Chairman Vince Sorace as he moderates a discussion with Andrea Aranguren, CEO of MineHub, and Josh Crumb, CEO of Abaxx Technologies, to explore the expansion of Abaxx's Private Digital Title to in-transit shipments through a collaboration with MineHub's post-trade platform and logistics tracking capabilities.

The live session, scheduled for Thursday, September 11, 2025 at 10:30 a.m. PST; 1:30 p.m. EST, explores how in-transit cargo could be mobilized as collateral, advancing a broader effort to increase capital efficiency across commodity markets. Registration will be required to access the meeting.

INVESTOR WEBINAR DETAILS

DATE: Thursday, September 11, 2025

TIME: 10:30 a.m. PST; 1:30 p.m. EST

LOCATION: Zoom Meeting

To receive the meeting link and passcode, [please register here](#).

'Please refer to Abaxx's press releases dated [July 29th, 2025](#) and [June 26th, 2025](#) for previously announced commercial uses for Abaxx Private Digital Title technology.

About Abaxx Technologies

Abaxx Technologies is building Smarter Markets: markets empowered by better tools, better benchmarks, and better technology to drive market-based solutions to the biggest challenges we face as a society, including the energy transition. In addition to developing and deploying financial technologies that make communication, trade, and transactions easier and more secure, Abaxx is the majority shareholder of Abaxx Singapore Pte. Ltd., the owner of Abaxx Exchange and Abaxx Clearing, and the parent company of wholly owned subsidiary Abaxx Spot Pte. Ltd., the operator of Abaxx Spot.

Abaxx Exchange delivers the market infrastructure critical to the shift toward an electrified, low-carbon economy through centrally-cleared, physically-deliverable futures contracts in LNG, carbon, battery materials, and precious metals, meeting the commercial needs of today's commodity markets and establishing the next generation of global benchmarks.

Abaxx Spot modernizes physical gold trading through a physically-backed gold pool in Singapore. As the first instance of a co-located spot and futures market for gold, Abaxx Spot enables secure electronic transactions, efficient OTC transfers, and is designed to support physical delivery for Abaxx Exchange's physically-deliverable gold futures contract, providing integrated infrastructure to deliver smarter gold markets.

Adaptive Infrastructure closes critical gaps in post-trade infrastructure by providing a unified custodial foundation across environmental markets and digital title assets. Incorporated in Barbados and regulated by the Financial Services Commission of Barbados, the company delivers institutional-grade custody, settlement, and transfer agency services designed to reduce risk and improve reliability across asset classes.

For further information about this press release as it relates to Abaxx Technologies, please contact: Steve Fray, CFO at Tel: (647) 490-1590.

For media and investor inquiries regarding Abaxx Technologies, please email ir@abaxx.tech or call at Tel: (246) 271-0082.

About MineHub

MineHub is the digital supply chain platform for the commodity markets, making raw material supply chains more efficient, resilient and sustainable. MineHub provides enterprise-grade digital solutions that connect buyers, sellers, laboratories and financiers within physical commodities supply chains in a digitally integrated workflow powered by data that is useable, shareable, verifiable and unforgeable. Users of MineHub solutions are in full control of their supply chains, enabling them to optimize their use of resources, respond better and faster to disruptions, and provide a better customer service. Global enterprises already use MineHub solutions as part of their logistics, compliance, trade management and financing operations.

Andrea Aranguren
CEO, MineHub Technologies Inc.

For further information regarding MineHub, please email info@minehub.com or visit our website at www.minehub.com. Tel: (778) 373-3747.

Cautionary Note Regarding Forward-Looking Statements

Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

This news release contains statements that are considered “forward-looking information” within the meaning of applicable Canadian securities legislation (“forward-looking statements”) with respect to MineHub including, but not limited to, statements with respect to MineHub’s future operational plans, the timing of such plans and anticipated customers. Forward-looking statements are statements that are not historical facts are generally, but not always, identified by the words “expects”, “plans”, “anticipates”, “believes”, “intends”, “estimates”, and similar expressions, or that events or conditions “will”, “would”, “may”, “could” or “should” occur. Although MineHub believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, such statements are not guarantees of future performance, are subject to risks and uncertainties, and actual results or realities may differ materially from those in the forward-looking statements. Such material risks and uncertainties include, but are not limited to, the Company’s ability to raise sufficient capital to fund its operations, applications and for general working capital purposes, expectations regarding MineHub’s partnerships, benefits and market impacts of the pilot transactions, development of new markets and products, the effects of product development and need for continued technology change, changes in economic conditions or financial markets, changes in laws or regulations that could have an impact on the Company’s operations, dependence on its key management personnel and market competition. Other risk factors are identified in the Company’s management discussion and analysis, available on the Company’s SEDAR+ profile at www.sedarplus.ca. There may be other risk factors not presently known that management believes are not material that could also cause actual results or future events to differ materially from those expressed in such forward-looking statements. Although the Company has attempted to identify risk factors that could cause actual actions, events or results to differ materially from those disclosed in the forward-looking statements, there may be other factors that cause actions, events or results not to be as anticipated, estimated or intended. Also, many of the factors are beyond the control of the Company. Accordingly, readers should not place undue reliance on forward-looking statements or information. The forward-looking information is made as of the date included herein, and the Company assumes no obligation to publicly update or revise such forward-looking information. Forward-looking statements are based on the reasonable beliefs, estimates and opinions of MineHub’s management on the date the statements are made. However, except as required by law, the Company undertakes no obligation to update these forward-looking statements in the event that management’s beliefs, estimates or opinions, or other factors should change.