

The aXedras™ Ecosystem – Supporting Industry Participants Across the Value-Chain

We may look back on 2025 as a golden year for the yellow metal with gold reaching \$3,500/oz in the first quarter, paired with transformative industry milestones towards greater integrity, efficiency, and collaboration. Notably, we've seen a growing momentum to digitalise in the Asia Pacific region, as organisations prepare for future challenges.

aXedras continues to realize its vision of connecting and digitalizing the precious metals industry by leveraging deep industry expertise and advanced technological capabilities and has been doing so since 2018.

With 30+ aXedras™ Ecosystem members, the Swiss software provider brings together precious metals organisations from both upstream and downstream (i.e. producers, logistics, refiners, vaults, banks, industry associations etc) – towards greater connectivity and collaboration across the supply chain via its Bullion Integrity Ledger™ and bespoke project offering.

The Gold Bar Integrity (GBI) Programme, an industry-wide initiative led by LBMA and World Gold Council to digitally track and verify the origin and chain of custody of gold (and partially silver) products, ensuring transparency, authenticity, and responsible sourcing across the global supply chains of precious metals. aXedras has played a pivotal role in this programme as a technology partner, powering the WGC GBI platform in 2024 and the LBMA GBI Database, this year.

The GBI Programme plans to encourage all industry participants to adopt the technology to ensure that eventually all gold bars are tracked across the value chain, enabling greater trust among investors.

Transform your ideas into digital solutions

To go beyond connectivity, aXedras works with leading industry players to develop their in-house digital solutions to deliver value to their customers and their business, by offering the possibilities of being their project partner throughout the product life cycle – from ideation to development. To power digitalisation, aXedras' lead engineering team is supported by a robust network of technology experts across Europe, and soon to be further afield to ensure a technology agnostic approach. By doing so, aXedras can ensure optimal support for client project briefs by utilising the appropriate technology and assigning the corresponding project team.

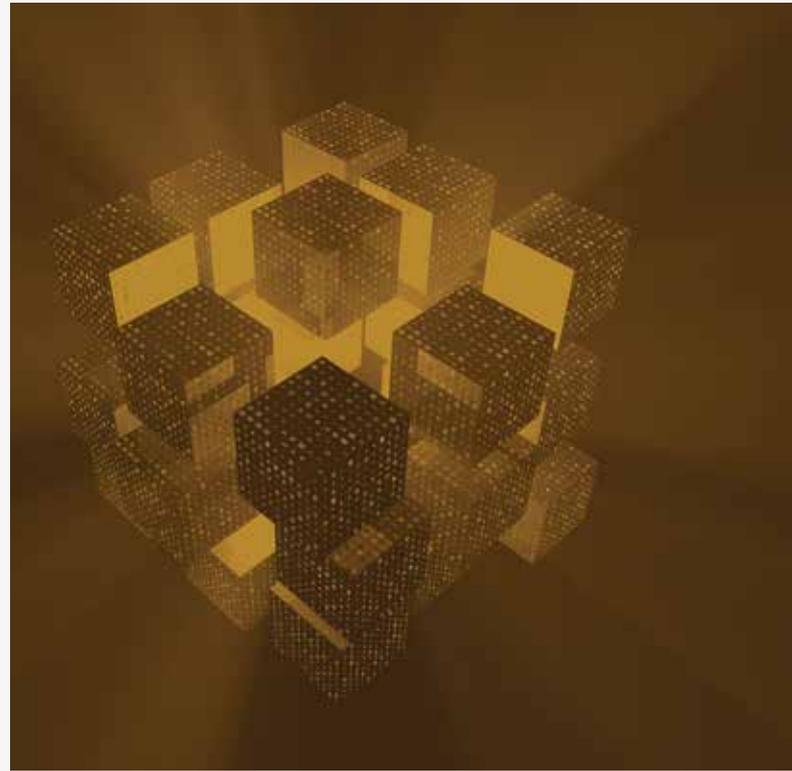
Success story – LBMA digitalises to enhance greater trust and transparency

Earlier this year, London Bullion Association (LBMA) launched the Gold Bar Integrity (GBI) Database, powered by aXedras in an effort to modernise data collection and its management processes across the precious metals value chain.

Today, almost 90 Good Delivery Refiners have been onboarded onto the platform, centralising and safeguarding key data points, such as Responsible Sourcing deliverables and Country of Origin information whilst enabling refiners and custodians to seamlessly share this data with LBMA.

Bullion integrity ledger™ – promoting innovation

The Bullion Integrity Ledger™ is a network that leverages distributed ledger technology (DLT), to connect participants across the value chain to verify the integrity of precious metals. It enables secure, peer-to-peer sharing and recording of data and documents between business partners. This industry platform uses unified and industry-agreed standards, resulting in an immutable and auditable record of every transaction and product movement along the supply chain. To note, each organisation is in control of its data and can selectively share data with their business partners.



To further foster innovation and scalability within the industry, aXedras released Bullion Integrity Ledger Version 10, in June. Based on open architecture, partners can easily build their own stand-alone applications on the Bullion Integrity Ledger™ tailored to their specific requirements, customize features, and connect with other programs, thanks to its use of standard, public interfaces and modular design.

In practical terms, investors gain further assurance as they not only receive material from their trusted refining partner, but also a digital certificate indicating the provenance of material or the existence of a security feature. Organisations will be able to rapidly plug and play the Bullion Integrity Ledger™ with their own internal systems, it will optimise scalability with components provided by various partners and allow for better connection among the many already onboarded industry participants, as well as among tools.

To conclude, and as aXedras Chairman, Frank R. Suess mentioned in a recent note, “aXedras continues to build trust across the precious metals industry, it is important to recognise that digitalisation is more than just driving efficiencies. It is about enabling innovation, creating new products, opportunities, and making the industry not only more transparent but also more appealing to international investors”.

For a demo, contact aXedras: info@axedras.com or to subscribe to the newsletter, visit, www.axedras.com.

