DATA PROTECTION AT SOFTMETAL

Based on the modern achievements in auction theory and powered by secured computing technology.

Your trade data stays protected at all times — not just in storage and transit, but while it is actively being processed. Matching mechanism inspired by the Nobel Prize-winning auction theory.

WHAT IS SECURED COMPUTING TECHNOLOGY?

A new standard in data protection

Secured computing technology relies on advanced, purpose-built software designed to keep data protected throughout its use on the platform. Unlike standard encryption, which protects data only at rest and in transit, this software keeps data protected while it is actively being processed — so even SoftMetal's own servers cannot read bids, offers, or identities.

AS FEATURED IN

Forbes — The Future of Computing is Confidential

Read article ↗

Settlement: Each transaction requires prompt settlement from the buyer in FIAT. Once future regulations allow, settlement could be conducted in CBDC (central bank digital currency).

STEP BY STEP

How it works on SoftMetal

From the moment you place an order to the moment a match is revealed, your data never exists in an unprotected state on SoftMetal's infrastructure.

You place an order

Your bid or offer is encrypted on your device before it leaves your browser. SoftMetal never receives it unencrypted.

→

Secured processing

Your order is handled by SoftMetal's advanced, secured processing software. No one, not even our engineers, can see the data.

→

Match confirmed

When a mathematical match is found, only the result is revealed — exclusively to the two matched parties.

HOW WE PROTECT YOUR DATA

Built to meet institutional standards

SoftMetal's infrastructure is designed to meet the security and compliance requirements of institutional commodity markets — not adapted from them after the fact.

Advanced data protection

Trade data is processed using SoftMetal's advanced, purpose-built software, which keeps information protected throughout processing — not added as an afterthought.

Tamper-proof settlement records

Every matched trade produces a cryptographically signed record. Settlement history cannot be altered retroactively, giving compliance, dispute resolution, and reporting a reliable audit trail.

Institutional-grade access controls

The platform operates within a defined legal framework. Participant access, trading permissions, and jurisdiction eligibility are governed by binding agreements before any order is placed.

Milgrom–Wilson Theory of Auctions (Nobel Prize in Economics, 2020) underpins SoftMetal's matching engine, handling multi-parameter matching across chromium content, carbon levels, CO_2 footprint, and geography to produce fairer prices than a simple order book.

SoftMetal AG · Bundesstrasse 5, 6300 Zug, Switzerland

+41 41 552 22 79 · info@softmetal.ch