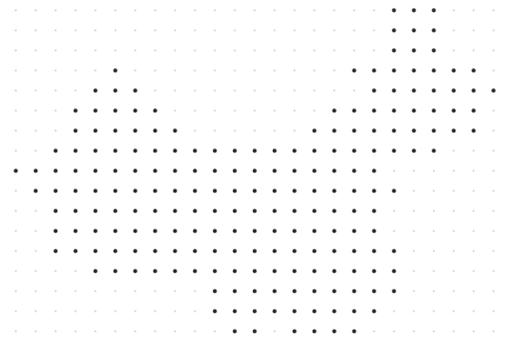


Chinese Dual-Use Technology Exports to Russia



How Datenna reveals the critical defense connections behind Zolix Instruments Co., Ltd.

Since Russia's full-scale invasion of Ukraine, China has emerged as a key supplier of dual-use goods, technologies with both civilian and military applications, sustaining Russia's war effort. Leveraging the Common High Priority List, Datenna analysts cross-referenced platform and shipment data, uncovering dozens of Chinese companies with ties to the defense industry that have exported dual-use items to Russia since February 2022.

This document highlights one such company: Zolix Instruments Co., Ltd. It serves as a concrete example of the strategic visibility offered by the Datenna platform.

Zolix Instruments Co., Ltd.

北京卓立汉光仪器有限公司

Russia is Zolix's top export market

Zolix Instruments is specialized in optoelectronics, producing spectrometers, optical adjustment stages, and spectral analysis systems.

Why it matters?

Since Zolix primarily exports its goods to Russia, the dual-use nature of its products serves as a critical red flag, identifying the company as a potential supplier to the Russian military in the context of the war in Ukraine.



Target acquisition and guidance systems



Surveillance and reconnaissance



Material analysis

What we found

Using the Datenna platform, we investigated Zolix Instruments Co., Ltd. after identifying it as a significant Chinese exporter of dual-use goods to Russia. The platform revealed the following findings:

01 Confirmed links to China's military

Zolix has supplied defense-related technologies through at least 19 successful procurement contracts.

02 Embeddedness in a defense-connected network

One of its subsidiaries is a joint venture with Holly Technology, which is owned by Poly Technologies, a major defense conglomerate sanctioned by Ukraine and the UK.

03 Centralized control

The legal representative of the joint venture is Zolix's chairman, who also serves on the board of its parent company, illustrating tight leadership control across the military-linked structure.

Uncovering Zolix's ties with the defense industry

Procurements

Zolix's role in China's defense ecosystem is well-documented through Datenna's procurement intelligence:

28 bids submitted to Chinese defense tenders → 19 of those won

Supplied technologies include:

- ✓ Monochromatic output integrated module project in black body
- ✓ Near infrared CCD camera
- ✓ Synchronous clock frequency module
- ✓ Other optronics technologies

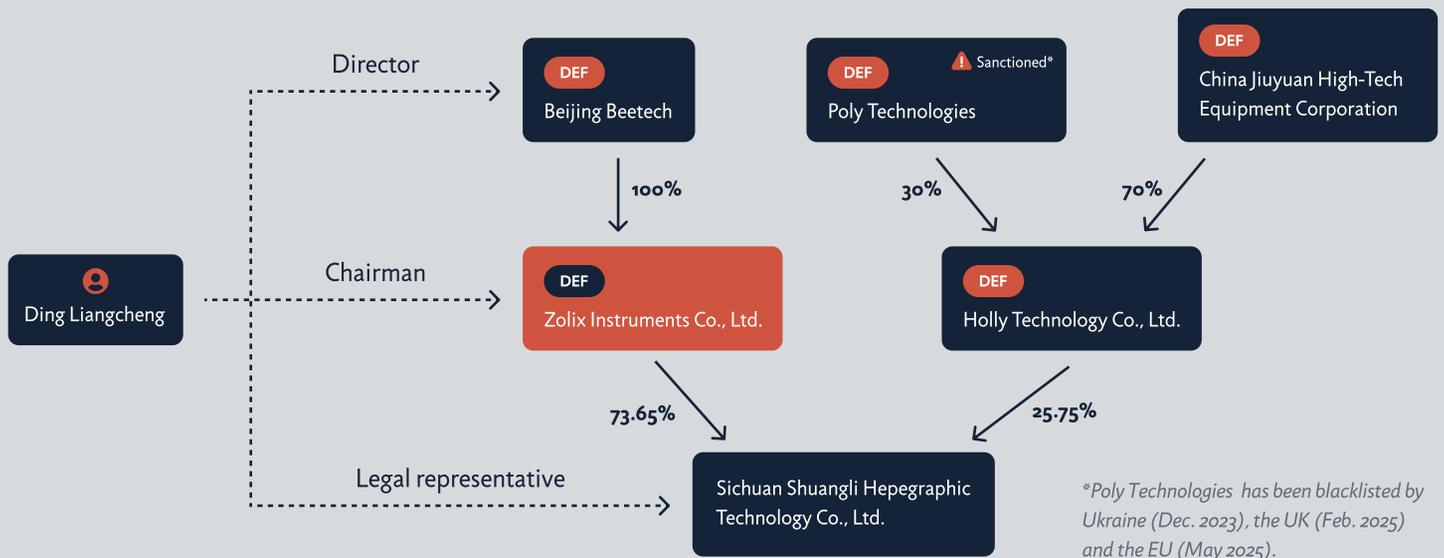
Mainly supplying

- ✈ China Aerospace Science and Technology Corporation
- 🎓 Academy of Military Sciences
- 🛡 People's Liberation Army Strategic Support Force

Even participation in bids, win or lose, indicates intent and eligibility to work with the military sector. Supplied technologies could potentially have dual-use or military use application.

Ownership and investments structure

Datenna's corporate structure mapping reveals Zolix is part of a larger defense-linked network:



By leveraging granular data on Zolix available through Datenna's platform, we have uncovered that Zolix is far more than a typical technology company. It is deeply embedded within China's defense industry. Given its production of dual-use goods and its primary export market of Russia, it is reasonable to infer that Zolix's products could directly support Russia's military efforts on the Ukrainian battlefield.

Zolix is just one of many cases uncovered by the Datenna platform.

Contact us to learn how Datenna can help.

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