

U.S. DEPARTMENT OF THE TREASURY

Treasury Takes Aim at Third-Country Sanctions Evaders and Russian Producers Supporting Russia's Military Industrial Base

October 30, 2024

Sanctions target individuals and entities in 17 jurisdictions; Deputy Secretary calls on countries to take similar action against enablers of Russia's military-industrial base

WASHINGTON — Today, the U.S. Department of the Treasury sanctioned 275 individuals and entities involved in supplying Russia with advanced technology and equipment that it desperately needs to support its war machine. Today's action targets both individual actors and sprawling sanctions evasion networks across 17 jurisdictions, including India, the People's Republic of China (PRC), Switzerland, Thailand, and Türkiye. In addition to disrupting global evasion networks, this action also targets domestic Russian importers and producers of key inputs and other materiel for Russia's military-industrial base.

"The United States and our allies will continue to take decisive action across the globe to stop the flow of critical tools and technologies that Russia needs to wage its illegal and immoral war against Ukraine," said Deputy Secretary of the Treasury Wally Adeyemo. "As evidenced by today's action, we are unyielding in our resolve to diminish and degrade Russia's ability to equip its war machine and stop those seeking to aid their efforts through circumvention or evasion of our sanctions and export controls."

The Department of State is also targeting sanctions evasion and circumvention in multiple third countries, including several PRC-based companies exporting dual-use goods that fill critical gaps in Russia's military-industrial base and entities and individuals in Belarus related to the Lukashenka regime's support for Russia's defense industry. State is also targeting several senior Russian Ministry of Defense officials and defense companies and those supporting Russia's future energy production and exports.

SANCTIONS EVASION, CIRCUMVENTION, AND BACKFILL

Thanks to the unprecedented international sanctions regime implemented by the United States and its global partners, Russia is ever more reliant on complex and expensive transnational

schemes to procure critical technological and manufacturing components and machinery it needs to create its own weapons production capability. This includes sensitive dual-use goods such as those cited in the Department of Commerce’s Bureau of Industry and Security’s multilateral [Common High Priority List](#) (CHPL), developed by the United States, European Union, Japan, and the United Kingdom. Today’s action by Treasury disrupts a number of those schemes by designating more than 120 individuals and entities, including those involved in illicit procurement networks and the financial facilitators that support them. Financial facilitators such as trust and corporate formation service providers—several of which were sanctioned today—are key nodes in sanctions evasion ecosystems, and actions against them can act as force multipliers by rippling disruptive effects through multiple sanctions evasion networks simultaneously.

Many of today’s designations were enabled or informed with support from Treasury’s Financial Crimes Enforcement Network (FinCEN).

For more information on these targets, [please see Annex 1](#).

RUSSIA’S MILITARY-INDUSTRIAL BASE

Treasury is also targeting more than 150 Russia-based defense and related materiel, technology, manufacturing, and aerospace companies that procure or produce finished military products or key components, precursors, and machinery that enable Russia to build or maintain the weaponry it uses against Ukraine.

For more information on these targets, [please see Annex 2](#).

ANNEX 1: SANCTIONS EVASION, CIRCUMVENTION, AND BACKFILL

Russian Defense Procurement Networks Operating in Türkiye

OFAC is targeting 14 entities and nine individuals, based primarily in Türkiye, that have facilitated the procurement of advanced weapons, components, and ammunition on behalf of Russian end-users critical to bolstering Russia’s military campaign, including the Russian Ministry of Defense and state-owned defense companies. This action, intended to disrupt Russian procurement efforts, comes after extensive consultation with the Government of

Türkiye. The United States is committed to taking all necessary measures to protect the U.S., Turkish, and international financial systems.

Mirex Network

Türkiye-based **Mirex Havacilik ve Savunma Sanayi Ticaret Anonim Sergeti** (Mirex) and its chairman, Turkish national **Ozgur Hasan Celik** (Celik), have been involved in contracts with Russian government-affiliated defense companies to deliver and facilitate electronic warfare system demonstrations in Russia. Mirex has led efforts to locally assemble and manufacture equipment for Russian defense companies in Türkiye. Celik is the manager and co-owner of Bulgaria-based **GNO Investment LTD OOD** (GNO Investment), which he uses to facilitate Mirex's defense production and procurement activities. Celik is also the manager and co-owner of Bulgaria-based **Mirex BG LTD OOD** (Mirex BG).

Celik has also worked with U.S.-designated Russian defense conglomerate [State Corporation Rostec \(Rostec\)](#)'s representative in Türkiye, **Aleksey Viktorovich Gureyev** (Gureyev), on efforts to manufacture Russian defense equipment in Türkiye using Mirex. Russian national **Mikhail Alekseyevich Klementyev** (Klementyev) works alongside Gureyev as the Rostec Deputy representative in Türkiye.

Mirex is being designated pursuant to Executive Order (E.O.) 14024 for operating or having operated in the defense and related material sector of the Russian Federation economy. Celik is being designated pursuant to E.O. 14024 for having acted or purported to act for or on behalf of, directly or indirectly, Mirex. GNO and Mirex BG are being designated pursuant to E.O. 14024 for being owned or controlled by, or having acted or purported to act for or on behalf of, directly or indirectly, Celik. Gureyev and Klementev are being designated pursuant to E.O. 14024 for having acted or purported to act for or on behalf of, directly or indirectly, Rostec.

GRU-linked Turkish Company

Türkiye-based **New Way Group Global Danismanlik Ticaret Limited Sirketi** (New Way) has been used by Russia's U.S.-designated [Main Intelligence Directorate \(GRU\)](#) to facilitate shipments of U.S.-origin microelectronics and production and testing equipment to Russia.

[New Way is being designated pursuant to E.O. 14024 for operating or having operated in the defense and related materiel sector of the Russian Federation economy.](#)

Sanlitun Network

Russian national **Alexander Vladimirovich Kalinin** (Kalinin), Turkish national **Ahmet Furgan Albayrak** (Albayrak), and U.S.-designated individual [Anselm Oskar Schmucki](#) ([Schmucki](#)) used their Türkiye-based company **Sanlitun Yatirim Dis Ticaret Limited** (Sanlitun) to acquire Western electronic components for Russian customers, including for Russian state defense orders. Albayrak, a director of Sanlitun, worked with Kalinin to submit equipment orders through Sanlitun for Russia, falsifying the end use of the equipment on at least one occasion.

Sanlitun is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy. Kalinin and Albayrak are being designated pursuant to E.O. 14024 for having acted or purported to act for or on behalf of, directly or indirectly, Sanlitun.

Greek national **Petros Nikolaos Contoguris** (Contoguris) worked with Kalinin at Sanlitun to arrange for the export of hazardous material using U.S.-designated Russian metals company [Aktsionernoe Obshchestvo Evraz Vanadi Tula](#) ([Tula](#)). Contoguris designed a convoluted and obfuscated way to import the substance to evade international sanctions. Contoguris also worked with Kalinin to provide refurbished gas turbines to Russia through Sanlitun, and Contoguris and Kalinin have supported multiple Russian customers.

Contoguris is being designated pursuant to E.O. 14024 for having materially assisted, sponsored, or provided financial, material, or technological support for, or goods or services to or in support of, Kalinin.

Nitrocellulose Shipments

Russia-based freight logistics company **LLC AM Logistics** (AM Logistics) has taken delivery of multiple shipments of nitrocellulose, a chemical compound that is a key ingredient in modern gunpowder, explosives, and artillery shells, in Russia. Türkiye-based **SLD Lojistik Ic ve Dis Ticaret Limited Sirketi** (SLD Lojistik) has conducted several large shipments of nitrocellulose to Russian companies, including AM Logistics. Russian national **Daria Aleksandrovna Shachenok** (Shachenok) is the director and owner of AM Logistics and the 50-percent owner of SLD Lojistik.

AM Logistics is being designated pursuant to E.O. 14024 for operating or having operated in the transportation sector of the Russian Federation economy. SLD Lojistik is being designated

pursuant to E.O. 14024 for having materially assisted, sponsored, or provided financial, material, or technological support for, or goods or services to or in support of, AM Logistics. Shachenok is being designated pursuant to E.O. 14024 for being or having been a leader, official, senior executive officer, or member of the board of directors of, AM Logistics.

Tool Company Gut

Russia-based **Tool Company Gut Limited Liability Company** (Tool Company Gut) has imported computer numerically controlled (CNC) machine tools and components, high priority items crucial to Russia's war efforts, from Türkiye-based entities. Tool Company Gut has historically supplied tools and parts to entities in the Russian defense sector and has continued to contract and interact with Russian defense sector entities. Russia-based **Limited Liability Company Mobula** (Mobula), which is co-located with Tool Company Gut, has imported interchangeable tools for hand- or machine-tools from Türkiye-based entities. Türkiye-based **Modulsan Makina Kesici Takim ve Disli Sanayi Ticaret Limited Sirketi** (Modulsan) has exported manufacturing articles for making metal-cutting tools to Russia, including to Tool Company Gut.

Tool Company Gut, Mobula, and Modulsan are being designated pursuant to E.O. 14024 for operating or having operated in the manufacturing sector of the Russian Federation economy.

Türkiye-based **AYTT CNC Takim Tezgahlari Makine Sanayi ve Ticaret Limited Sirketi** (AYTT CNC), managed by Turkish national **Gurhan Aydin**, has wittingly exported tool products and CNC machine tools and components to Russia, including to Tool Company Gut and U.S.-designated [Limited Liability Company I Machine Technology \(I Machine\)](#). Turkish national **Recep Cetin Aydin** co-owns AYTT CNC and the U.S.-designated Türkiye-based entities [SSGCTM CNC Tezgahlari Makine Sanayi ve Ticaret Limited Sirketi \(SSGCTM CNC\)](#) and [Minyon Kesici Takimlar Makine Sanayi ve Ticaret Limited Sirketi \(Minyon Kesici\)](#), which have exported items, including lathes, to entities in Russia's manufacturing sector.

AYTT CNC is being designated pursuant to E.O. 14024 for operating or having operated in the manufacturing sector of the Russian Federation economy. Gurhan Aydin is being designated pursuant to E.O. 14024 for being or having been a leader, official, senior executive officer, or member of the board of directors, of AYTT CNC. Recep Cetin Aydin is being designated pursuant to E.O. 14024 for operating or having operated in the manufacturing sector of the Russian Federation economy.

Electronic Integrated Circuits

[Türkiye-based](#) company **BRK Uluslararası Nakliyat ve Ticaret Limited Sirketi** (BRK Uluslararası) is a logistics services company that has exported items on the CHPL to Russia, including electronic integrated circuits, which are critical to the production of advanced Russian precision-guided weapons systems. Türkiye-based companies **BP Dis Ticaret ve Danismanlik Limited Sirketi** (BP Dis Ticaret) and **Sinerji Endustriyel Ekipman ve Insaat Malzemeleri Dis Ticaret Limited Sirketi** (Sinerji Endustriyel Ekipman) have also exported electronic integrated circuits to Russia.

BRK Uluslararası is being designated pursuant to E.O. 14024 for operating or having operated in the transportation sector of the Russian Federation economy. BP Dis Ticaret and Sinerji Endustriyel Ekipman are being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

Uzay Group and LSS Global Customers

U.S.-designated Türkiye-based companies [Uzay Group Dis Ticaret Limited Sirketi](#) (Uzay Group) and [LSS Global Insaat Sanayi ve Ticaret Limited Sirketi](#) (LSS Global) have supplied Russia-based wholesalers with items on the CHPL:

- Russia-based **Elit Limited Liability Company** (Elit) is a wholesaler that has imported items on the CHPL, including from Uzay Group. Elit's imports include integrated circuits, which are Tier 1 items of highest concern due to their critical role in the production of advanced Russian precision-guided weapons systems. Elit also has a history of supplying electrical connectors to U.S.-designated Russian state-owned military equipment manufacturer [Konstruktorskoe Byuro Priborostroeniya Otkrytoe Aktsionernoe Obshchestvo](#). Elit is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.
- Russia-based **Aviek Limited Liability Company** (Aviek), **Ekvik Limited Liability Company** (Ekvik), **Ksian Limited Liability Company** (Ksian), and **Severnyi Veter – TB Limited Liability Company** (Severnyi Veter – TB) are wholesalers that have imported electronic integrated circuits, including from Uzay Group. Aviek, Ekvik, Ksian, and Severnyi Veter – TB are being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

- Russia-based **Limited Liability Company Baikal Trading Company** (Baikal Trading) is an electronics wholesaler that has imported items on the CHPL, including Tier 3.A items, which are electronic components used in Russian weapon systems. Baikal Trading's suppliers include Uzay Group. Baikal Trading is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.
- Russia-based **Intelлект Telekom Limited Liability Company** (Intelлект Telekom) has imported integrated circuits. Intelлект Telekom's suppliers include LSS Global. Intelлект Telekom is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

Cresta Lojistik

Türkiye-based **Cresta Lojistik İthalat İhracat Ticaret Şirketi** (Cresta Lojistik) has been involved in the attempted procurement of South Korea-origin semiconductor manufacturing equipment for U.S.-designated Russian producers of microelectronics for the Russian military. Cresta Lojistik is being designated pursuant to E.O. 14024 for operating or having operated in the manufacturing sector of the Russian Federation economy.

SINNO GROUP PROCUREMENT NETWORK

PRC nationals **Lin Qing** (a.k.a. Becky Lin) and **Peng Minbo** (a.k.a. Betty Peng) are executives of U.S.-designated **Sinno Electronics Co., Limited** (Sinno Electronics), a Hong Kong-registered company that operates from several addresses in Hong Kong and Mainland China. Sinno Electronics is a longtime supplier of microelectronics to Russian defense procurement companies.

On September 30, 2022, OFAC designated Sinno Electronics pursuant to E.O. 14024 for having materially assisted, sponsored, or provided financial, material, or technological support for, or goods or services to or in support of **Radioavtomatika LLC** (Radioavtomatika), a U.S.-designated Russian defense procurement firm that specializes in procuring foreign items for Russia's defense industry. Sinno Electronics was previously added to the U.S. Department of Commerce's Entity List on June 28, 2022. Sinno Electronics now goes by the name Sinno Group Limited, but continues to use the trade name Sinno Electronics in public and likely operates a reserve list of companies it could use.

Lin Qing has served as managing director of Sinno Electronics since 2006. He is also the director and 100 percent owner of Hong Kong-registered **Sinno Group Limited** (Sinno Group). The

business group now known as Sinno Group claims to have supplied electronic equipment to Russia since 2010 and has had an office there since 2015. As recently as April 2024, Sinno Group sponsored and participated in the largest electronics exhibition in Russia. In addition, Sinno Group itself has made hundreds of shipments of microelectronics identified as Tier 1 items on the CHPL to Russia-based end-users.

Following Sinno Electronics' addition to the Entity and Specially Designated Nationals (SDN) Lists, Lin Qing continued to engage with leadership of a U.S.-designated entity in Russia.

Lin Qing and Sinno Group are being designated pursuant to E.O. 14024 for operating or having operated in the electronics sector of the Russian Federation economy.

Peng Minbo has been involved in the Russian electronics market for many years as a Sinno Electronics executive. Since the beginning of the full-scale invasion of Ukraine, Peng Minbo has personally made thousands of foreign-origin microelectronic shipments to Russia, including items critical to the production of advanced Russian-precision guided weapons. Peng Minbo has also collaborated directly with multiple U.S.-designated entities in Russia to deliver electronic components utilized in advanced Russian weapons systems. Peng Minbo and a U.S.-designated Russia entity engaged in a complex scheme involving numerous intermediary companies across multiple countries.

Peng Minbo is being designated pursuant to E.O. 14024 for operating or having operated in the electronics sector of the Russian Federation economy.

Additionally, today OFAC is designating several Hong Kong-registered companies linked to Sinno Electronics. Since Russia's full-scale invasion of Ukraine, these companies have cumulatively made tens of thousands of shipments of microelectronics critical to the production of advanced Russian precision-guided weapons systems to Russia, including to U.S.-designated companies. Though registered in Hong Kong, these companies also operate from Shenzhen-based addresses in Mainland China associated with Sinno Electronics.

- **Allparts Trading Limited** (Allparts) and **Align Trading Limited** (Align) are Hong Kong-registered companies that have supplied multiple U.S.-designated entities in Russia with microelectronics, including components intended for advanced Russian weapons systems. Both companies have made thousands of foreign-origin microelectronics shipments to Russia, including hundreds of shipments on behalf of Sinno Electronics executive Peng Minbo. Allparts has also made shipments on behalf of Sinno Electronics. Allparts was previously added to the U.S. Department of Commerce's Entity List on April 12, 2023. Align

was registered a week prior to Allparts' addition to the Entity List. Together, Allparts and Align have made more than \$27 million worth of shipments of microelectronics identified as Tier 1 items on the CHPL to Russia-based end-users.

- **Chips Resources Limited** (Chips Resources) is a Hong Kong-registered company that has made thousands of shipments of microelectronics to Russia, including hundreds of shipments to U.S.-designated [Mikrosan OOO](#). Many of these shipments occurred months after Mikrosan OOO's designation by OFAC in June 2023. Chips Resources is also involved in supporting the efforts of a U.S.-designated entity in Russia to procure electronic components for advanced Russian weapons systems. Chips Resources has made more than \$13 million worth of shipments of microelectronics identified as Tier 1 items on the CHPL to Russia-based end-users.
- Hong Kong-registered **Maxtronic Global Limited** (Maxtronic) and **Avtex Semiconductor Limited** (Avtex) have both shipped thousands of microelectronics shipments to Russia from locations in Hong Kong and Shenzhen, including items critical to the production of advanced Russian precision-guided weapons. Sinno Electronics executive Peng Minbo is the partial owner of Maxtronic and the full owner of Avtex. Maxtronic and Avtex were previously added to the U.S. Department of Commerce's Entity List on April 12, 2023. Together, Maxtronic and Avtex have made more than \$4.5 million worth of shipments of microelectronics identified as Tier 1 items on the CHPL to Russia-based end-users.
- Hong Kong-registered **Avinex Global Limited** (Avinex) operates from a Shenzhen-based address associated with Avtex and was registered one week prior to Avtex's addition to the U.S. Department of Commerce's Entity List. Avinex has shipped thousands of microelectronic shipments to Russia, including items critical to the production of advanced Russian precision-guided weapons. Avinex has made nearly \$5 million worth of shipments of microelectronics identified as Tier 1 items on the CHPL to Russia-based end-users.
- **Megachips Limited** (Megachips) is a Hong Kong-registered company, likely operating as a front company for Sinno Electronics. Megachips has made hundreds of shipments to U.S.-designated [Limited Liability Company Kvazar](#) and is involved in processing payments for a second U.S.-designated Russian entity's efforts to procure electronic components for advanced Russian weapons systems.

In addition to the above electronics suppliers, OFAC is also designating **Polar Bear Electronics Co., Limited** (Polar Bear), a Hong Kong-registered company that operates as a financial intermediary between Chips Resources and a U.S.-designated Russian entity.

Allparts, Align, Maxtronic, Avtex, Chips Resources, and Megachips are being designated pursuant to E.O. 14024 for operating or having operated in the electronics sector of the Russian Federation economy. Avinex is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation Economy. Polar Bear is being designated pursuant to E.O. 14024 for having materially assisted, sponsored, or provided financial, material, or technological support for, or goods or services to or in support of, Chips Resources.

OTHER THIRD-COUNTRY INTERMEDIARIES SENDING DUAL-USE ITEMS TO RUSSIA

Established in March 2023, Hong Kong-based **3K Group Limited** (3K Group) has sent more than 300 shipments to Russia-based end-users, including U.S.-designated [Inelso OOO](#). 3K Group's shipments to Russia have included high-priority dual-use technology such as electronic integrated circuits, tantalum capacitors, and multilayer ceramic capacitors. 3K Group is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

India-based **Abhar Technologies and Services Private Limited** (Abhar) has shipped high-priority dual-use technology, including electronic integrated circuits, to Russian end-users, including U.S.-designated, Russia-based [Limited Liability Company Prius Electronics](#). Abhar is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

Hong Kong and PRC-based **Ablefast Logistics Shenzhen Limited** (Ablefast Logistics) sent more than 170 shipments to Russia-based end-users between May 2022 and January 2024, including lithium-ion batteries, memory chips, and static electric converters. In early 2024, Ablefast Logistics worked on procuring Singapore-origin semiconductor manufacturing equipment ultimately destined for U.S.-designated Russian producers of microelectronics for the Russian military. Ablefast Logistics is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

Hong Kong and PRC-based **Ace Electronic (HK) Co., Limited** (Ace Electronic) has sent more than 300 shipments of high-priority dual-use technology since January 2024 to Russia-based end-users. Additionally, in 2023, Ace Electronic exported American-made radio frequency transceivers to Russia that have been subsequently recovered from Orlan-10 unmanned aerial vehicles (UAVs) used against Ukrainian forces. Ace Electronic is being designated pursuant to

E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

Hong Kong-based **ACS Systems Limited** (ACS Systems) has sent more than 100 shipments since April 2023 to U.S.-designated [Uniservice Limited Liability Company](#). Shipments included high-priority dual-use technology such as electronic integrated circuits. ACS Systems is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

Since at least February 2022, Hong Kong-based **Afox Corporation** (Afox) has made thousands of shipments of high-priority dual-use items to Russian government contractor companies, totaling over \$100 million in items that are critical to Russia's weapons systems. These shipments included automatic data-processing machines, solid state drives, and electronic integrated circuits. Afox is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

Established in April 2023, Hong Kong-based **Auspicious Sun Limited** (Auspicious Sun) has sent more than 380 shipments since August 2023 to Russia-based end-users. Shipments included high-priority dual-use technology such as electronic integrated circuits, tantalum capacitors, and multilayer ceramic capacitors. Auspicious Sun is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

Thailand-based **Bentozer Company Limited** (Bentozer) sent more than 100 shipments to Russia-based end-users, including of electronic integrated circuits and electronic storage units. Bentozer is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

Hong Kong-based **Beyond Center Limited** (Beyond Center) has sent more than 4,300 shipments since 2023, totaling over \$4 million, to a Russia-based technology component company. Beyond Center's shipments have included high-priority dual-use goods such as electronic integrated circuits, tantalum capacitors, and multilayer ceramic capacitors. Beyond Center was designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

Established in November 2023, Hong Kong-based **Bhoomi HK Limited** (Bhoomi) since December 2023 has sent more than 100 shipments to a Russia-based end-user. Bhoomi's shipments have included high-priority dual-use technology such as electronic integrated

circuits. Bhoomi is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

Since 2023, Hong Kong-based **Cargo LinkedIn International Limited** (Cargo LinkedIn) has sent more than 2,800 shipments to **EK Import**, a Russia-based manufacturer of electronic components, loaded electronic boards, and computers. Cargo LinkedIn's shipments to EK Import have included high-priority dual-use technology such as electronic integrated circuits, tantalum capacitors, and multilayer ceramic capacitors. Cargo LinkedIn is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy. EK Import is being designated pursuant to E.O. 14024 for operating or having operated in the manufacturing sector of the Russian Federation economy.

Benin-based **Centre Chinois De Developpement Economique Et Commercial Au Benin SARL** (Centre Chinois) worked with Hong Kong-based **Goldvast Enterprises Company Limited** (Goldvast) as part of a procurement scheme to obfuscate shipments of advanced manufacturing equipment and metalworking machines to U.S.-designated, Russia-based [Limited Liability Company Engineering Firm AB Universal](#) (AB Universal). AB Universal manufactures non-standard industrial equipment, including CNC milling machines and additive manufacturing equipment. AB Universal supplies technical equipment to Russian industrial enterprises and research centers. Centre Chinois is being designated pursuant to E.O. 14024 for operating or having operated in the manufacturing sector of the Russian Federation economy. Goldvast is being designated pursuant to E.O. 14024 for having materially assisted, sponsored, or provided financial, material, or technological support for, or goods and services to or in support of, AB Universal.

Established in November 2022, Hong Kong-based **Chipgoo Electronics Limited** (Chipgoo) sent more than 6,000 shipments totaling over \$3.6 million between March 2023 and December 2023 to U.S.-designated dual-use technology importer [LLC Altrabeta](#). Shipments included high-priority dual-use goods such as electronic integrated circuits, tantalum capacitors, and multilayer ceramic capacitors. Chipgoo is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

India-based **Denvas Services Private Limited** (Denvas) is managed and directed by several Russian nationals involved in defense procurement schemes and has been used by Russia to procure U.S.-origin microelectronics for use in its advanced conventional weapons as recently as

2023. In April 2023, Denvas shipped low voltage switches and fuses, and at least one shipment of dual-use integrated circuits, to a Russia-based end-user. Denvas is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

PRC-based **Ele Technology Co Ltd** (Ele Technology) since January 2023 has sent more than 250 shipments, including machining centers for working metal and horizontal lathes, to U.S.-designated, Russia-based manufacturing company [Alfa Machinery Group](#), which supplies metalworking equipment to Russian manufacturers working with Russian military suppliers. Ele Technology is being designated pursuant to E.O. 14024 for operating or having operated in the manufacturing sector of the Russian Federation economy.

India-based **Emsystech** has sent over 800 shipments, including of electronic integrated circuits and tantalum capacitors, to Russia-based end-users such as U.S.-designated [Basis Trade Prosoft LLC](#), a supplier of industrial computers, components for automated process control systems, and radio-electronic components. Emsystech is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

Established in February 2023, Hong Kong-based **FK HK Limited** (FK HK) sent over 150 shipments since November 2023 to Russia-based end-users. Shipments included high-priority dual-use technology such as electronic integrated circuits, tantalum capacitors, and multilayer ceramic capacitors. FK HK was designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

India-based **Galaxy Bearings LTD** (Galaxy) and **Orbit Fintrade LLP** (Orbit) have exported dozens of high-priority dual-use equipment to Russia, including roller bearings and roller assemblies. Galaxy and Orbit sent high-priority shipments to a blocked Russia-based subsidiary of U.S.-designated Russian manufacturing company [Limited Liability Company Tek Kom Manufacturing](#). Galaxy and Orbit are being designated pursuant to E.O. 14024 for operating or having operated in the manufacturing sector of the Russian Federation economy.

Established in June 2023, Hong Kong-based **Group Yeoh Limited** (Group Yeoh) has sent more than 250 shipments since September 2023 to Russia-based end-users, including U.S.-designated Russian military industrial base companies [Limited Liability Company Promelektro Engineering](#) and [Limited Liability Company Elecom](#). Group Yeoh's shipments have included high-priority dual-use technology such as electronic integrated circuits, multilayer ceramic capacitors, and

tantalum capacitors. Group Yeoh is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

Established in July 2022, Hong-Kong based **HK Link Asia Electronics Limited** (HK Link) has sent over 700 shipments to Russia-based end-users, including U.S.-designated [Torgovyi Dom Simmetron Elektronnye Komponenty](#). HK Link's shipments have included high-priority dual-use technology such as electronic integrated circuits and, tantalum capacitors, and multilayer ceramic capacitors. HK Link is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

Established in August 2022, Hong Kong-based **Honestwin Technology Co Limited** (Honestwin Technology) has sent more than 1,000 shipments since April 2023 to Russia-based end-users. Honestwin Technology's shipments have included high-priority dual-use technology such as electronic integrated circuits, tantalum capacitors, and multilayer ceramic capacitors. Honestwin Technology is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

Hong Kong-based **Hong Kong Qisu Electronic Technology Co Limited** (Qisu Electronic) has sent more than 2,000 shipments since January 2023 to Russia-based end-users, including U.S.-designated Russian military industrial base companies [Microem](#) and Torgovyi Dom Simmetron Elektronnye Komponenty. Qisu Electronic's shipments have included high-priority dual-use technology such as electronic integrated circuits, tantalum capacitors, and multilayer ceramic capacitors. Qisu Electronic is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

Since May 2022, India-based **Innovio Ventures** has sent over 200 shipments, including of electronic integrated circuits and multilayer ceramic capacitors, to Russia-based end-users, including U.S.-designated electronic components supplier and military procurement entity [LLC Testkomplekt](#). Innovio Ventures' shipments have included electronic integrated circuits and multilayer ceramic capacitors. Innovio Ventures has supplied at least \$4.9 million of electronic equipment, including drones, to Russia. Innovio Ventures is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

PRC-based **Jiaxing Yongchi Mechanical And Electrical Co Ltd** (Yongchi Mechanical) has sent more than 50 shipments since June 2023 to Russia-based end-users, including U.S.-designated [Baltiyskaya Promishlennaya Kompaniya](#). Yongchi Mechanical's shipments have included machining centers for working metal and horizontal lathes. Yongchi Mechanical is

being designated pursuant to E.O. 14024 for operating or having operated in the manufacturing sector of the Russian Federation economy.

India-based **KDG Engineering Private Limited** (KDG) has sent over 1,500 shipments to Russia of high-priority dual-use technology, including machines for the reception, conversion, and transmission of data, electrical apparatus for switching, and coaxial connectors. KDG is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

Since 2023, India-based **Khushbu Honing Private Limited** (Khushbu) has sent at least five shipments of advanced machine tools and accessories to U.S.-designated, Russia-based [Limited Liability Company Unimatik](#), a Russia-based CNC machine producer and wholesaler that supplies Russian defense companies with CNC machines and related parts. As of January 2024, U.S.-designated, Russia-based [Limited Liability Company AK Microtech](#) sought to evade sanctions by purchasing microelectronics equipment via Khushbu. Khushbu was designated pursuant to E.O. 14024 for operating or having operated in the manufacturing sector of the Russian Federation economy.

Montenegro-based Russian national **Sergey Kokorev** (Kokorev) has used his Montenegro-based company **Drustvo Sa Ogranicenom Odgovornoscju International Business Corporation Bar** (IBC) to transship European-origin machining centers and ball bearings to Russia-based end-users, including U.S.-designated, Russia-based manufacturing company [Limited Liability Company AMS Tekhnika](#), which is involved in the wholesale distribution of industrial machinery and equipment. Kokorev used IBC to export military equipment from Montenegro to Russia. Kokorev and IBC are being designated pursuant to E.O. 14024 for operating or having operated in the manufacturing sector of the Russian Federation economy.

India-based advanced machine tool manufacturer and supplier **Lokesh Machines Limited** (Lokesh) openly advertises its exports to Russia and attended major Russian metalworking exhibitions to showcase its products in 2024. Since 2023, Lokesh has sent dozens of shipments of machine tools to various Russian manufacturing companies. Lokesh employees have been coordinating with U.S.-designated Russian defense procurement agent [Dmitrii Vladimirovich Alikhanov](#) (Alikhanov) and his U.S.-designated, Russia-based company [Newton-ITM](#) to import Italy-origin CNC machines from U.S.-designated [Fagima SPA](#). That coordination has continued even after the designation of Alikhanov and affiliated individuals and entities. Lokesh is being designated pursuant to E.O. 14024 for operating or having operated in the manufacturing sector of the Russian Federation economy.

Hong Kong-based **Midas Lighting Limited** (Midas Lighting) has sent more than 100 shipments of high-priority dual-use items since October 2023 to Russia-based end-users, including to U.S. designated [LLC T-Komponent SP](#). These shipments included items such as electrical transformers, tantalum capacitors, and electronic integrated circuits. Midas Lighting is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

Since October 2023, Hong Kong-based **Minhoo Logistics Limited** (Minhoo Logistics) has sent more than 240 shipments to U.S.-designated [Baltelektron Limited Liability Company](#). Minhoo Logistics' shipments have included high-priority dual-use technology such as electronic integrated circuits, tantalum capacitors, and multilayer ceramic capacitors. Minhoo Logistics is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

PRC-based **Nanchang Kudos Import and Export Company Limited** (Nanchang Kudos) handles export business for U.S.-designated [Jiangxi Liansheng Technology Co Ltd](#) (Jiangxi Liansheng). Nanchang Kudos has worked on procuring Singapore- and Taiwan-origin semiconductor manufacturing machines for U.S.-designated [Fotoniks Klaud](#) that were destined for other U.S.-designated Russian producers of microelectronics for the Russian military. Nanchang Kudos is being designated pursuant to E.O. 14024 for being owned or controlled by, or for having acted or purported to act for or on behalf of, directly or indirectly, Jiangxi Liansheng.

Established in March 2022, India-based **Pointer Electronics** has sent over 100 shipments to Russia-based end-users since 2023, with shipments including high-priority dual-use technology such as electronic integrated circuits and multilayer ceramic capacitors. Pointer Electronics is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

Since 2023, Hong Kong-based **Richtek Hongkong Electronic Co Limited** (Richtek) has sent over 30 shipments to Russia-based end-users, including U.S.-designated [Logaid](#) and LLC Testkomplekt. Richtek's shipments have included high priority dual-use technology such as electronic integrated circuits. Richtek is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

Since January 2024, PRC-based **Rofo Trading Co Ltd** (Rofo Trading) has sent over 40 shipments, including of metalworking machine tools and machine centers, to U.S.-designated Russian military-industrial base companies [Limited Liability Company KMT](#), [LLC Mashimport](#), and [Limited Liability Company Inkor](#). Rofo Trading is being designated pursuant to E.O. 14024

for operating or having operated in the manufacturing sector of the Russian Federation economy.

Since 2023, India-based **RRG Engineering Technologies Private Limited** (RRG) has sent over 100 shipments of microelectronics to U.S.-designated, Russia-based [Arteks Limited Company](#). RRG is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

Since November 2023, PRC-based **Shanghai Zhanjia Trading Co Ltd** (Zhanjia Trading) has sent more than 60 shipments, including of lathes, to U.S.-designated Russian military-industrial base company [Public Joint Stock Company Chelyabinsk Forge and Press Plant](#), which manufactures special purpose vehicles. Zhanjia Trading is being designated pursuant to E.O. 14024 for operating or having operated in the manufacturing sector of the Russian Federation economy.

India-based **Sharpline Automation Private Limited** (Sharpline) has sent shipments to Russia of high-priority dual-use machinery and related goods, including lathes, parts and accessories for machine tools, metalworking machining centers, and drilling machines. Sharpline is being designated pursuant to E.O. 14024 for operating or having operated in the manufacturing sector of the Russian Federation economy.

India-based **Shaurya Aeronautics Private Limited** (Shaurya) has sent shipments to Russia of high-priority dual-use technology, including radar apparatus, radio navigational aid apparatus and radio remote control apparatus, and electrical apparatus for switching. Shaurya is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

PRC-based **Shenzhen A Technology Co Ltd** (Shenzhen A Technology) has sent more than 600 shipments to Russia-based end-users since December 2022, including to U.S. designated Russian military-industrial base companies LLC Testkomplekt and Limited Liability Company Promelektro Engineering. Shenzhen A Technology's shipments have included high-priority dual-use technology such as electronic integrated circuits, tantalum capacitors, and multilayer ceramic capacitors. Shenzhen A Technology is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

PRC-based **Shenzhen One World International Logistics Co Ltd** (One World) has sent more than 600 shipments to Russia-based end-users, including U.S.-designated Limited Liability Company Elecom, LLC Testkomplekt, and [Global Key Limited Liability Company](#). One World's shipments have included high-priority dual-use technology such as electronic integrated

circuits, tantalum capacitors, and multilayer ceramic capacitors. One World is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

India-based **Shreegee Impex Private Limited** (Shreegee) openly advertises its provision of goods to Russian manufacturers and lists U.S.-designated, Russia-based [Kamaz Publicly Traded Company](#) as one of its customers. Shreegee has sent hundreds of high-priority dual-use items, including aviation-related parts, as well as transmission belts and rubber products for automobile assembly, to Russia-based manufacturers. Shreegee is being designated pursuant to E.O. 14024 for operating or having operated in the manufacturing sector of the Russian Federation economy.

Since 2023, India-based **Shreya Life Sciences Private Limited** (Shreya) has sent hundreds of shipments of U.S.-trademarked technology, including advanced servers designed for artificial intelligence and machine learning, to Russia. These shipments, totaling tens of millions of dollars, have included high-priority technology that Russia seeks to procure for its weapons programs. Shreya has sent technology to U.S.-designated Russian technology companies [Silkway Limited Liability Company](#) and [OOO Lanprint](#), as well as **Mein Chein**, a Russia-based wholesaler and importer of computer equipment founded in 2023 that offers “turnkey import” services. Shreya and Mein Chein are being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

Since November 2023, PRC-based **Sunshine Logistics Shenzhen Co Ltd** (Sunshine Logistics) has sent more than 300 shipments to Russia-based end-users, including Russian military-industrial base company [Limited Liability Company Ultran Electronic Components](#). Sunshine Logistics’ shipments have included high-priority dual-use technology such as electronic integrated circuits and multilayer ceramic capacitors. Sunshine Logistics is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

Switzerland-based **ZG Optique SA** (ZG Optique) develops high precision opto-electron instruments and has customers in Russia. ZG Optique has partnered with U.S.-designated Rostec affiliates and has exported technology to U.S.-designated, Russia-based [Katod](#), a night vision device manufacturer. ZG Optique SA is being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

TRUST AND CORPORATE SERVICES PROVIDERS (TCSP) ENABLING SANCTIONS EVASION

Baumgartner and Delco

Swiss nationals **Andres Baumgartner** (Baumgartner) and **Fabio Libero Delco** (Delco) are major handlers of Russian assets and are important business and cash flow facilitators for Russians. Baumgartner and Delco have provided trust and corporation formation services to many Russian clients, including sanctioned Russian individuals. Baumgartner and Delco are each the director of many Russian-owned entities.

Intracorp

Thailand-based **Intracorp Company Limited** (Intracorp) has for several years facilitated the establishment of companies in Thailand for Russians and for third-country nationals wishing to do business with the Russian market. Intracorp caters predominantly to Russian clientele and created and administered the top Thailand-based companies sending high priority items to Russia, including **Tsezar Group Company Limited** (Tsezar Group) and **RBW Lab Co Ltd** (RBW Lab). In 2023 and 2024, Tsezar Group sent more than \$57 million of goods to Russia-based end-users, including machines for the reception, conversion, and transmission of data, and optical fiber cables. In 2023 and 2024, RBW Lab sent more than 200 shipments to Russia-based end-users, including machines for the reception, conversion, and transmission of data, and magnetic or optical readers.

Baumgartner, Delco, and Intracorp are being designated pursuant to E.O. 14024 for operating or having operated in the trust and corporate formation services sector of the Russian Federation economy. Tsezar Group and RBW Lab are being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

Sister Trust

The Sister Trust is a Bermuda and Switzerland-based trust established and controlled by U.S.-designated [Alisher Burhanovich Usmanov](#) (Usmanov). Usmanov is actively involved in the management of the Sister Trust and makes all key decisions related to it.

The Sister Trust is being designated pursuant to E.O. 14024 for being owned or controlled by, or for having acted or purported to act for or on behalf of, directly or indirectly, Usmanov, a person whose property and interests in property are blocked pursuant to E.O. 14024.

USHKO MACHINE TOOLS PROCUREMENT SCHEME

Russia-based **Limited Liability Company Tekhnologiya Razvitiya Otkrytykh Sistem** (TROS) manufactures metalworking equipment and wholesales machine tools. Russian national **Sergei Petrovich Ushko** (Sergei Ushko) is the director of TROS. Sergei Ushko's son, Russian national **Aleksandr Sergeyevich Ushko** (Aleksandr Ushko), works at a European machine tool company and helps his father procure machine tools for Russia-based end-users. Sergei Ushko and Aleksandr Ushko coordinate with their affiliates, Russian nationals **Igor Vladimirovich Khomenko** (Igor Khomenko) and **Tatyana Valentinovna Khomenko** (Tatyana Khomenko), to leverage several Central Asia-based intermediaries to transship advanced machine tools to Russia. Uzbekistan-based **OOO Uzstanex** (Uzstanex) and Kazakhstan-based **Kazstanex** operate as nominal recipients of the shipments of machine tools from Europe, before shipping them to PRC-based **Shanghai Winsun Imp and Exp Co Ltd** (Shanghai Winsun) to reach Russia.

TROS, Sergei Ushko, Aleksandr Ushko, Igor Khomenko, Tatyana Khomenko, Uzstanex, Kazstanex, and Shanghai Winsun are being designated pursuant to E.O. 14024 for operating or having operated in the manufacturing sector of the Russian Federation economy.

ANDREI DUBEN MINING EQUIPMENT PROCUREMENT SCHEME

U.S.-designated Russian procurement agent [Marat Khanbalevich Gabitov](#) (Gabitov) has worked with Chile-based **Andrei Vladimirovich Duben** (Duben) to obtain specialized mining equipment for Russian mining companies. Duben has been Gabitov's primary South America-based partner to process requests for equipment to be shipped to Russia.

Duben is being designated pursuant to E.O. 14024 for operating or having operated in the metals and mining sector of the Russian Federation economy.

ILLICIT MICROELECTRONICS NETWORK

OOO Vektor Grupp (Vektor Grupp) is a Russia-based purchaser of U.S.- and non-U.S.-origin microelectronic components. Vektor Grupp works with two Hong Kong companies, **Jove HK**

Limited (Jove HK) and **JST Group Limited** (JST Group), to procure microelectronics and other components from U.S.-based distributors. Jove HK has shipped optical elements to Russia and JST Group has shipped high priority dual-use goods, including electronic integrated circuits, to Russia.

Russian national Denis Postovoy (Postovoy) allegedly utilized Vektor Grupp, Jove HK, and JST Group—each of which he owns or operates—to procure and illicitly export microelectronic components with military applications to Russia. [On September 16, 2024](#), the Department of Justice unsealed an indictment charging Postovoy with conspiring to violate the Export Control Reform Act, to commit smuggling, to commit money laundering, and to defraud the United States, following an investigation by Homeland Security Investigations (HSI) in Colorado Springs. Postovoy was arrested the same day.

Vektor Grupp, Jove HK and JST Group are being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy.

RUSSIAN MINISTRY OF DEFENSE CONTRACTOR ILLICIT PROCUREMENT SCHEME

On August 26, 2024, Hungarian national Bence Horvath (Horvath) [was charged](#) by the U.S. Department of Justice with violations of U.S. export controls targeting Russia, including by conspiring with others to illegally export U.S.-origin radio communications technology to Russian government end-users without a license. Horvath allegedly aided in procurement activities involving Russia-based **ZAO Budaphone Ltd** (Budaphone), a contractor for the Russian Ministry of Defense and certified integration center for the assembly and installation of digital radio communications equipment. Budaphone shares an address with Russia-based **Promsvyazradio**, which manufactures printed circuits and radio transmitting equipment. Promsvyazradio has also imported high-priority dual-use technology into Russia. Serbia-based **Ventrade DOO** has exported military-grade radios to Promsvyazradio.

Budaphone and Promsvyazradio are being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy. Ventrade DOO is being designated pursuant to E.O. 14024 for having materially assisted, sponsored, or provided financial, material, or technological support for, or goods or services to or in support of, Promsvyazradio.

OFAC's action related to this scheme was the result of close and ongoing collaboration with HSI New Orleans Field Division; the Department of Defense's Defensive Criminal Investigative Service (DCIS); the Department of Commerce's Bureau of Industry and Security (BIS) Office of Export Enforcement; and the Department of Justice.

RUSSIAN MARINE SECTOR PROCUREMENT

UPT Network

Russia-based **CJSC Perspective Technologies Agency** (UPT) performs cable laying and associated support functions for the Russian government, including the Russian Ministry of Defense. UPT is directed by **Alexey Alekseyevich Strelchenko** (Strelchenko). Strelchenko performs a variety of tasks as the General Director of UPT, including approving cable laying and associated support operations by vessels controlled by UPT. Strelchenko also exercises control over large investments and procurements for UPT.

Russia-based **JSC Transport Freight Agency** (Transport Freight) operates several Russian-flagged vessels that are regularly used by UPT for maritime missions. Transport Freight is 100-percent owned by Strelchenko.

Russia-based **Joint Stock Company Perspective Technologies Center** (TSPT) is a UPT subsidiary that has certified technical specification reports for the Russian Ministry of Defense. TSPT provides engineering support to UPT. TSPT is 100-percent owned by Strelchenko.

Cyprus-based **Mostrello Commercial Ltd** (Mostrello), British Virgins Island-based **Nikesto Investments Ltd** (Nikesto), and Belize-based **Berezia Management Ltd** (Berezia) own Russian-flagged vessels that have been used by Russia-based UPT to conduct maritime missions.

UPT, Strelchenko, Transport Freight, Mostrello, Nikesto, and Berezia are being designated pursuant to E.O. 14024 for operating or having operated in the marine sector of the Russian Federation economy. TSPT is being designated pursuant to E.O. 14024 for having materially assisted, sponsored, or provided financial, material, or technological support for, or goods or services to or in support of, UPT.

Technopole Network

U.S.-designated [Technopole Company \(Technopole\)](#), a Russia-based firm involved in the manufacture and delivery of equipment for ocean exploration, oceanology, and related

applications, produces a navigation system designed for Russian military vessels, including high-speed missile boats, as well as submarines and remotely operated autonomous unmanned underwater vehicles. Russian national **Evgeniy Krayushkin** (Krayushkin) is a Technopole employee who has requested pricing and placed orders on behalf of Technopole. Krayushkin has worked with Technopole owner, U.S.-designated [Alexander Petrovich Voronkov](#) (Voronkov), to complete purchase orders through U.S.-designated, Russia-based [Technomar](#) for Technopole. Russian national **Valery Mikhaylovich Slepov** (Slepov) is a representative of Technomar who has attempted to procure equipment for Technomar and worked for Technopole. Russia-based **Ineko LLC** has procured undersea-related technologies on behalf of Technopole.

Krayushkin and Slepov are being designated pursuant to E.O. 14024 for having acted or purported to act for or on behalf of, directly or indirectly, Technopole. Ineko LLC is being designated pursuant to E.O. 14024 for having materially assisted, sponsored, or provided financial, material, or technological support for, or goods or services in support of, Technopole.

ANNEX 2: RUSSIA'S MILITARY-INDUSTRIAL BASE

The following persons are being designated pursuant to E.O. 14024 for operating or having operated in the defense and related materiel sector of the Russian Federation economy:

- **Athree Company Limited** develops electronic components with defense applications, as well as weapons and other military equipment. Athree Company Limited works with the Russian Ministry of Defense.
- **Autonomous Non Profit Organization Institute for Testing and Certification of Armament and Military Materiel** develops certification technologies and quality control systems for the Russian Ministry of Defense and U.S.-designated Russian defense companies.
- **Federal State Budgetary Institution Russian Academy of Rocket and Artillery Sciences** (Russian Academy of Rocket and Artillery Sciences) works with the Russian Ministry of Defense and U.S.-designated Russian defense organizations. The Russian Academy of Rocket and Artillery Sciences focuses on using advanced technologies for military purposes, conducting research for weapons systems, and supporting the development and procurement of weapons systems.

- **Joint Stock Company Intellect Mashine** develops weapons, including drones used in Russia's invasion of Ukraine.
- **Joint Stock Company Research and Production Association Volna** develops electronic equipment for the Russian Ministry of Defense and Russian law enforcement agencies.
- **Joint Stock Company Scientific Research Institute of Communication Systems and Automated Control Systems** develops automatic control and communication systems and other military equipment for the Russian military.
- **Limited Liability Company Astron Aero** develops drones and combat anti-drone systems and has presented its products at a Russian defense exhibition.
- **Limited Liability Company Nauchno Proizvodstvennoe Obyedinenie Kaisant** develops man-portable anti-drone weapons used by the Russian military.
- **Moscow Aviation Institute** (MAI) trains personnel in aircraft armaments, weapon control systems, and targeting systems and that also trains engineers in the design and manufacturing of robotic systems for military use. MAI trains aviation personnel for U.S.-designated Russian defense conglomerate [State Corporation Rostec \(Rostec\)](#), and Rostec personnel participate in instruction and research at MAI.
- **OOO Konstruktorskoe Byuro Spektr Inzhiniring** develops sea, air, and land drones with reconnaissance, minelaying, and combat applications that are used by the Russian military.
- **OOO Nauchno Proizvodstvennoe Obyedinenie TSVBP** develops remote-controlled military vehicles for personnel transport and minelaying.
- **State Unitary Enterprise Center for Technical Development and Services Named After P A Sudoplatov of the Military and Civil Administration of the Zaporizhzhia Region**, based in Russia-occupied Ukraine, is an official supplier of UAVs to the Russian Ministry of Defense.

The following Russia-based persons are being designated pursuant to E.O. 14024 for operating or having operated in the technology sector of the Russian Federation economy:

- **AO NPO Angstrom** develops software for Russia's military.
- **Autonomous Non Profit Organization Institute of Engineering Physics** produces a military metrological complex for verification and calibration of gyrocompasses.
- **Bastion EK** supplies electronic and automated elements to Russia's military-industrial base.
- **Chip&Dip** produces semiconductor modules and electrolytic tantalum capacitors, items used by Russia to produce sophisticated weapons.

- **Elmak** manufactures diodes, transistors, electronic integrated circuits, and other semiconductor devices.
- **Energion** develops and supplies solutions for the storage and generation of energy, mainly focused on industrial batteries.
- **Energotest LLC** produces ultrasonic liquid flow meters, thermal imagers, and current-measuring transformers, voltmeters, and ammeters. Ultrasonic flow meters have applications in the aerospace and defense industries, including for propellants and to ensure accurate propulsion and trajectory control in missile guidance systems.
- **Federal State Budgetary Institution of Science Institute of Problems of Mechanics Named After A Yu Ishlinsky Russian Academy of Sciences** (Ishlinsky) performs research general mechanics, navigation systems, robotics and mechatronics, and laser technology. Ishlinsky carries out activities with the U.S.-designated [Federal Autonomous Enterprise The Central Aerohydrodynamic Institute Named After Professor NE Zhukovsky](#), which is involved in military aircraft research.
- **Gigant Computer Systems LLC** is a computer systems and information technology company that has partnered with U.S.-designated companies [ICL Techno Limited Liability Company](#), and [Red Soft](#), a member of the Military-Industrial Complex of the Russian Federation Coordination Council for Information Technology.
- **Institute for Information Transmission Problems of the Russian Academy of Sciences** conducts research in areas such as analysis methods of computer models of continuous systems and cognitive methods for the development of computer design of complex technical objects.
- **Institute for System Programming of the Russian Academy of Sciences** (System Programming), an institute focused on information technology, has clients such as U.S.-designated [LLC Security Code](#), whose clients include Russia's Ministries of Defense and Internal Affairs, and an entity that has cooperated with Russian military and intelligence authorities in support of the Russian Government's cyber intelligence objectives.
- **IPC2U LLC** develops and produces equipment such as industrial servers and embedded computers for industrial automation. IPC2U LLC has imported hundreds of shipments of integrated circuits.
- **JSC CSPA Leninetz** is involved in high-tech production for military purposes, including radioelectronic complexes and microelectronics-related systems.

- **JSC Modeling and Digital Doubles** (Digital Doubles) implements software products for numerical modeling and engineering analysis. Digital Doubles' clients include U.S.-designated [Joint Stock Company Concern Kalashnikov](#), Russia's leading manufacturer of combat firearms.
- **Joint Stock Company Pribory Service Torgovlya** (Torgovlya) supplies devices for electrical measurements. Torgovlya has contracts with U.S.-designated [Joint Stock Company Production Association Strela](#), which develops and produces missiles for Russia's Ministry of Defense.
- **Joint Stock Company Research Institute of Semiconductor Devices** produces microwave semiconductor devices and manufactures products for the military-industrial base.
- **Joint Stock Company Science and Production Enterprise Air and Marine Electronics** (Marine Electronics) carries out work related to radio-technical equipment; hydroacoustic equipment; optoelectronic systems; autonomous ship navigation systems; and robotic unmanned systems. Marine Electronics has marketed its products and services to customers in Russia's military-industrial base.
- **Krip Tekhno** specializes in the development, testing, and production of semiconductor devices and integrated circuits. More than 90 percent of Krip Tekhno's products are manufactured for Russia's military-industrial base.
- **Lavrentyev Institute of Hydrodynamics of Siberian Branch of Russian Academy of Sciences** (Lavrentyev) conducts fundamental research and participates in the development of scientific foundations of modern engineering and technology in areas including mathematical problems of continuum mechanics, physics and mechanics of high-energy processes, and mechanics of liquids and gases. Lavrentyev has government contracts for the development, manufacturing, installation, installation supervision, and adjustment supervision of technological equipment.
- **Limited Liability Company AFM Servers** (AFM) develops and implements a range of software products for automation and data migration. AFM manufactures the Kartograf, a Russian unmanned aerial system used by the Russian military.
- **Limited Liability Company Axalit Lab** (Axalit Lab) sells laboratory analytical equipment. Axalit Lab's technology includes analysis systems, optical microscopes, and electron microscopes.
- **Limited Liability Company Axalit Soft** has developed a high-speed hyperspectral camera with military applications.

- **Limited Liability Company EMT** (EMT) supplies Russian enterprises with equipment used in ground and air tests of products in the electronics, aerospace, shipbuilding, and automotive industries. EMT mainly supplies onboard systems for measuring, storing, and transmitting data via telemetry channels for flight tests of aircraft, helicopters, and missiles.
- **Limited Liability Company NTC Arsenal** (NTC) produces printed circuit boards, supplies electronic components, and is involved in the assembly of electronic modules with military applications.
- **Limited Liability Company Organic and Printed Electronics Technologies** is a joint venture of U.S.-designated [Joint Stock Company Central Research Institute Cyclone](#) that produces microdisplays for the Russian army.
- **Limited Liability Company Research Institution ISON Orbital Dynamics** (ISON OD) is involved in the repair of electronic and optical equipment and the wholesale of computers, computer peripheral equipment, and software. Igor Yevgenyevich Molotov, owner of Small Innovation Enterprise ISON Ballistics Service, [both designated on February 23, 2024](#), has used ISON OD, owned by **Stanislav Igorevich Molotov**, to circumvent sanctions.
- **Limited Liability Company Tekhspetskomplekt** specializes in the procurement of electronic components and the supply of imported electronic components, including digital components, power electronics components, electromechanical components, and industrial automation systems.
- **LLC Grant Instrument** imports electronic integrated circuits.
- **LLC Interresurs** (Interresurs) imports semiconductor production machines. Interresurs' top suppliers include U.S.-designated [Bosphorus Gate Dis Ticaret Limited Sirketi](#) and [Globus Turkey Lojistik Dis Ticaret Limited Sirketi](#).
- **LLC Sinto** is an information technology system integrator specializing in projects including the construction and modernization of data processing centers. LLC Sinto's partners include an entity that cooperates with Russian military and intelligence authorities in support of the Russian government's cyber intelligence objectives.
- **MIG Elektro** (MIG) supplies electronic components and industrial automation equipment.
- **Nauchno Proizvodstvennoe Obyedinenie Programmnye Kompleksy Realnogo Vremeni** (Vremeni) designs and develops exoskeletons and mountings for printed circuit boards. Vremeni is owned by U.S.-designated, Russia-based [Joint Stock Company Tulatochmash](#), which works within Russia's weapons and ammunition manufacturing industry.

- **OOO Fabrikon** (Fabrikon) manufactures computers and has Russian government procurement contracts to supply a Rostec-affiliated provider of technology solutions intended to serve government agencies.
- **Opytno Konstruktorskoe Byuro Pribor** (Pribor) creates microprocessors and software security systems.
- **O-Si-Es-Tsentr, OOO** is an authorized Russian government contractor that supplies IT products, such as memory storage equipment and software.
- **Sotis** is a computer equipment supplier that has supplied critical products to U.S.-designated [Limited Liability Company Yadro Fab Dubna](#), which is implementing a project to create Russia's largest modern production plant for the production of circuit boards.
- **Stock Company Morion Inc** designs and manufactures quartz frequency control products and supplies the Russian defense industry with quartz generators.
- **Superwave Group LLC** is an authorized Russian government contractor that imports and manufactures biometric products, interchangeable tool bits, computer equipment, and other critical technology items. In addition, Superwave Group LLC manufactures military-grade drones.
- **Tekhnomaks Krasnoyarsk** offers solutions in ensuring information security and replacement of foreign equipment and software with domestic Russian analogues.
- **Telecom Integration Limited Liability Company** (Telecom Integration) is a systems integrator in the information security and information technology fields. Telecom Integration's partners include U.S.-designated [Secret Technologies](#), which provides advanced information technology and information security services and solutions and serves large state-owned enterprises.
- **Tornetcom LLC** is an authorized Russian government contractor that supplies data-processing machines, storage units for automatic data-processing machines, and other technology items.
- **Tradestory LLC** is an authorized Russian government contractor that imports and manufactures computers, electrical static converters, power supply units, video cards, and other critical technology items.
- **V A Trapeznikov Institute of Control Sciences of Russian Academy of Sciences** (Trapeznikov) is involved in the development of jet technology, the control of aircraft gas turbine engines, multiprocessor computers, and control computing complexes. Trapeznikov's partners include the Russian Ministries of Defense and Internal Affairs.

- **Vektor OOO** supplies integrated circuits, data-processing machines, software, and other critical technology items.
- **Voltag LLC** (Voltag) develops and manufactures industrial uninterrupted power supply systems. Voltag's product line includes charging and rectifying devices, static inverters, uninterrupted power supply units, distribution boards, and batteries. Voltag's systems are used at Russian Ministry of Defense facilities.
- **Zakrytoe Aktsionernoe Obshchestvo MPO Elektromontazh** (MPO Elektromontazh) produces coaxial cables, electronic motors, electric boards, relays, circuit breakers, automatic switches, electric drills, and grinders. MPO Elektromontazh has been a supplier in dozens of Russian government contracts.

The following Russia-based persons are being designated pursuant to E.O. 14024 for operating or having operated in the manufacturing sector of the Russian Federation economy:

- **Aktsionernoe Obshchestvo Kazanskii Zavod Sinteticheskogo Kauchuka** (Kauchuka) manufactures synthetic rubber, including for Russia's shipbuilding industry. Kauchuka has exhibited its developments at trade shows run by the Russian Ministry of Defense.
- **Aktsionernoe Obshchestvo Akusticheskii Institut Imeni Akademika NN Andreeva** (Andreeva Institute) develops and manufactures equipment complexes for marine geological exploration and underwater security systems. Andreeva Institute has exhibited at trade shows run by the Russian Ministry of Defense.
- **Aktsionernoe Obshchestvo Stalepromyshlennaya Kompaniya** (Stalepromyshlennaya) manufactures steel bars and metal structures. Stalepromyshlennaya has served as a supplier for Russian government procurement contracts with U.S.-designated entities involved in missile production.
- **Aktsionernoe Obshchestvo Tambovskii Zavod Oktyabr** produces military electronics and focuses on both producing new products for Russian troops and repairing equipment previously supplied to Russian troops.
- **AO NPP Zvezda** develops aerospace products and in-flight refueling systems and sells military equipment.
- **AO Volzhskii Dizel Imeni Maminykh** (Volga Diesel) manufactures diesel and gas engines. Volga Diesel has exhibited equipment it at trade shows run by the Russian Ministry of Defense.
- **Armalit Joint Stock Company** (Armalit) specializes in the design, manufacture, and supply of valves for the shipbuilding industry. Armalit has exhibited at trade shows run by the

Russian Ministry of Defense.

- **ASF Development Limited Liability Company** (ASF) manufactures valves and robotic devices. ASF has exhibited at trade shows run by the Russian Ministry of Defense.
- **Auroratools Limited Liability Company** (Auroratools) manufactures machine tools. Auroratools has exhibited at trade shows run by the Russian Ministry of Defense.
- **Avtodom Ltd** manufactures special purpose vehicles and provides vehicles to Russia's Federal Security Service ([FSB](#)) and other Russian government security agencies.
- **Century of Technologies HTE Company Limited** supplies transportation and materials-handling equipment and serves as an official dealer of Russian manufacturers of lifting and handling equipment.
- **Closed Joint Stock Company Testron Association** produces non-destructive testing equipment used by various Russian defense industry enterprises.
- **Company Limited Komax** manufactures machine tools and assemblies and supplies industrial equipment, including equipment for a project to update the machine fleet for the repair shop of U.S.-designated [Public Joint Stock Company Severstal](#).
- **ETS Siberia** manufactures machine tools and supplies welding equipment and technology. ETS Siberia's welding equipment and technology have been used by the Russian Ministry of Defense.
- **GIT Sitems** manufactures instruments and appliances for measuring, testing, and navigation and high-tech equipment. GIT Sitems has participated in an exhibition organized by the Russian Ministry of Defense.
- **Joint Stock Company Berg AB** (Berg) wholesales bearings. Berg's customers include numerous U.S.-designated Russian defense companies, as well as equipment manufacturers involved in machine-building.
- **Joint Stock Company Cordiant** manufactures rubber products and supplies goods to the Russian military-industrial base.
- **Joint Stock Company Experimental Design and Technological Bureau Valday** produces optical devices, including night vision equipment and gun sights, and has supplied the Russian Ministry of Defense.
- **Joint Stock Company Yaroslavsky Experimental Machines Plant** develops and manufactures procurement and assembly equipment for the tire retreading industry. Its customers include the Russian Ministry of Defense and multiple U.S.-designated entities, including [Tactical Missiles Corporation JSC](#).

- **JSC FAB Rassvet** manufactures guided missiles and aerospace parts.
- **JSC Finval Energy** (Finval) partners with Russian manufacturers to provide industrial and spare parts. Finval sells machine tools from a plant that has supplied machine tools to Russian weapons manufacturers.
- **Kamskii Kabel** manufactures wires and cables for the aircraft and shipbuilding industries.
- **Khromos Engineering** manufactures devices, sensors, and equipment, including for the Russian Ministry of Defense.
- **Limited Liability Company Advanta M SPB** manufactures metal structures and products.
- **Limited Liability Company CNC Volga** is involved in the manufacturing of engines and machine tools and has imported horizontal lathes, machining centers, and milling machines.
- **Limited Liability Company Delaziya** supplies manufacturers with rare parts, raw materials, and other materials for production lines.
- **Limited Liability Company Elektroprofi** (Elektroprofi) supplies electrical equipment and has direct partnerships with Russian manufacturers. Elektroprofi's customers include a company in the Russian military-industrial base.
- **Limited Liability Company Energo Arsenal** manufactures and installs industrial lighting. Its customers include U.S.-designated defense companies [Irkutsk Aviation Plant](#), which produces fighter aircraft, and armored vehicle manufacturer [KAMAZ Publicly Traded Company](#) (KAMAZ).
- **Limited Liability Company Inzhiniringovyi Tsentri Po Osnashcheniyu Proizvodstva** (Engineering Center) manufactures tools and metal structures and repairs machinery and equipment. Engineering Center has supplied equipment to numerous U.S.-designated companies, including military engine producers [Public Joint Stock Company ODK Saturn](#) and [AO Proton PM](#).
- **Limited Liability Company Liontech S** manufactures equipment used for the production of complex electronic products and supplies equipment for the Russian defense industry.
- **Limited Liability Company Mapper** manufactures electron optic elements, micro-electro-mechanical systems, and other high-tech products.
- **Limited Liability Company Masheks Service** (Masheks Service) wholesales machine tools and repairs machinery. Masheks Service has conducted work for U.S.-designated, Russia-based [Joint Stock Company Karachev Plant Electrodetal](#), which develops wiring devices and electronic equipment.

- **Limited Liability Company Master RM** supplies and repairs office equipment, including laser printers, copiers, and other machinery.
- **Limited Liability Company Meehanite** (Meehanite) supplies metalworking equipment produced by Russian and non-Russian machine tool factories. Meehanite has contracted for U.S.-designated Tactical Missiles Corporation JSC.
- **Limited Liability Company Melytec Testing** (Melytec) wholesales special purpose machinery and machine tools, manufactures equipment and tools, and repairs equipment. Melytec has provided its products to U.S.-designated companies, including armored vehicle manufacturer KAMAZ.
- **Limited Liability Company Opytno Konstruktorskoe Byuro Sokol** (Sokol) manufactures computers. Sokol has developed first-person view (FPV) glasses that are designed to control an FPV drone when performing tasks in combat conditions.
- **Limited Liability Company PK Kompressor CHLB** wholesales machine tools and the repair of machinery.
- **Limited Liability Company Reolgreid Service** wholesales special purpose machinery, supplies equipment from non-Russian manufacturers, and repairs electronic, optical, and electrical equipment.
- **Limited Liability Company Research and Production Center Kropus PO** (Kropus) develops and supplies non-destructive testing tools. Kropus also specializes in the repair of electronic and optical equipment. Kropus' clients include U.S.-designated Russian defense companies such as [Public Joint Stock Company United Aircraft Corporation](#) and [Joint Stock Company Russian Helicopters](#).
- **Limited Liability Company Scientific Research Institute of Organic Technologies Inorganic Chemistry and Biotechnology** is a chemical manufacturer that supplies the Russian military-industrial base. Its partners include the U.S.-designated [State Scientific Research Institute of Organic Chemistry and Technology](#), a Russian institute that has worked on the development of Russia's chemical weapons.
- **Limited Liability Company STM** supplies laser cutting systems and pressing equipment, including to the U.S.-designated [Moscow State Technical University Named After N.E. Bauman](#).
- **Limited Liability Company Stroitelnye I Kommunalnye Tekhnologii** manufactures electric motors and power-driven tools.

- **Limited Liability Company TM Tech** manufactures metalworking equipment, supplies metalworking equipment from non-Russian manufacturers, and wholesales machine tools.
- **Limited Liability Company TSK Grandavto** manufactures spare parts and components for diesel engines and motor vehicles.
- **Limited Liability Company Vega OM** leases machinery, including to a Russian company that develops and produces engines for military use.
- **LLC Arsenal** distributes tools and equipment, partners with Russian manufacturing plants, and supplies the Russian government with components critical for weapons systems.
- **LLC Delion** is an electro-transport manufacturing plant that supplies U.S.-designated Russian defense companies.
- **Magnitogorskii Elektrodneyi Zavod (MEZ)** manufactures electrodes for manual electric arc welding. One of MEZ's clients is U.S.-designated strategic bomber designer and producer [Tupolev Public Joint Stock Company](#).
- **Metallotorgovaya Kompaniya Kraso** supplies and manufactures metal structures and reinforced concrete products. Its partners include U.S.-designated metals companies Public Joint Stock Company Severstal and [Publichnoe Aktsionernoe Obschestvo Magnitogorskiy Metallurgicheskiy Kombinat](#).
- **Nauchno Proizvodstvennoe Predpriyatie Irvis** manufactures in-pipe gas velocity sensors and other testing and measurement equipment. Its partners include the U.S.-designated [Federal State Budgetary Institution of Science Federal Research Center Kazan Scientific Center of the Russian Academy of Sciences](#).
- **Nauchno Proizvodstvennoe Predpriyatie TRIM SSHP Izmeritelnye Sistemy** manufactures testing and measurement equipment and has supplied numerous U.S.-designated Russian defense companies.
- **New Technologies** wholesales machinery, equipment, and machine tools and develops, designs, installs, and maintains equipment. It is involved in activities with U.S.-designated Russian defense companies Public Joint Stock Company United Aircraft Corporation, which produces Russian combat aircraft, and [Joint Stock Company Kazan Helicopters](#).
- **Oboron Holding LLC** sells testing and measurement equipment designed for military manufacturing processes, including equipment required for the development of Russian electronic warfare systems.
- **OOO BLM Sinerzhi (Sinerzhi)** sells industrial machinery, including balancing equipment used by U.S.-designated Russian defense conglomerate Rostec to develop military aircraft

engines. Sinerzhi has a license to develop and produce military equipment.

- **OOO DST Ural** manufactures bulldozers and other heavy vehicles, including a remote-controlled minesweeping vehicle used to support Russian operations in occupied Ukraine.
- **OOO Kolovrat** sells components for manufacturing equipment, including high-speed drills used by Russian advanced weapons manufacturers.
- **OOO KrasMK** serves as a dealer and representative of manufacturers and supplies machine tools, machinery, and industrial equipment. Its customers include U.S.-designated Russian defense companies involved in manufacturing UAVs and combat vessels.
- **OOO Nauchno Proizvodstvennaya Firma Avek** sells industrial equipment, including military-grade videoscopes.
- **Otkrytoe Aktsionernoe Obshchestvo Elektromashinostroitelnyi Zavod Velkont** produces microelectronics for enterprises engaged in arms production and manufactures electric motors for UAVs.
- **Pnevmoresurs LLC** manufactures equipment and machinery and repairs spare parts. Pnevmoresurs LLC has supplied items to multiple U.S.-designated Russian entities, including one of Russia's leading military-industrial chemical enterprises.
- **Pnevmoresurs** manufactures bearings and gears and repairs machinery and equipment.
- **Restart Limited Liability Company** (Restart) offers air-powered transport platforms that are widely used in shipbuilding and the manufacture of shipbuilding components. Restart has exhibited at trade shows run by the Russian Ministry of Defense.
- **Russkaya Mekhanika Joint Stock Company** manufactures off-road vehicles, including for the Russian Ministry of Defense.
- **Saint Petersburgs Aviation Repair Company ZAO** (SPB Aviation Repair) manufactures engines and engine systems. SPB Aviation Repair also offers support services such as the overhaul and maintenance of military helicopters.
- **Shpinner** manufactures fabricated metal products and has received Russian government procurement contracts, including from an entity associated with Russian missile development.
- **Smolenskoe Proizvodstvennoe Obyedinenie Analitpribor** is a research and production company engaged in the engineering and development of gas-analysis equipment, as well as the manufacture of weapons and ammunition.

- **Soldream SPB Limited** deals machine tools and other manufacturing equipment, including machines used by Russian defense companies.
- **Spets Prozhpekt Grupp** produces armored structures and protective equipment used by military units.
- **STD Radiks OOO** (Radiks) manufactures devices and instruments for navigation, control, measurement, and monitoring. Radiks has received thousands of contracts to supply a U.S.-designated Russian entity that makes lasers and other devices for Russia's military.
- **TD ESKO Limited** sells testing and measurement equipment designed for military manufacturing processes, including equipment required for the development of Russian electronic warfare systems.
- **Technobearing Limited Company** supplies bearings and other components for industrial equipment, including components used by Russian advanced weapons manufacturers.
- **TOS Varnsdorf Rus Co Ltd** manufactures horizontal boring machines and has received Russian government contracts, including for two U.S.-designated Russian missile defense production companies.
- **Vyatka Machine Tool Plant LLC** (Vyatka Machine Tool Plant) produces metalworking machines. Vyatka Machine Tool Plant's customers include a Russian missile manufacturer.
- **Zavod Goreltex Co Ltd** manufactures explosion-proof electrical equipment and sells its products to the defense industry.

The following persons are being designated pursuant to E.O. 14024 for operating or having operated in the aerospace sector of the Russian Federation economy:

- **AGM Systems LLC** manufactures mobile and airborne laser scanners for 3D terrain mapping and aerial photography for use on UAVs.
- **Area Joint Stock Company** develops autonomous unmanned complexes using artificial intelligence, including a target lock algorithm for one-way attack UAVs.
- **Center for Unmanned Systems of the Tula Region** manages a training center for UAV pilots, including those affiliated with the Russian Ministry of Defense, and also manufactures combat UAVs.
- **Joint Stock Company Aircraft Service Company** manufactures engines and other components for aircraft and missiles.
- **Joint Stock Company Engineering Center IKAR** (IKAR) designs and manufactures UAVs, including UAVs used by the Russian military in Ukraine.

- **Joint Stock Company Laserservice** manufactures aircraft and has been involved in international transactions for aircraft components and sensors on behalf of U.S.-designated defense company [Rosoboronexport JSC](#).
- **Joint Stock Company Moscow Scientific and Production Complex of Avionica O V Uspensky** manufactures avionics and flight control systems and has worked on Russian next-generation bomber aircraft.
- **Limited Liability Company Aeromaks** (Aeromaks) develops aerial surveillance and digital geo-information platforms. Aeromaks works with IKAR to manufacture UAVs.
- **Limited Liability Company Horizon Aero** develops UAVs, including a vertical takeoff and landing drone used by the Russian military in Ukraine for reconnaissance and fire adjustment.
- **Limited Liability Company JSC Unmanned Technologies** develops and provides UAVs and anti-drone guns to the Russian military for use in Ukraine.
- **Limited Liability Company KB Atamanova** develops combat UAVs used by the Russian military in Ukraine.
- **Limited Liability Company Konstruktorskoe Byuro Valkiriya** purchases UAVs from outside Russia and provides them to the Russian military.
- **Limited Liability Company Kriogenavia NN** provides spare parts for airfield equipment, including that belonging to designated Russian defense companies.
- **Limited Liability Company Molot Aero** manufactures combat UAVs.
- **Limited Liability Company Nebesnaya Mekhanika** wholesales UAVs purchased outside Russia and provides drones and equipment in support of Russia's invasion of Ukraine.
- **Limited Liability Company NPO Utesov**, a company based in Russia-occupied Ukraine, assembles and sells UAVs to pro-Russian militias operating in Ukraine.
- **Limited Liability Company Ptero** (Ptero) develops reconnaissance UAVs, including those used by the Russian military in Ukraine. Ptero has worked with Aeromaks on systems to track drones.
- **Limited Liability Company Russkaya Laboratoriya Vozdushnogo Transporta** develops UAVs, including attack UAVs.
- **Limited Liability Company Unmanned Technologies of Mordovia** develops combat UAVs.
- **Limited Liability Company Vozdushnyi Traktat** provides drones to pro-Russian militias in Ukraine.

SANCTIONS IMPLICATIONS

As a result of today's action, all property and interests in property of the persons above that are in the United States or in the possession or control of U.S. persons are blocked and must be reported to OFAC. In addition, any entities that are owned, directly or indirectly, 50 percent or more by one or more blocked persons are also blocked. All transactions by U.S. persons or within (or transiting) the United States that involve any property or interests in property of designated or blocked persons are prohibited unless authorized by a general or specific license issued by OFAC, or exempt. These prohibitions include the making of any contribution or provision of funds, goods, or services by, to, or for the benefit of any blocked person and the receipt of any contribution or provision of funds, goods, or services from any such person. Non-U.S. persons are also prohibited from causing or conspiring to cause U.S. persons to wittingly or unwittingly violate U.S. sanctions, as well as from engaging in conduct that evades U.S. sanctions. OFAC's [Economic Sanctions Enforcement Guidelines](#) provide more information regarding OFAC's enforcement of U.S. sanctions, including the factors that OFAC generally considers when determining an appropriate response to an apparent violation.

In addition, foreign financial institutions that conduct or facilitate significant transactions or provide any service involving Russia's military-industrial base run the risk of being sanctioned by OFAC. For additional guidance, please see the [updated OFAC advisory](#), "Updated Guidance for Foreign Financial Institutions on OFAC Sanctions Authorities Targeting Support to Russia's Military-Industrial Base," as well as OFAC Frequently Asked Questions (FAQs) [1146-1157](#).

The power and integrity of OFAC sanctions derive not only from OFAC's ability to designate and add persons to the SDN List, but also from its willingness to remove persons from the SDN List consistent with the law. The ultimate goal of sanctions is not to punish, but to bring about a positive change in behavior. For information concerning the process for seeking removal from an OFAC list, including the SDN List, please refer to [OFAC's Frequently Asked Question 897 here](#). [For detailed information on the process to submit a request for removal from an OFAC sanctions list, please click here.](#)

Any persons included on the SDN List pursuant to E.O. 14024 may be subject to additional export restrictions administered by the Department of Commerce, Bureau of Industry and Security (BIS).

[For identifying information on the individuals and entities sanctioned today, click here.](#)

