

Prospectus Supplement No. 8
(to prospectus dated November 4, 2021)



Mirion Technologies, Inc.

Up to 8,560,540 Shares of our Class A Common Stock Issuable upon Redemption of Shares of IntermediateCo Class B Common Stock

Up to 27,249,979 Shares of our Class A Common Stock Issuable upon Exercise of Warrants 152,157,565 Shares of our Class A Common Stock for Resale by the Selling Holders

This prospectus supplement is being filed to update and supplement the information contained in the prospectus dated November 4, 2021 (the “Prospectus”), which forms part of our registration statement on Form S-1 (No. 333-260528) with the information contained in our Current Report on Form 8-K, filed with the Securities and Exchange Commission (the “SEC”) on March 8, 2022 (the “Current Report”). Accordingly, we have attached the Current Report to this prospectus supplement.

The Prospectus and this prospectus supplement relate to: (1) the issuance by us of up to an aggregate of 35,810,519 shares of Class A common stock, par value \$0.0001 per share (“Class A common stock”), of Mirion Technologies, Inc. (the “Company”) that may be issued upon (i) the exercise of 27,249,979 warrants to purchase Class A common stock at an exercise price of \$11.50 per share of Class A common stock, including the public warrants and the private placement warrants (each as defined in the Prospectus), and (ii) the redemption of up to 8,560,540 shares of Class B common stock, par value \$0.0001 per share (the “IntermediateCo Class B common stock”), of Mirion IntermediateCo, Inc. (“IntermediateCo”); and (2) the offer and sale, from time to time, by the selling holders identified in the Prospectus (the “Selling Holders”), or their permitted transferees, of up to 152,157,565 shares of Class A common stock.

This prospectus supplement updates and supplements the information in the Prospectus and is not complete without, and may not be delivered or utilized except in combination with, the Prospectus, including any amendments or supplements thereto. This prospectus supplement should be read in conjunction with the Prospectus and if there is any inconsistency between the information in the Prospectus and this prospectus supplement, you should rely on the information in this prospectus supplement. Terms used in this prospectus supplement but not defined herein shall have the meanings given to such terms in the Prospectus.

You should read the Prospectus, this prospectus supplement and any additional prospectus supplement or amendment carefully before you invest in our securities. Our Class A common stock and public warrants are listed on The New York Stock Exchange under the symbols “MIR” and “MIR WS,” respectively. On March 7, 2022, the

closing price of our Class A common stock was \$8.17 per share and the closing price for our public warrants was \$1.78 per warrant.

Investing in our Class A common stock and warrants involves a high degree of risk. See the section titled “Risk Factors” beginning on page 10 of the Prospectus and in any applicable prospectus supplement.

Neither the SEC nor any other state securities commission has approved or disapproved of these securities or passed on the adequacy or accuracy of the Prospectus or this prospectus supplement. Any representation to the contrary is a criminal offense.

March 8, 2022

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

FORM 8-K

**CURRENT REPORT
PURSUANT TO SECTION 13 OR 15(d) OF
THE SECURITIES EXCHANGE ACT OF 1934**

Date of Report (date of earliest event reported): March 8, 2022

Mirion Technologies, Inc.
(Exact Name of Registrant as Specified in Its Charter)

Delaware
(State or Incorporation)

001-39352
(Commission File Number)

83-0974996
(I.R.S. Employer
Identification Number)

1218 Menlo Drive
Atlanta, Georgia
30318
(Address of Principal Executive Offices)

(770) 432-2744
(Registrant's telephone number, including area code)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Class A common stock, \$0.0001 par value per share	MIR	New York Stock Exchange
Redeemable warrants to purchase Class A common stock	MIR WS	New York Stock Exchange

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 8.01 Other Events

The United States, the European Union, the United Kingdom and other governments have implemented major trade and financial sanctions against Russia and related parties in response to Russia's invasion of Ukraine. Mirion does business with Russian customers both within and outside of Russia and with customers who have contracts with Russian counterparties. While we have not received any cancellation notices as of the date of this report, we expect that certain projects involving Russian counterparties may be subject to delays or in the worst case, cancellations. We maintain strategic relationships with all the nuclear reactor developers around the world and stand ready to fulfill our critical role in the safety of nuclear facilities, regardless of the source of the technology.

For the 12 months ending December 31, 2022 and for subsequent years, we expected to derive approximately 5% of our revenue from Russian customers and projects involving Russian counterparties and technology, much of which is reflected in our backlog. In addition, we have received advanced payment for certain projects and Russian customers may seek to recover these payments.

We are also evaluating significant opportunities in the defense and homeland security sector. We will continue to evaluate the impact on our guidance and will provide an update in conjunction with the announcement of our first quarter results.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: March 8, 2022

Mirion Technologies, Inc.

By: /s/ Brian Schopfer
Name: Brian Schopfer
Title: Chief Financial Officer

[Signature Page to Current Report on Form 8-K]