

**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): December 31, 2024

**ARTIFICIAL INTELLIGENCE TECHNOLOGY SOLUTIONS
INC.**

(Exact name of registrant as specified in its charter)

Nevada

(State or other jurisdiction
of incorporation)

000-55079

(Commission
File Number)

27-2343603

(IRS Employer
Identification No.)

**10800 Galaxie Avenue
Ferndale, MI 48220**

(Address of principal executive offices)

(877) 787-6268

(Registrant's telephone number, including area code)

Not Applicable

(Former name or former address, if changed since last report.)

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
N/A	N/A	N/A

When used in this Current Report on Form 8-K, unless otherwise indicated, the terms the “Company,” “our,” or “we” refer to Artificial Intelligence Technology Solutions Inc. and its subsidiaries.

Item 8.01 Other Events

On December 31, 2024, we will be issuing a press release titled “AITX’s 2024 Review Sets Up 2025 For Continued Strong Growth & Profitability”, which press release is attached hereto as Exhibit 99.1.

The information in this Current Report on Form 8-K with respect to Item 8.01 (including the press release attached hereto as Exhibit 99.1) is being furnished pursuant to Item 8.01 of Form 8-K and shall not be deemed to be “filed” for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended (“Exchange Act”), or otherwise subject to the liabilities of that section, nor shall it be deemed to be incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act. This current report on Form 8-K (including Exhibit 99.1) will not be deemed an admission as to the materiality of any information contained herein.

ITEM 9.01. EXHIBITS

Exhibit No.	Description
99.1	December 31, 2024 Press Release
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)

SIGNATURES

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: December 31, 2024

**ARTIFICIAL INTELLIGENCE TECHNOLOGY
SOLUTIONS INC.**

/s/ Steven Reinharz

Name: Steven Reinharz

Title: Chief Executive Officer
