FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| 1. Name and Addre Niv Israel | ss of Reporting Per | son* | 2. Issuer Name and Ticker or Trading Symbol ACTELIS NETWORKS INC [ASNS] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | | | | | | |
|---------------------------------|---------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--|--|--|--|--|--|--|
| (Last) | (, | | 3. Date of Earliest Transaction (Month/Day/Year) 05/17/2023 | - X Director 10% Owner Officer (give title Other (specify below) below) | | | | | | | |
| 4039 CLIPPER COURT | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 6. Individual or Joint/Group Filing (Check Applicable Line) | | | | | | | |
| (Street) | СА | 94538 | | X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | | | | |
| | 011 | 71550 | Rule 10b5-1(c) Transaction Indication | | | | | | | | |
| (City) | (State) | (Zip) | Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10. | | | | | | | | |

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 3. Transaction Code (Instr. 8) | | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) | | | Securities Beneficially Owned | Form: Direct (D) or Indirect (I) (Instr. 4) | Beneficial Ownership |
|----------------------------------|--------------------------------------------|-----------------------------------------|---|----------------------------------------------------------------------|---------------|--------|----------------------------------|---------------------------------------------------|-------------------------|
| | | Code | v | Amount | (A) or (D) | Price | (Instr. 3 and 4) | | (Instr. 4) |
| Common stock, par value \$0.0001 | 05/17/2023 | S | | 422(1) | D | \$3.32 | 67,218 | D | |

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | Transaction Code (Instr. 8) | | Derivative | | (Month/Day/Year) | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--------------------------------------------------|-----------------------------------------------------------------------|--------------------------------------------|-------------------------------------------------------------|-----------------------------------|---|------------|-----|---------------------|--------------------|--------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------------------|
| | | | | Code | v | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | Transaction(s) (Instr. 4) | | |

Explanation of Responses:

1. The sale reported on this Form 4 represents shares sold by the Reporting Person to cover tax withholding obligations in connection with the vesting and settlement of Restricted Stock Units ("RSUs"). The sale is mandated by the Issuer's election to require the satisfaction of tax withholding obligations to be funded by a "sell to cover" transaction and does not represent a discretionary transaction by the Reporting Person.

| /s/ Israel Niv | |
|----------------------------------|--|
| ** Signature of Reporting Person | |

05/18/2023 Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

 * If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

OMB APPROVAL