

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

| | | | |
|--|---|---|---|
| 1. Name and Address of Reporting Person * Mulder Fred J. (Last) (First) (Middle) 280 AVENUE DES CRETES (Street) LES ISSAMBRES, IO 83380 (City) (State) (Zip) | 2. Date of Event Requiring Statement (Month/Day/Year) 08/13/2015 | 3. Issuer Name and Ticker or Trading Symbol DUOS TECHNOLOGIES GROUP, INC. [DUOT] | 5. If Amendment, Date Original Filed (Month/Day/Year) |
| | | 4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) | |

Table I - Non-Derivative Securities Beneficially Owned

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---|---|--|---|
| Common Stock, Par Value \$0.001 per share | 381,206 | D | |

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

SEC 1473 (7-02)

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 control number.

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

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5) | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|-----------------|---|----------------------------|--|---|---|
| | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| Mulder Fred J. 280 AVENUE DES CRETES LES ISSAMBRES, IO 83380 | X | | | |

Signatures

| | |
|--|---------------------|
| Alfred J. Mulder | 04/13/2016 |
| <small>Signature of Reporting Person</small> | <small>Date</small> |

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(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).

Remarks:

Shares were acquired as a result of the merger with Duos Technologies, Inc. and Duos Technologies Group, Inc., f/k/a Information Systems Associates.

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

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