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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

**SCHEDULE 13D**

**Under the Securities Exchange Act of 1934  
(Amendment No. 4)\***

Cartesian, Inc.  
(Name of Issuer)

Common Stock, \$.005 par value per share  
(Title of Class of Securities)

561693 10 2  
(CUSIP Number)

Benjamin Keiser  
**Elutions, Inc.**  
601 East Twiggs Street  
Tampa, Florida 33602  
(813) 419-5500

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

December 4, 2017  
(Date of Event Which Requires Filing of This Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of Rules 13d-1(e), 13d-1(f) or 13d-1(g), check the following box.

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Rule 13d-7 for other parties to whom copies are to be sent.

\* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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CUSIP No. 561693102

<b>1</b>	NAMES OF REPORTING PERSONS	
	<b>Elutions, Inc.</b>	
<b>2</b>	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)	(a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>
<b>3</b>	SEC USE ONLY	
<b>4</b>	SOURCE OF FUNDS (SEE INSTRUCTIONS)	
	<b>WC, AF (see Item 3)</b>	
<b>5</b>	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e)	
	<b>Not Applicable</b>	
<b>6</b>	CITIZENSHIP OR PLACE OF ORGANIZATION	
	<b>Delaware</b>	
	<b>NUMBER OF</b>	<b>7</b>
	<b>SHARES</b>	<b>0</b>
	<b>BENEFICIALLY</b>	<b>8</b>
	<b>OWNED BY EACH</b>	<b>1,685,586</b>
	<b>REPORTING</b>	<b>9</b>
	<b>PERSON</b>	<b>0</b>
	<b>WITH</b>	<b>10</b>
		<b>1,685,586</b>
<b>11</b>	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	<b>1,685,586</b>	
<b>12</b>	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)	
	<b>Not Applicable</b>	
<b>13</b>	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)	
	<b>16.0% (see Item 5)</b>	
<b>14</b>	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)	
	<b>CO</b>	

CUSIP No. 561693102

<b>1</b>	NAMES OF REPORTING PERSONS	
	<b>Engage Networks, Inc.</b>	
<b>2</b>	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)	(a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>
<b>3</b>	SEC USE ONLY	
<b>4</b>	SOURCE OF FUNDS (SEE INSTRUCTIONS)	
	<b>AF (see Item 3)</b>	
<b>5</b>	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e)	
	<b>Not Applicable</b>	
<b>6</b>	CITIZENSHIP OR PLACE OF ORGANIZATION	
	<b>Delaware</b>	
<b>NUMBER OF</b>	<b>7</b>	<b>SOLE VOTING POWER</b>
<b>SHARES</b>		<b>0</b>
<b>BENEFICIALLY</b>	<b>8</b>	<b>SHARED VOTING POWER</b>
<b>OWNED BY EACH</b>		<b>1,685,586</b>
<b>REPORTING</b>	<b>9</b>	<b>SOLE DISPOSITIVE POWER</b>
<b>PERSON</b>		<b>0</b>
<b>WITH</b>	<b>10</b>	<b>SHARED DISPOSITIVE POWER</b>
		<b>1,685,586</b>
<b>11</b>	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	<b>1,685,586</b>	
<b>12</b>	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)	
	<b>Not Applicable</b>	
<b>13</b>	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)	
	<b>16.0% (see Item 5)</b>	
<b>14</b>	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)	
	<b>CO, HC</b>	

CUSIP No. 561693102

<b>1</b>	NAMES OF REPORTING PERSONS	
	<b>Astra Family Holdings, LLC</b>	
<b>2</b>	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)	(a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>
<b>3</b>	SEC USE ONLY	
<b>4</b>	SOURCE OF FUNDS (SEE INSTRUCTIONS)	
	<b>AF (see Item 3)</b>	
<b>5</b>	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e)	
	<b>Not Applicable</b>	
<b>6</b>	CITIZENSHIP OR PLACE OF ORGANIZATION	
	<b>Delaware</b>	
<b>NUMBER OF</b>	<b>7</b>	<b>SOLE VOTING POWER</b>
<b>SHARES</b>		<b>0</b>
<b>BENEFICIALLY</b>	<b>8</b>	<b>SHARED VOTING POWER</b>
<b>OWNED BY EACH</b>		<b>1,685,586</b>
<b>REPORTING</b>	<b>9</b>	<b>SOLE DISPOSITIVE POWER</b>
<b>PERSON</b>		<b>0</b>
<b>WITH</b>	<b>10</b>	<b>SHARED DISPOSITIVE POWER</b>
		<b>1,685,586</b>
<b>11</b>	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	<b>1,685,586</b>	
<b>12</b>	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)	
	<b>Not Applicable</b>	
<b>13</b>	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)	
	<b>16.0% (see Item 5)</b>	
<b>14</b>	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)	
	<b>OO, HC</b>	

CUSIP No. 561693102

<b>1</b>	NAMES OF REPORTING PERSONS	
	<b>Leventi Irrevocable Trust</b>	
<b>2</b>	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)	(a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>
<b>3</b>	SEC USE ONLY	
<b>4</b>	SOURCE OF FUNDS (SEE INSTRUCTIONS)	
	<b>AF (see Item 3)</b>	
<b>5</b>	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e)	
	<b>Not Applicable</b>	
<b>6</b>	CITIZENSHIP OR PLACE OF ORGANIZATION	
	<b>Wisconsin</b>	
<b>NUMBER OF</b>	<b>7</b>	<b>SOLE VOTING POWER</b>
<b>SHARES</b>		<b>0</b>
<b>BENEFICIALLY</b>	<b>8</b>	<b>SHARED VOTING POWER</b>
<b>OWNED BY EACH</b>		<b>1,685,586</b>
<b>REPORTING</b>	<b>9</b>	<b>SOLE DISPOSITIVE POWER</b>
<b>PERSON</b>		<b>0</b>
<b>WITH</b>	<b>10</b>	<b>SHARED DISPOSITIVE POWER</b>
		<b>1,685,586</b>
<b>11</b>	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	<b>1,685,586</b>	
<b>12</b>	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)	
	<b>Not Applicable</b>	
<b>13</b>	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)	
	<b>16.0% (see Item 5)</b>	
<b>14</b>	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)	
	<b>OO</b>	

CUSIP No. 561693102

<b>1</b>	NAMES OF REPORTING PERSONS	
	<b>William Doucas</b>	
<b>2</b>	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)	(a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>
<b>3</b>	SEC USE ONLY	
<b>4</b>	SOURCE OF FUNDS (SEE INSTRUCTIONS)	
	<b>AF (see Item 3)</b>	
<b>5</b>	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e)	
	<b>Not Applicable</b>	
<b>6</b>	CITIZENSHIP OR PLACE OF ORGANIZATION	
	<b>United States of America</b>	
<b>NUMBER OF</b>	<b>7</b>	<b>SOLE VOTING POWER</b>
<b>SHARES</b>		<b>0</b>
<b>BENEFICIALLY</b>	<b>8</b>	<b>SHARED VOTING POWER</b>
<b>OWNED BY EACH</b>		<b>1,685,586</b>
<b>REPORTING</b>	<b>9</b>	<b>SOLE DISPOSITIVE POWER</b>
<b>PERSON</b>		<b>0</b>
<b>WITH</b>	<b>10</b>	<b>SHARED DISPOSITIVE POWER</b>
		<b>1,685,586</b>
<b>11</b>	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	<b>1,685,586</b>	
<b>12</b>	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)	
	<b>Not Applicable</b>	
<b>13</b>	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)	
	<b>16.0% (see Item 5)</b>	
<b>14</b>	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)	
	<b>IN</b>	

CUSIP No. 561693102

<b>1</b>	NAMES OF REPORTING PERSONS	
	<b>Elizabeth Doucas</b>	
<b>2</b>	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)	(a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>
<b>3</b>	SEC USE ONLY	
<b>4</b>	SOURCE OF FUNDS (SEE INSTRUCTIONS)	
	<b>AF (see Item 3)</b>	
<b>5</b>	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e)	
	<b>Not Applicable</b>	
<b>6</b>	CITIZENSHIP OR PLACE OF ORGANIZATION	
	<b>United States of America</b>	
	<b>NUMBER OF</b>	<b>7</b>
	<b>SHARES</b>	<b>0</b>
	<b>BENEFICIALLY</b>	<b>8</b>
	<b>OWNED BY EACH</b>	<b>1,685,586</b>
	<b>REPORTING</b>	<b>9</b>
	<b>PERSON</b>	<b>0</b>
	<b>WITH</b>	<b>10</b>
		<b>1,685,586</b>
<b>11</b>	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	<b>1,685,586</b>	
<b>12</b>	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)	
	<b>Not Applicable</b>	
<b>13</b>	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)	
	<b>16.0% (see Item 5)</b>	
<b>14</b>	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)	
	<b>IN</b>	

**Explanatory Note:**

Items 2, 4, 5 and 7 of the statement on Schedule 13D originally filed with the Securities and Exchange Commission by Elutions, Inc., Engage Networks, Inc., Astra Family Holdings, LLC, Leventi Irrevocable Trust, William Doucas and Elizabeth Doucas on March 7, 2014, as amended on March 19, 2014, May 22, 2014 and June 23, 2014 (as amended, the "Schedule 13D"), relating to the common stock, \$.005 par value per share ("Common Stock") of Cartesian, Inc. (f/k/a The Management Network Group, Inc.) (the "Issuer"), are hereby amended to the extent hereinafter expressly set forth. Unless otherwise indicated, all capitalized terms used herein shall have the meanings given to them in the Schedule 13D.

**Item 2. Identity and Background**

Item 2 of the Schedule 13D is hereby amended by replacing Schedule I thereto with Schedule I attached hereto, which Schedule I is incorporated by reference herein.

**Item 4. Purpose of Transaction**

Item 4 of the Schedule 13D is hereby deleted and replaced in its entirety with the following:

"The Reporting Persons are actively monitoring their investment in the Issuer. In this regard, Elutions has engaged in and intends to continue to engage in discussions consistent with the terms of the Investment Agreement between Elutions and the Issuer with the Issuer's management and board of directors, other stockholders of the Issuer and other interested parties about the governance and board composition, management, business, operations, cost structure, capitalization and capital structure, financial condition, strategic plans and the future of the Issuer.

In addition, Elutions has informed the Issuer that it intends to explore the possibility of a transaction with the Issuer that would give Elutions, alone or together with other parties, the ability to control the board and management of the Issuer. Toward that end, Elutions intends to have exploratory discussions with the Issuer and other persons, including but not limited to other stockholders, about potential transactions with the Issuer that may involve additional debt or equity investments by Elutions in the Issuer, the restructuring of Elutions existing debt investment or the terms of its Warrants, amendments to the existing co-marketing agreement between Elutions and the Issuer, a combination of such transactions, or other strategic transactions involving Elutions and the Issuer. There can be no assurance that there will be any such transaction, of the structure or terms of any such transaction or the time that it could take to determine whether or not there will be any such transaction, and the Reporting Persons reserve the right to change their intention with respect to any and all matters referred to in this Item 4 at any time.

Without limiting the above, depending upon a variety of factors, including the outcome of the discussions referenced above and actions taken by the board of directors and management of the Issuer, the Reporting Persons may, in their sole discretion, consider, formulate and implement various plans or proposals that relate to or would constitute or result in any of the actions or effects described in Items 4(a) through (j) of Schedule 13D."

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**Item 5. Interest in Securities of the Issuer.**

Items 5(a), (b) and (c) of the Schedule 13D are hereby deleted and replaced in their entirety with the following:

“(a) and (b) As of December 4, 2017, Elutions owned the 609,756 Closing Shares and held all of the rights under the Tracking Warrant and the Incentive Warrant. Under the definition of “beneficial ownership” as set forth in Rule 13d-3 under the Securities Exchange Act of 1934, as amended, each of the Reporting Persons may be deemed to have shared power to vote, direct the vote, dispose of or direct the disposition of (and therefore beneficially own) the 609,756 Closing Shares, the 996,544 shares of Common Stock subject to the Tracking Warrant and 79,286 shares of Common Stock subject to the Incentive Warrant and for which the vesting terms have been satisfied. The Closing Shares together with the shares subject to the Tracking Warrant and the vested shares subject to the Incentive Warrant represent approximately 16.0% of the outstanding Common Stock of the Issuer, based on 9,447,069 shares of Common Stock outstanding as of October 28, 2017, as disclosed by the Issuer in its Quarterly Report on Form 10-Q, filed with the Securities and Exchange Commission on November 13, 2017, plus the shares subject to the Tracking Warrant and the vested shares subject to the Incentive Warrant. Accordingly, the percentage of outstanding shares of Common Stock that may be beneficially owned by each Reporting Person is approximately 16.0%.

To the knowledge of the Reporting Persons, none of the Schedule I Persons (other than Elizabeth Doucas and William Doucas as described above) beneficially owns any Common Stock except as set forth on Schedule I attached hereto.

(c) None of the Reporting Persons, nor, to the knowledge of the Reporting Persons, any of the Schedule I Persons, has engaged in any transactions in the Common Stock during the past 60 days.”

**Item 7. Material to be Filed as Exhibits.**

Item 7 of Schedule 13D is hereby amended and supplemented by adding the following exhibits herewith:

<u>Exhibit No.</u>	<u>Exhibit Name</u>
99.13	Joint Filing Agreement, dated December 4, 2017, among Elutions, Engage Networks, Astra Holdings, the Leventi Trust, William Doucas and Elizabeth Doucas

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**SIGNATURE**

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: December 4, 2017

**ELUTIONS, INC.**

By: /s/ William Doucas

Name: William Doucas

Title: Chairman

**ENGAGE NETWORKS, INC.**

By: /s/ William Doucas

Name: William Doucas

Title: Director

**ASTRA FAMILY HOLDINGS, LLC**

By: /s/ Elizabeth Doucas

Name: Elizabeth Doucas

Title: Manager

**LEVENTI IRREVOCABLE TRUST**

By: /s/ Elizabeth Doucas

Name: Elizabeth Doucas

Title: Trustee

/s/ William Doucas

William Doucas

/s/ Elizabeth Doucas

Elizabeth Doucas

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### Schedule I

Set forth below are the names, business addresses and present principal occupations of the directors and executive officers of Elutions and Engage Networks and the manager of Astra Holdings. Unless otherwise indicated, the present principal occupation of each person is with Elutions. The business address of each person is 601 Twiggs Street, Tampa, Florida 33602. Unless otherwise indicated, all of the persons listed below are citizens of the United States of America. To the best knowledge of the Reporting Persons, except as set forth below, none of the persons listed below beneficially owns any shares of Common Stock of the Issuer.

#### Directors and Executive Officers of Elutions:

<u>Name</u>	<u>Title/ Principal Occupation</u>	<u>Stock Ownership</u>	<u>Citizenship</u>
William P. Doucas*	Chairman and Chief Executive Officer		
Christopher Voss*	Chief Financial Officer		
Nitin Ranjan	Chief Technology Officer	2,335	India
William P. Doucas	Chief Commercial Officer		
Paul W. Doucas III	Chief Operating Officer		

*\* Member of the Board of Directors*

#### Directors and Executive Officers of Engage Networks:

<u>Name</u>	<u>Title</u>	<u>Principal Occupation</u>	<u>Stock Ownership</u>	<u>Citizenship</u>
Elizabeth Doucas*	Director	Director of Engage Networks		
William P. Doucas*	Chairman	Chairman and Chief Executive Officer of Elutions		
Christopher Voss	Vice President, Secretary and Treasurer	Chief Financial Officer of Elutions		

*\* Member of the Board of Directors*

#### Manager of Astra Holdings:

<u>Name</u>	<u>Title</u>	<u>Principal Occupation</u>	<u>Stock Ownership</u>	<u>Citizenship</u>
Elizabeth Doucas	Manager	Director of Engage Networks		

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**EXHIBIT INDEX**

<b>Exhibit No.</b>	<b>Exhibit Name</b>
99.13	Joint Filing Agreement, dated December 4, 2017, among Elutions, Engage Networks, Astra Holdings, the Leventi Trust, William Doucas and Elizabeth Doucas

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**Joint Filing Agreement**

The undersigned agree that the foregoing Amendment No. 4 to the statement on Schedule 13D, dated December 4, 2017, is being filed with the Securities and Exchange Commission on behalf of each of the undersigned pursuant to Rule 13d-1(k).

Dated: December 4, 2017

**ELUTIONS, INC.**

By: /s/ William Doucas  
Name: William Doucas  
Title: Chairman

**ENGAGE NETWORKS, INC.**

By: /s/ William Doucas  
Name: William Doucas  
Title: Director

**ASTRA FAMILY HOLDINGS, LLC**

By: /s/ Elizabeth Doucas  
Name: Elizabeth Doucas  
Title: Manager

**LEVENTI IRREVOCABLE TRUST**

By: /s/ Elizabeth Doucas  
Name: Elizabeth Doucas  
Title: Trustee

/s/ William Doucas  
William Doucas

/s/ Elizabeth Doucas  
Elizabeth Doucas

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