MATRIX SERVICE CO Form SC 13G January 23, 2007

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
Schedule 13G
Under the Securities Exchange Act of 1934
(New)
MATRIX SERVICE CO
(Name of Issuer)
Common Stock
(Title of Class of Securities)
576853105
(CUSIP Number)
December 31, 2006
(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

[X] Rule 13d-1(b)

*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 the disclosures provided in a prior page.

The information required in 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).

CUSI	IP No.	576853105
(1)	I.R.S. 1	eporting Persons. Identification Nos. of above persons (entities only). S GLOBAL INVESTORS, NA., 943112180
(a)	Check the ap	opropriate box if a member of a Group*
(3)	SEC Use Only	
(4)	Citizenship U.S.A.	or Place of Organization

<pre>(6) Shared Voting Power </pre>
<pre>(7) Sole Dispositive Power</pre>
Reporting Person 9) Excludes Certain Shares* Row (9)
9) Excludes Certain Shares* Row (9)
Row (9)
sons (entities only).
Group*
(5) Sole Voting Power 349,232
(6) Shared Voting Power -
(7) Sole Dispositive Power 349,232
(8) Shared Dispositive Power
Reporting Person

<pre>(11) Percent of Class Represented by Amou</pre>	nt in Row (9)
(12) Type of Reporting Person* IA	
CUSIP No. 576853105	
(1) Names of Reporting Persons. I.R.S. Identification Nos. of abo	ve persons (entities only).
BARCLAYS GLOBAL INVESTORS, LTD	
<pre>(2) Check the appropriate box if a member (a) / / (b) /X/</pre>	of a Group*
(3) SEC Use Only	
(4) Citizenship or Place of Organization England	
Number of Shares Beneficially Owned	(5) Sole Voting Power _
by Each Reporting Person With	(6) Shared Voting Power -
	(7) Sole Dispositive Power -
	(8) Shared Dispositive Power -
(9) Aggregate -	
(10) Check Box if the Aggregate Amount in	Row (9) Excludes Certain Shares*
(11) Percent of Class Represented by Amou 0.00%	nt in Row (9)
(12) Type of Reporting Person* BK	
CUSIP No. 576853105	
<pre>(1) Names of Reporting Persons. I.R.S. Identification Nos. of abo</pre>	ve persons (entities only).

BARCLAYS GLOBAL INVESTORS JAPAN TRUST AND BANKING COMPANY LIMITED

_____ _____ (2) Check the appropriate box if a member of a Group* (a) / / (b) /X/ _____ _____ (3) SEC Use Only _____ (4) Citizenship or Place of Organization Japan _____ _____ Number of Shares (5) Sole Voting Power Beneficially Owned _ by Each Reporting _____ Person With (6) Shared Voting Power _____ (7) Sole Dispositive Power _ _____ (8) Shared Dispositive Power _ _____ (9) Aggregate _ _____ (10) Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares* _____ (11) Percent of Class Represented by Amount in Row (9) 0.00% _____ (12) Type of Reporting Person* BK _____ CUSIP No. 576853105 _____ _____ (1) Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only). BARCLAYS GLOBAL INVESTORS JAPAN LIMITED _____ (2) Check the appropriate box if a member of a Group* (a) / / (b) /X/ _____ (3) SEC Use Only _____ (4) Citizenship or Place of Organization Japan _____ _____ Number of Shares (5) Sole Voting Power Beneficially Owned _____ by Each Reporting Person With (6) Shared Voting Power

(8) Shared Dispositive Powe	:
(9) Aggregate -	·
(10) Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares*	
<pre>(11) Percent of Class Represented by Amount in Row (9)</pre>	
(12) Type of Reporting Person* IA	
ITEM 1(A). NAME OF ISSUER MATRIX SERVICE CO	

ITEM 1(B)). ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES 10701 E UTE ST TULSA, OK 74116-1517
). NAME OF PERSON(S) FILING BARCLAYS GLOBAL INVESTORS, NA
). ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE 45 Fremont Street San Francisco, CA 94105
ITEM 2(C)). CITIZENSHIP U.S.A
ITEM 2(D)). TITLE OF CLASS OF SECURITIES Common Stock
ITEM 2(E)). CUSIP NUMBER 576853105
OR 13D-2 (a) // H	IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), (B), CHECK WHETHER THE PERSON FILING IS A Broker or Dealer registered under Section 15 of the Act (15 U.S.C. 780).
(c) // :	Bank as defined in section 3(a) (6) of the Act (15 U.S.C. 78c). Insurance Company as defined in section 3(a) (19) of the Act (15 U.S.C. 78c).
	Investment Company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
(f) // H	Investment Adviser in accordance with section 240.13d(b)(1)(ii)(E). Employee Benefit Plan or endowment fund in accordance with section 240.13d-1(b)(1)(ii)(F).
-	Parent Holding Company or control person in accordance with section 240.13d-1(b)(1)(ii)(G).
	A savings association as defined in section 3(b) of the Federal Deposit

<pre>Insurance Act (12 U.S.C. 1813). i) // A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15U.S.C. 80a-3). j) // Group, in accordance with section 240.13d-1(b)(1)(ii)(J)</pre>		
ITEM 1(A). MATRIX :	NAME OF ISSUER SERVICE CO	
ITEM 1(B).	ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES 10701 E UTE ST TULSA, OK 74116-1517	
ITEM 2(A).	NAME OF PERSON(S) FILING BARCLAYS GLOBAL FUND ADVISORS	
ITEM 2(B).	ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE 45 Fremont Street San Francisco, CA 94105	
ITEM 2(C).	CITIZENSHIP U.S.A	
ITEM 2(D).	TITLE OF CLASS OF SECURITIES Common Stock	
ITEM 2(E).	CUSIP NUMBER 576853105	
<pre>(a) // Broker of</pre>	<pre>IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), ECK WHETHER THE PERSON FILING IS A or Dealer registered under Section 15 of the Act .C. 78o). defined in section 3(a) (6) of the Act (15 U.S.C. 78c). ce Company as defined in section 3(a) (19) of the Act .C. 78c). ent Company registered under section 8 of the Investment Act of 1940 (15 U.S.C. 80a-8). ent Adviser in accordance with section 240.13d(b)(1)(ii)(E). e Benefit Plan or endowment fund in accordance with section -1(b)(1)(ii)(F). Holding Company or control person in accordance with section -1(b)(1)(ii)(G). gs association as defined in section 3(b) of the Federal Deposit ce Act (12 U.S.C. 1813). n plan that is excluded from the definition of an investment under section 3(c)(14) of the Investment Company Act of 1940 C. 80a-3). in accordance with section 240.13d-1(b)(1)(ii)(J) NAME OF ISSUER MATRIX SERVICE CO</pre>	
ITEM 1(B).	ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES 10701 E UTE ST TULSA, OK 74116-1517	
	NAME OF PERSON(S) FILING BARCLAYS GLOBAL INVESTORS, LTD	

ITEM 2(B).	ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE Murray House 1 Royal Mint Court LONDON, EC3N 4HH
ITEM 2(C).	CITIZENSHIP England
ITEM 2(D).	TITLE OF CLASS OF SECURITIES Common Stock
ITEM 2(E).	CUSIP NUMBER 576853105
<pre>(a) // Broker</pre>	IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), ECK WHETHER THE PERSON FILING IS A or Dealer registered under Section 15 of the Act S.C. 780). defined in section 3(a) (6) of the Act (15 U.S.C. 78c). ce Company as defined in section 3(a) (19) of the Act
<pre>(d) // Investm Company (e) // Investm (f) // Employe</pre>	A.C. 78c). Ment Company registered under section 8 of the Investment Act of 1940 (15 U.S.C. 80a-8). Ment Adviser in accordance with section 240.13d(b)(1)(ii)(E). Me Benefit Plan or endowment fund in accordance with section (-1(b)(1)(ii)(F).
(g) // Parent 240.13d	Holding Company or control person in accordance with section Holding (1) (ii) (G). Ings association as defined in section 3(b) of the Federal Deposit
Insuran (i) // A churc company	ce Act (12 U.S.C. 1813). In plan that is excluded from the definition of an investment under section 3(c)(14) of the Investment Company Act of 1940 C. 80a-3).
(j) // Group,	in accordance with section 240.13d-1(b)(1)(ii)(J)
ITEM 1(A).	NAME OF ISSUER MATRIX SERVICE CO
ITEM 1(B).	ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES 10701 E UTE ST TULSA, OK 74116-1517
	NAME OF PERSON(S) FILING S GLOBAL INVESTORS JAPAN TRUST AND BANKING COMPANY LIMITED
ITEM 2(B).	ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE Ebisu Prime Square Tower 8th Floor 1-1-39 Hiroo Shibuya-Ku Tokyo 150-0012 Japan
ITEM 2(C).	Japan
ITEM 2(D).	TITLE OF CLASS OF SECURITIES Common Stock
ITEM 2(E).	CUSIP NUMBER 576853105
	IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), ECK WHETHER THE PERSON FILING IS A or Dealer registered under Section 15 of the Act

(15 U.S.C. 780). (b) /X/ Bank as defined in section 3(a) (6) of the Act (15 U.S.C. 78c). (c) // Insurance Company as defined in section 3(a) (19) of the Act (15 U.S.C. 78c). (d) // Investment Company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8). (e) // Investment Adviser in accordance with section 240.13d(b)(1)(ii)(E). (f) // Employee Benefit Plan or endowment fund in accordance with section 240.13d-1(b)(1)(ii)(F). (q) // Parent Holding Company or control person in accordance with section 240.13d-1(b)(1)(ii)(G). (h) // A savings association as defined in section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813). (i) // A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15U.S.C. 80a-3). (j) // Group, in accordance with section 240.13d-1(b)(1)(ii)(J) ITEM 1(A). NAME OF ISSUER MATRIX SERVICE CO _____ ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES ITEM 1(B). 10701 E UTE ST TULSA, OK 74116-1517 _____ ITEM 2(A). NAME OF PERSON(S) FILING BARCLAYS GLOBAL INVESTORS JAPAN LIMITED _____ TTEM 2(B). ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE Ebisu Prime Square Tower 8th Floor 1-1-39 Hiroo Shibuya-Ku Tokyo 150-8402 Japan _____ ITEM 2(C). CITIZENSHIP Japan _____ ITEM 2(D). TITLE OF CLASS OF SECURITIES Common Stock _____ _____ ITEM 2(E). CUSIP NUMBER 576853105 -----ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B), OR 13D-2(B), CHECK WHETHER THE PERSON FILING IS A (a) // Broker or Dealer registered under Section 15 of the Act (15 U.S.C. 78o). (b) // Bank as defined in section 3(a) (6) of the Act (15 U.S.C. 78c). (c) // Insurance Company as defined in section 3(a) (19) of the Act (15 U.S.C. 78c). (d) // Investment Company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8). (e) /X/ Investment Adviser in accordance with section 240.13d(b)(1)(ii)(E). (f) // Employee Benefit Plan or endowment fund in accordance with section 240.13d-1(b)(1)(ii)(F). (g) // Parent Holding Company or control person in accordance with section 240.13d-1(b)(1)(ii)(G). (h) // A savings association as defined in section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813). (i) // A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15U.S.C. 80a-3). (j) // Group, in accordance with section 240.13d-1(b)(1)(ii)(J)

ITEM 4. OWNERSHIP

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

(a)	Amount B	eneficially Owned: 1,362,098
(b)	Percent	of Class: 5.51%
(c)	Number o (i)	f shares as to which such person has: sole power to vote or to direct the vote 1,206,998
	(ii)	
	(iii)	sole power to dispose or to direct the disposition of 1,362,098
	(iv)	shared power to dispose or to direct the disposition of -
If th the m perce	his state reporting ent of th 6. OWNER The s econo	SHIP OF FIVE PERCENT OR LESS OF A CLASS ment is being filed to report the fact that as of the date hereof person has ceased to be the beneficial owner of more than five e class of securities, check the following. // SHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON hares reported are held by the company in trust accounts for the mic benefit of the beneficiaries of those accounts. See also 2 (a) above.
WHICH		
ITEM	8. IDENT	Not applicable IFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP Not applicable
ITEM	9. NOTIC	E OF DISSOLUTION OF GROUP Not applicable
ITEM	10.	CERTIFICATION

(a) The following certification shall be included if the statement is filed pursuant to section 240.13d-1 (b):

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

(b) The following certification shall be included if the statement is filed pursuant to section 240.13d-1(c):

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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.

January 31, 2007

Date

Signature

Robert J. Kamai

Principal

Name/Title