

NEEDHAM MANAGEMENT PARTNERS L P  
Form SC 13G/A  
January 20, 2004

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549  
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SCHEDULE 13G

Under the Securities Exchange Act of 1934  
(Amendment No. 1)

Key Technology, Inc.  
(Name of Issuer)

Common Stock, \$.01 par value  
(Title of Class of Securities)

493143101  
(CUSIP Number)

December 31, 2003  
(Date of Event which Requires Filing of this Statement)

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

Rule 13d-1(b)  
 Rule 13d-1(c)  
 Rule 13d-1(d)

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\* 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 cover 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 all other provisions  
of the Act but shall be subject to all other provisions of the Act  
(however, see the Notes).

13G

CUSIP NO. 493143101

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PAGE 2 OF 7 PAGES  
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1 NAME OF REPORTING PERSONS  
 NEEDHAM MANAGEMENT PARTNERS, L.P.  
 I.R.S. IDENTIFICATION NO. OF ABOVE PERESONS (ENTITIES ONLY)  
 13-3683491

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2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) [ ]  
 (See instructions) (b) [X]

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3 SEC USE ONLY

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4 CITIZENSHIP OR PLACE OF ORGANIZATION DELAWARE

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NUMBER OF	5	SOLE VOTING POWER	150,000
SHARES	-----	-----	-----
BENEFICIALLY	6	SHARED VOTING POWER	NONE
OWNED BY	-----	-----	-----
EACH	7	SOLE DISPOSITIVE POWER	150,000
REPORTING	-----	-----	-----
PERSON	8	SHARED DISPOSITIVE POWER	NONE
WITH	-----	-----	-----

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9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:  
 150,000 shares of common stock, par value \$0.01, of the issuer  
 ("Shares") (includes: (i) 75,000 shares beneficially owned by  
 Needham Emerging Growth Partners, L.P. And 75,000 shares  
 beneficially owned by Needham Contrarian Fund, L.P., which Needham  
 Management Partners, L.P. may be deemed to beneficially own by  
 virtue its position as general partner of each of the above  
 private limited partnerships).

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10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES [ ]  
 CERTAIN SHARES (See instructions)

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11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 3.1%

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12 TYPE OF REPORTING PERSON (See instructions) PN

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13G

CUSIP NO. 493143101

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 PAGE 3 OF 7 PAGES  
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1 NAME OF REPORTING PERSONS  
 George A. Needham  
 I.R.S. IDENTIFICATION NO. OF ABOVE PERESONS (ENTITIES ONLY)

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2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) [ ]  
 (See instructions) (b) [X]

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION USA

		SOLE VOTING POWER	NONE
NUMBER OF	5		
SHARES			
BENEFICIALLY		SHARED VOTING POWER	150,000
OWNED BY	6		
EACH			
REPORTING		SOLE DISPOSITIVE POWER	NONE
PERSON	7		
WITH			
	8	SHARED DISPOSITIVE POWER	150,000

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:

150,000 shares (includes: (i) 75,000 shares beneficially owned by Needham Emerging Growth Partners, L.P. and 75,000 shares beneficially owned by Needham Contrarian Fund, L.P, which Mr. Needham may be deemed to beneficially own by virtue his position as managing general partner of Needham Management Partners, L.P.).

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES [ ]  
 CERTAIN SHARES (See instructions)

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 3.1%

12 TYPE OF REPORTING PERSON (See instructions) IN

13G

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 PAGE 4 OF 7 PAGES  
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ITEM 1 (A) . NAME OF ISSUER:  
 Key Technology, Inc.

ITEM 1 (B) . ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES:  
 150 Avery Street  
 Walla Walla, WA 99362

ITEM 2 (A) . NAME OF PERSON FILING:  
 The Statement is filed on behalf of each of the following  
 persons (Collectively, the "Reporting Persons"):

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- (i) Needham Management Partners, L.P. in its capacity as general partner of each of Needham Emerging Growth Partners, L.P. and Needham Contrarian Fund, L.P.; and
- (ii) George A. Needham, in his capacity as Managing General Partner of Needham Management Partners, L.P., the sole general partner of each of Needham Emerging Growth Partners, L.P. and Needham Contrarian Fund, L.P.

ITEM 2(B). ADDRESS OF PRINCIPAL BUSINESS OFFICE, OR, IF NONE, RESIDENCE: 445 Park Avenue, New York, NY 10022

ITEM 2(C). CITIZENSHIP:  
See Item 4 of the cover pages attached hereto, which information is hereby incorporated by reference.

ITEM 2(D). TITLE OF CLASS OF SECURITIES:  
Common Stock, \$.01 par value

ITEM 2(E). CUSIP NUMBER:  
493143101

ITEM 3. Not Applicable.

ITEM 4(A) AND (B). OWNERSHIP: AMOUNT BENEFICIALLY OWNED AND PERCENT OF CLASS:  
See Items 5-11 of the cover pages attached hereto, which information is hereby incorporated by reference.

This Schedule 13G shall not be construed as an admission that any Reporting Person, either for purposes of Section 13(d) or 13(g) of the Securities Exchange Act of 1934, as amended, or for other purposes, is the beneficial owner of any securities covered by this statement.

13G

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PAGE 5 OF 7 PAGES  
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ITEM 4(C). See Items 5 through 8 of the cover pages attached hereto, which information is hereby incorporated by reference.

ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS:  
Not Applicable.

ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON:  
  
Not Applicable.

ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY OR CONTROL PERSON:

See Item 9 of the cover pages attached hereto, which

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information is hereby incorporated by reference.

ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP:  
Not Applicable.

ITEM 9. NOTICE OF DISSOLUTION OF GROUP:  
Not Applicable.

ITEM 10. CERTIFICATION:  
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.

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PAGE 6 OF 7 PAGES  
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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: January 20, 2004

NEEDHAM MANAGEMENT PARTNERS, L.P.

By: /s/ George A. Needham

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George A. Needham  
Managing General Partner

GEORGE A. NEEDHAM

/s/ George A. Needham

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George A. Needham

13G

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PAGE 7 OF 7 PAGES  
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Schedule 13G  
Exhibit A

AGREEMENT

The undersigned, Needham Management Partners, L.P. and George A. Needham, agree that the statement to which this exhibit is appended is filed on behalf of each of them.

Date: January 20, 2004

NEEDHAM MANAGEMENT PARTNERS, L.P.

By: /s/ George A. Needham

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George A. Needham  
Managing General Partner

GEORGE A. NEEDHAM

/s/ George A. Needham

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George A. Needham