

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

SCHEDULE 13G/A

UNDER THE SECURITIES EXCHANGE ACT OF 1934
(Amendment No. 4)

Mitek Systems Inc
COMMON STOCK
(Title of Class of Securities)

606710200
(CUSIP Number)

December 31, 2009
(Date of Event Which Requires Filing of this Statement)

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)

*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).

CUSIP No. 606710200

1) Names of Reporting Persons.
I.R.S. Identification Nos. of Above Persons (entities only)
White Pine Capital, LLC

2) Check the Appropriate Box if a Member of a Group (a) []
(See Instructions) (b) []
N/A

3) SEC Use Only

4) Citizenship or Place of Organization
Delaware

Number of Shares	5) Sole Voting Power	849,100
Beneficially	-----	-----
Owned by Each	6) Shared Voting Power	-----
Reporting	-----	-----
Person With	7) Sole Dispositive Power	849,100
	-----	-----
	8) Shared Dispositive Power	-----

9) Aggregate Amount Beneficially Owned by Each Reporting Person
849,100 shares

10) Check if the Aggregate Amount in Row (9) Excludes
Certain Shares (See Instructions) []

N/A

11) Percent of Class Represented by Amount in Item 9

5.07%

12) Type of Reporting Person (See Instructions)

IA

ITEM 1.

- (A) NAME OF ISSUER Mitek Systems Inc.
- (B) ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICE
8911 Balboa Ave., Suite B
San Diego, CA 92123

ITEM 2.

- (A) NAME OF PERSONS FILING White Pine Capital, LLC
- (B) ADDRESS OF PRINCIPAL BUSINESS OFFICE OR IF NONE, RESIDENCE
60 South 6th Street, Suite 2530 Minneapolis, MN 55402
- (C) CITIZENSHIP
Delaware
- (D) TITLE OF CLASS OF SECURITIES
Common Stock
- (E) CUSIP NUMBER 606710200

ITEM 3.

If this statement is filed pursuant to rule 240.13d- 1(b), or 240.13d-2(b) or (c), 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 An investment adviser in accordance with 240.13d- 1(b)(1)(ii)(E).
- (f) ___ An employee benefit plan or endowment fund in accordance with 240.13d-1(b)(1)(ii)(F).
- (g) ___ A parent holding company or control person in accordance with 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 (15 U.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 beneficially owned: 849,100 shares

- (b) Percent of class: 5.07%
- (c) Number of shares as to which the person has:
 - (i) Sole power to vote or to direct the vote: 849,100
 - (ii) Shared power to vote or to direct the vote:
 - (iii) Sole power to dispose or to direct the disposition of: 849,100
 - (iv) Shared power to dispose or to direct the disposition of:

ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following /___/.

ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON

N/A

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

N/A

ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP

N/A

ITEM 9. NOTICE OF DISSOLUTION OF GROUP

N/A

ITEM 10. CERTIFICATION.

By signing below we certify that, to the best of our 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.

Dated: February 08, 2010

By: /s/

Name: Michael S. Wallace
Title: Principal