XTENT INC Form SC 13G February 13, 2008

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

Xtent, Inc.
(Name of Issuer)
Common Stock, \$0.001 par value per share
(Title of Class of Securities)
894141101
(Cusip Number)
40/04/0007
12/31/2007
(Date of Event Which Requires Filing of This Statement)

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

- [] Rule 13d-1(b)
- [X] 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 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 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. 894141101

1	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITY ONLY)				
	Morgenthaler Partners VI	I 34	1-1918712		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) [X] (SEE INSTRUCTIONS)				
	 		(b) [] 		
3	SEC USE ONLY				
4	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware				
	NUMBER OF	5	SOLE VOTING POWER		
	SHARES		0		
	BENEFICIALLY	6	SHARED VOTING POWER		
	OWNED BY		5,060,243 (See Item 4)		
	EACH	 7	SOLE DISPOSITIVE POWER		
 	REPORTING		0		
 	PERSON				
8 WITH			SHARED DISPOSITIVE POWER 		
		 	5,060,243 (See Item 4) 		
9	AGGREGATE AMOUNT BENEFIC: 	IALLY OWN	NED BY EACH REPORTING PERSON		
	5,060,243 (See Item	4)			
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) [] N/A				
11	PERCENT OF CLASS REPRESEN	NTED BY A	AMOUNT IN ROW (9)		
	21.99%				
12	TYPE OF REPORTING PERSON		STRUCTIONS)		
	 PN		 		

	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICA		OF ABOVE PERSON (ENTITY ONLY)		
 2 					
	SEC USE ONLY				
4					
	NUMBER OF 5 SOLE VOTING POWER				
 	BENEFICIALLY	 6 	 SHARED VOTING POWER 		
 	OWNED BY	 	5,060,243 (See Item 4)		
EACH 7 SOLE			SOLE DISPOSITIVE POWER		
 	REPORTING 0				
	PERSON		 SHARED DISPOSITIVE POWER		
WITH 5,060,243 (See Item 4)					
9		IALLY OW	NED BY EACH REPORTING PERSON		
	5,060,243 (See Item 4)				
	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) [] N/A				
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 21.99%				
12	TYPE OF REPORTING PERSON	(SEE INS	STRUCTIONS)		
	PN				

SCHEDULE 13G

1	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITY ONLY)				
	Robert D. Pavey				
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) [X] (SEE INSTRUCTIONS)				
	[] (d)				
3	 SEC USE ONLY 				
4	CITIZENSHIP OR PLACE OF ORGANIZATION United States				
	NUMBER OF	5	SOLE VOTING POWER		
	SHARES		0		
	BENEFICIALLY	6	SHARED VOTING POWER		
	OWNED BY		5,060,243 (See Item 4)		
	EACH	7	SOLE DISPOSITIVE POWER		
PERSON		 8	SHARED DISPOSITIVE POWER		
WITH			5,060,243 (See Item 4)		
		 ALLY OWN	JED BY EACH REPORTING PERSON		
	5,060,243 (See Item 4)				
	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) [] N/A				
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 21.99%				
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)				
	IN				

	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICA	ATION NO.	. OF ABOVE PERSON (ENTITY ONLY)		
	Robert C. Bellas, Jr.				
	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) [)			[X]
	(SEE INSTRUCTIONS)]
3	SEC USE ONLY				
	 CITIZENSHIP OR PLACE OF ORGANIZATION United States				
	NUMBER OF	 5	SOLE VOTING POWER		
1	SHARES		25,000 (See Item 4)		
1	BENEFICIALLY	 6	SHARED VOTING POWER		
1	OWNED BY		5,060,243 (See Item 4)		
	EACH	 7	SOLE DISPOSITIVE POWER		
	REPORTING		25 000 (See Them 4)		
PERSON			25,000 (See Item 4)		
		8 	SHARED DISPOSITIVE POWER		
 		[[5,060,243 (See Item 4)		
9	AGGREGATE AMOUNT BENEFIC	[ALLY OWN	NED BY EACH REPORTING PERSON		
	5,085,243 (See Item 4)				
	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) [] N/A				
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 22.09%				
1 12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)				
1	 IN				

1	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITY ONLY)				
	Gary J. Morgenthaler				
2	(4, [
	(SEE INSTRUCTIONS)				
3	SEC USE ONLY				
4	CITIZENSHIP OR PLACE OF ORGANIZATION United States				
	NUMBER OF	5	SOLE VOTING POWER		
	SHARES				
	BENEFICIALLY	 6	SHARED VOTING POWER		
 	OWNED BY		5,060,243 (See Item 4)		
 	EACH	 7	SOLE DISPOSITIVE POWER		
 	REPORTING				
	WITH	8 	SHARED DISPOSITIVE POWER		
	 	 	5,060,243 (See Item 4)		
9	AGGREGATE AMOUNT BENEFIC: 	IALLY OWN	IED BY EACH REPORTING PERSON		
	5,060,243 (See Item 4)				
	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES [X] (See Item 4)				
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)				
	21.99%				
12	 TYPE OF REPORTING PERSON	(SEE INS	TRUCTIONS)		
	 IN				

	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICA John D. Lutsi	ATION NO.	OF ABOVE PERSON (ENTITY ONLY		
	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) [X] (SEE INSTRUCTIONS) (b) []				 []]
3	SEC USE ONLY				
	CITIZENSHIP OR PLACE OF ORGANIZATION United States				
NUMBER OF 5 SOLE VOTING POWER					
	SHARES		0		
BENEFICIALLY 6 SHARED VOTING POWER					
	OWNED BY		5,060,243 (See Item 4)		
	EACH 7 SOLE DISPOSITIVE POWER				
PERSON					
8 SHARED DISPOSITIVE POWER WITH					
9	AGGREGATE AMOUNT BENEFIC	IALLY OWN	IED BY EACH REPORTING PERSON		
	5,060,243 (See Item 4)				
1	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) [] N/A				
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 21.99%				
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)				
	 IN				

SCHEDULE 13G

Item 1(a). NAME OF ISSUER: Xtent, Inc.

Item 1(b). ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES:

125 Constitution Drive
Menlo Park, California 94025

- Item 2(a). NAMES OF PERSONS FILING: Morgenthaler Partners VI (MP
 VI); Morgenthaler Management Partners VI (MMP VI), the general partner
 of MP VI; Robert D. Pavey, Robert C. Bellas, Jr., Gary J.
 Morgenthaler and John D. Lutsi (collectively, the "Managing
 Members") are members of MMP VI, the general partner of MP VI.
- Item 2(b). ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE:

The address of the principal business office of MP VI, MMP VI and each of the Managing Members is:

Morgenthaler Partners VI, L.P. 50 Public Square Suite 2700 Cleveland, Ohio 44113

- Item 2(c). CITIZENSHIP: MP VI is a limited partnership organized under the laws of Delaware and MMP VI is a limited partnership organized under the laws of the State of Ohio. Each of the Managing Members is a United States citizen.
- Item 2(e). CUSIP NUMBER: 894141101
- 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 Securities Exchange Act of 1934 (the "Act").
 - (b) [] Bank as defined in Section 3(a)(6) of the Act.
 - (c) [] Insurance Company as defined in Section 3(a) (19) of the Act.
 - (d) [] Investment Company registered under Section 8 of the Investment Company Act of 1940.

- (e) [] Investment Advisor registered under Section 203 of the Investment Advisors Act of 1940.
- (f) [Employee Benefit Plan, Pension Fund which is subject to the provisions of the Employee Retirement Income Security Act of 1974 or Endowment Fund; see Rule 13d-1(b)(1)(ii)(f) of the Act.
- (g) [] Parent Holding Company, in accordance with Rule $13d-1\,(b)\,(ii)\,(G)$ of the Act.
- (h) [] Group, in accordance with Rule 13d-1(b)(1)(ii)(H) of the Act.

Not Applicable.

Item 4. OWNERSHIP.

(a)

Amount beneficially owned: MP VI, 5,060,243 shares of Xtent, Inc. and each of MMP VI, Robert D. Pavey, Robert C. Bellas, Gary, J. Morgenthaler and John D. Lutsi may be deemed to beneficially own 5,060,243 shares of Xtent, Inc. (the company) as of December 31, 2007.

MP VI is the record owner of 5,060,243 shares. MMP VI, in its capacity as the General partner of MP VI, may be deemed beneficially own such 5,060,243 shares. Robin C. Bellas is the record owner of 25,000 shares.

(b) Percent of Class: (based on 23,015,613 shares of common stock)

MP VI: 21.99%
MMP VI: 21.99%
Robert D. Pavey: 21.99%
Robert C. Bellas: 22.09%
Gary J. Morgenthaler: 21.99%
John D. Lutsi: 21.99%

- (c) Number of shares as to which such person has:
 - (i) sole power to vote or to direct the vote:

Robert C. Bellas: 25,000 shares

(ii) shared power to vote or to direct the vote:

MP VI: 5,060,243 shares
MMP VI: 5,060,243 shares
Robert D. Pavey: 5,060,243 shares
Robert C. Bellas: 5,060,243 shares
Gary J. Morgenthaler: 5,060,243 shares
John D. Lutsi: 5,060,243 shares

(iii) sole power to dispose or direct the disposition of:

Robert C. Bellas: 25,000 shares

(iv) shared power to dispose or direct the disposition of:

MP VI: 5,060,243 shares
MMP VI: 5,060,243 shares
Robert D. Pavey: 5,060,243 shares

Robert C. Bellas: 5,060,243 shares Gary J. Morgenthaler: 5,060,243 shares John D. Lutsi: 5,060,243 shares

Each of MP VI and MMP VI and each of the General Partners expressly disclaims beneficial ownership of any shares of common stock of the Company, except in the case of MP VI, for the 5,060,243 shares and Robin C. Bellas, for the 25,000 shares which it holds of record.

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.

Not Applicable.

Item 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP.

Not Applicable.

Item 9. NOTICE OF DISSOLUTION OF GROUP.

Not Applicable.

Item 10. CERTIFICATION.

Not Applicable. This statement on Schedule 13G is not filed pursuant to Rule 13d-1 (b).

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

SIGNATURES

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

Date: February 13, 2008

MORGENTHALER PARTNERS VI

By: Morgenthaler Management Partners VI, LLC

By: *

General Partner

MORGENTHALER MANAGEMENT PARTNERS VI, LLC

Ву:	*
	Managing Member *
	Robert D. Pavey
	*
	Robert C. Bellas, Jr.
	*
	Gary J. Morgenthaler
	*
	John D. Lutsi

*By: /s/ Theodore A. Laufik

Theodore A. Laufik

Attorney-in-Fact