WELLS FARGO & CO/MN Form SC 13G/A January 21, 2005

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 3)

Qualstar Corp
(Name of Issuer)
Common Stock, no par value
(Title of Class of Securities)
74758R109

(CUSIP Number)

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

x 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 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).

1 NAME OF REI	PORTING PERSON			
S.S. or I.R.S. II	S.S. or I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY)			
Wells	s Fargo & Company			
Tax I	dentification No. 41-0449260			
	APPROPRIATE BOX IF A MEMBER OF A GROUP			
(a) "				
(b) 3 SEC USE ONL	${f v}$			
3 SEC OSE ONE				
4 CITIZENSHIP	OR PLACE OF ORGANIZATION			
Delav				
	5 SOLE VOTING POWER			
NUMBER OF	1,600,100			
SHARES	6 SHARED VOTING POWER			
BENEFICIALLY				
OWNED BY	0			
EACH	7 SOLE DISPOSITIVE POWER			
REPORTING				
PERSON	1,657,850			
WITH	8 SHARED DISPOSITIVE POWER			

0
9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,657,850

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

Not applicable
11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

13.1%
12 TYPE OF REPORTING PERSON

HC

1 NAME OF REF	PORTING PERSON			
S.S. or I.R.S. ID	.S. or I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY)			
Wells	s Capital Management Incorporated			
	Federal ID No. 95-3692822 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP			
(a) "				
(b) " 3 SEC USE ONL	(b) " 3 SEC USE ONLY			
4 CITIZENSHIP OR PLACE OF ORGANIZATION				
Califo	ornia 5 SOLE VOTING POWER			
NUMBER OF	1,600,100			
SHARES	6 SHARED VOTING POWER			
BENEFICIALLY				
OWNED BY	0			
EACH	7 SOLE DISPOSITIVE POWER			
REPORTING				
PERSON	1,657,850			
WITH	8 SHARED DISPOSITIVE POWER			

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DISCLAIMER: Information in this Schedule 13G is provided solely for the purpose of complying with Sections 13(d) and 13(g) of the Act and regulations promulgated thereunder, and is not to be construed as an admission that Wells Fargo & Company or any of its subsidiaries is the beneficial owner of the securities covered by this Schedule 13G for any purpose whatsoever.

Item 1	(a)	Name of Issuer:
Item 1	(b)	Qualstar Corp Address of Issuer s Principal Executive Offices:
		3990-B Heritage Oak Court
		Simi Valley, CA 93063
Item 2	(a)	Name of Person Filing:
		Wells Fargo & Company
		Wells Capital Management Incorporated
Item 2	(b)	Address of Principal Business Office or, if none, Residence:
		1. Wells Fargo & Company
		420 Montgomery Street
		San Francisco, CA 94104
		2. Wells Capital Management Incorporated

525 Market Street, 10th Floor

San Francisco, CA 94105

Item 2 (c) Citizenship:

1. Wells Fargo & Company: Delaware

2. Wells Capital Management Incorporated: California

Item 2 (d) Title of Class of Securities:

Common Stock, no par value

Item 2 (e) CUSIP Number:

74758R109

Item 3 The person filing is a:

- 1. Wells Fargo & Company: Parent Holding Company in accordance with 240.13d-1(b)(1)(ii)(G)
- 2. Wells Capital Management Incorporated: Registered Investment Advisor in accordance with Regulation 13d-1(b)(1)(ii)(E)

4

Item 4	Ownership:
	See 5-11 of each cover page. Information as of December 31, 2004.
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:
	Not applicable.
Item 7	Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company:
	See Attachment A
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.
Date: Jar	nuary 21, 2005
WELLS	FARGO & COMPANY
By: /s/ I	Laurel A. Holschuh
Lau	rel A. Holschuh, Senior Vice President
and	Secretary

ATTACHMENT A

The Schedule 13G to which this attachment	is appended is filed by	Wells Fargo & Company on b	behalf of the following subsidiaries:

Wells Capital Management Incorporated (1)

(1) Classified as a registered investment advisor in accordance with Regulation 13d-1(b)(1)(ii)(E).

6