SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Post-Effective Amendment No. 1 FORM S-3 **REGISTRATION STATEMENT**

UNDER THE SECURITIES ACT OF 1933

EQUINIX, INC. (Exact name of registrant as specified in its charter)

Delaware (State of other jurisdiction of incorporation or organization)		77-0487526 (I.R.S. Employee Identification Number)
(Address, including zip code, and t	301 Velocity Way Foster City, California 94404 (650) 513-7000 elephone number including area code, of Regis	strant's principal executive offices)
	Brandi G. Morandi General Counsel and Corporate Secretary EQUINIX, INC. 301 Velocity Way Foster City, California 94404 (650) 513-7000	
(Name and address, including	g zip code, and telephone number, including an	rea code, of agent for service)
	Copy to: Alan Denenberg 1600 El Camino Real Menlo Park, California 94025 (650) 752-2000	
Approximate date of commencement of proposed sale of th	ne securities to the public: Not applica	able.
If the only securities being registered on this Form are being or	ffered pursuant to dividend or interest	reinvestment plans, please check the following box. \square
If any of the securities being registered on this Form are to be securities offered only in connection with dividend or interest reinves		sis pursuant to Rule 415 under the Securities Act of 1933, other than $\hfill\Box$
If this Form is filed to register additional securities for an offer Act registration statement number of the earlier effective registration		Securities Act, please check the following box and list the Securities
If this Form is a post-effective amendment filed pursuant to Ru statement number of the earlier effective registration statement for the		eck the following box and list the Securities Act registration
If this Form is a registration statement pursuant to General Inst Commission pursuant to Rule 462(e) under the Securities Act, check to		ment thereto that shall become effective upon filing with the
If this Form is a post-effective amendment to a registration star of securities pursuant to Rule 413(b) under the Securities Act, check t	*	action I.D. filed to register additional securities or additional classes
Indicate by check mark whether the registrant is a large acceler of "large accelerated filer," "accelerated filer" and "smaller reporting		accelerated filer, or a smaller reporting company. See the definitions nge Act.
Large accelerated filer		Accelerated filer
Non-accelerated filer \Box (Do not check if a smaller reporting	company)	Smaller reporting company

DEREGISTRATION OF SECURITIES

This Post-Effective Amendment No. 1 to the Registration Statement on Form S-3, as amended (No. 333-141609), which was declared effective on March 27, 2007, is being filed to deregister, as of the effectiveness of this post-effective amendment, all unsold convertible subordinated notes due 2012, and the shares of common stock issuable upon conversion of such notes, of Equinix, Inc., the registrant, the sale of which was registered under the Registration Statement. The registrant's obligation to keep the Registration Statement effective has expired.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3, and has duly caused this Post-Effective Amendment No. 1 to the Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Foster City, State of California, on October 30, 2009.

EQUINIX, INC.

By	/S/ STEPHEN M. SMITH
Name:	Stephen M. Smith
Title:	President and Chief Executive Officer

Pursuant to the requirements of the Securities Act of 1933, this Post-Effective Amendment No. 1 to the Registration Statement has been signed by the following persons in the capacities and on the dates indicated.

Signature	<u>Title</u>	<u>Date</u>
/S/ STEPHEN M. SMITH Stephen M. Smith	President and Chief Executive Officer (Principal Executive Officer)	October 30, 2009
/S/ KEITH D. TAYLOR Keith D. Taylor	Chief Financial Officer (Principal Financial and Accounting Officer)	October 30, 2009
/S/ PETER F. VAN CAMP Peter F. Van Camp	Executive Chair	October 30, 2009
* Steven T. Clontz	Director	October 30, 2009
* Steven P. Eng	Director	October 30, 2009
* Gary F. Hromadko	Director	October 30, 2009
* Scott G. Kriens	Director	October 30, 2009
* Irving F. Lyons, III	Director	October 30, 2009
Christopher B. Paisley	Director	
By: /S/ PETER F. VAN CAMP Peter F. Van Camp Attorney-in-Fact		