

# FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person* TEMASEK HOLDINGS LTD		2. Issuer Name and Ticker or Trading Symbol EQUINIX INC [EQIX]		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)					
(Last) (First) (Middle) 60B ORCHARD ROAD #06-18 TOWER 2, THE ATRIUM@ORCHARD		3. Date of Earliest Transaction (Month/Day/Year) 12/31/2004							
(Street) SINGAPORE, U0 238891		4. If Amendment, Date Original Filed(Month/Day/Year)		6. Individual or Joint/Group Filing(Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person					
(City) (State) (Zip)		<b>Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned</b>							
1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)			

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
14% Series A-1 PIK Convertible Secured Notes Due 2007	\$ 9.18	05/01/2003		P		1,400,000		05/01/2003	11/01/2007	Common Stock	152,541	\$ 1,400,000	\$ 1,400,000	I	By subsidiary (3) (4)
14% Series A-1 PIK Convertible Secured Notes Due 2007	\$ 9.18	11/01/2003		P		2,198,000		11/01/2003	11/01/2007	Common Stock	239,489	\$ 2,198,000	\$ 2,198,000	I	By subsidiary (3) (4)
14% Series A-1 PIK Convertible Secured Notes Due 2007	\$ 9.18	05/01/2004		P		2,351,860		05/01/2004	11/01/2007	Common Stock	256,254	\$ 2,351,860	\$ 2,351,860	I	By subsidiary (3) (4)
14% Series A-1 PIK Convertible Secured Notes Due 2007	\$ 9.18	11/01/2004		P		2,516,490		11/01/2004	11/01/2007	Common Stock	274,191	\$ 2,516,490	\$ 2,516,490	I	By subsidiary (3) (4)

### Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
TEMASEK HOLDINGS LTD 60B ORCHARD ROAD #06-18 TOWER 2 THE ATRIUM@ORCHARD SINGAPORE, U0 238891		X		

# Signatures

/s/ Jeffrey Chua, Director (Legal & Secretariat), TEMASEK HOLDINGS (PRIVATE) LIMITED

 Signature of Reporting Person

12/30/2004

Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1) These securities were omitted from the Reporting Person's Forms 4 filed prior to the date hereof. These securities have been reported on prior Schedules 13D filed by the Reporting Person, and as such do not affect the calculations of the Reporting Person's pecuniary interests in the Issuer.

(2) The Issuer's 14% Series A-1 Payment-Of-Interest-In-Kind Convertible Secured Notes Due 2007 listed herein (the "PIK Notes"), together with all dividends accrued thereon between the date of issue and November 1, 2007, are convertible into Common Shares of the Issuer at an exercise price of \$9.18.

(3) Singapore Technologies Telemedia Pte Ltd ("STT"), a wholly-owned indirect subsidiary of the Reporting Person, has an indirect interest in the securities reported herein by virtue of its ownership interest in i-STT Investments Pte Ltd, which is the record holder of the securities of the Issuer reported herein. In addition, the Reporting Person holds an indirect interest in 11,718 shares owned beneficially and of record by T.H.e. Venture Pte Ltd. The Reporting Person disclaims beneficial ownership of such securities except to the extent of its pecuniary interest therein.

(4) In connection with an internal restructuring to be completed on December 31, 2004, the shares of STT presently owned by Singapore Technologies Private Limited ("STPL"), will be transferred to the Reporting Person with effect from December 31, 2004.

(5) This is the face amount of the debt securities expressed in U.S. dollars.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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