

1 [Wi-Fi Technology]

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3 **Resolution urging the San Francisco Department of Telecommunications provide**
4 **access to Wi-Fi in all San Francisco city-owned buildings.**

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6 WHEREAS, Wi-Fi is the term for a high-frequency wireless local area network
7 (WLAN); and

8 WHEREAS, Wi-Fi technology is gaining acceptance as an alternative to wired local
9 area networks; and

10 WHEREAS, The 802.11b technology on which Wi-Fi operates, offers data speeds up
11 to 11 megabits per second; and

12 WHEREAS, A recent study completed by the IDC, a global market intelligence and
13 advisory firm in the telecommunication and information technology industries, concluded that
14 the overall WLAN market is expected to grow to over 36 million units by the year 2006; and

15 WHEREAS, The same study completed by the IDC forecasted the number of wireless
16 users to grow to nearly 20 million by the year 2006, in the United States alone; and

17 WHEREAS, The number of wireless-enabled computers is also expected to grow to
18 over 15 million by the year 2005, compared to 2.9 million in 2001; and

19 WHEREAS, The numerous advantages of Wi-Fi technology include, among others,
20 enhanced educational opportunities for students in public schools, freedom of
21 communication, and San Francisco's backup communication network during emergencies;
22 and

23 WHEREAS, The cities of Cleveland, Ohio and Atlanta, Georgia have already decided
24 to provide wireless technology to all areas of their cities by the year 2006; now, therefore, be
25 it

1 RESOLVED, That the City and County of San Francisco urges the Department of
2 Telecommunications to provide Wi-Fi in all San Francisco City-owned buildings; and, be it

3 FURTHER RESOLVED, That the Board of Supervisors directs the Clerk of the Board
4 of Supervisors to send a copy of this resolution to the Department of Telecommunications.

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