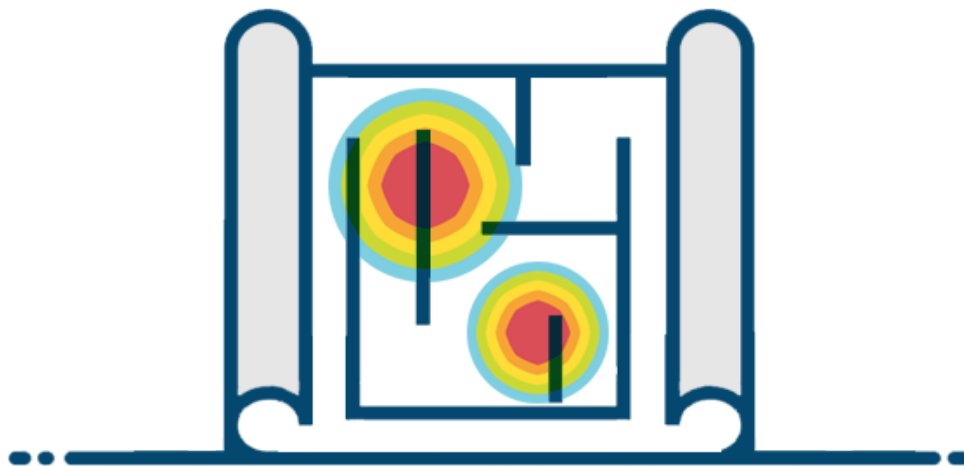


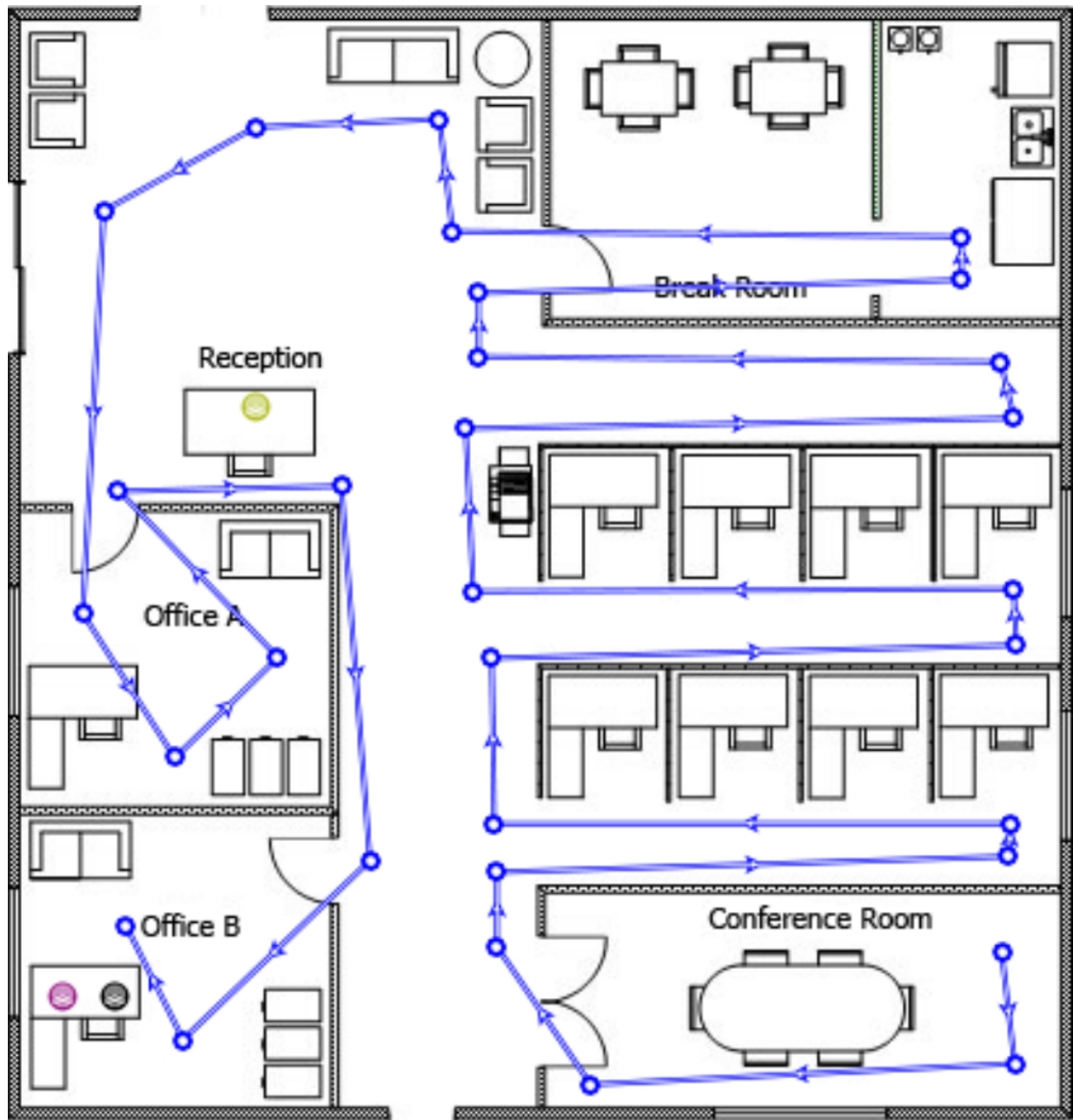
HIVE-FI WLAN PREDICTIVE SURVEY

POWERED BY TAMOGRAPH®



Survey Name	Zone A
Surveyor	Andrew Riedel
Location	Building 2
Description	Sample Report
Date(s)	Thursday, September 09, 2010

Map with no visualizations



List of Surveys

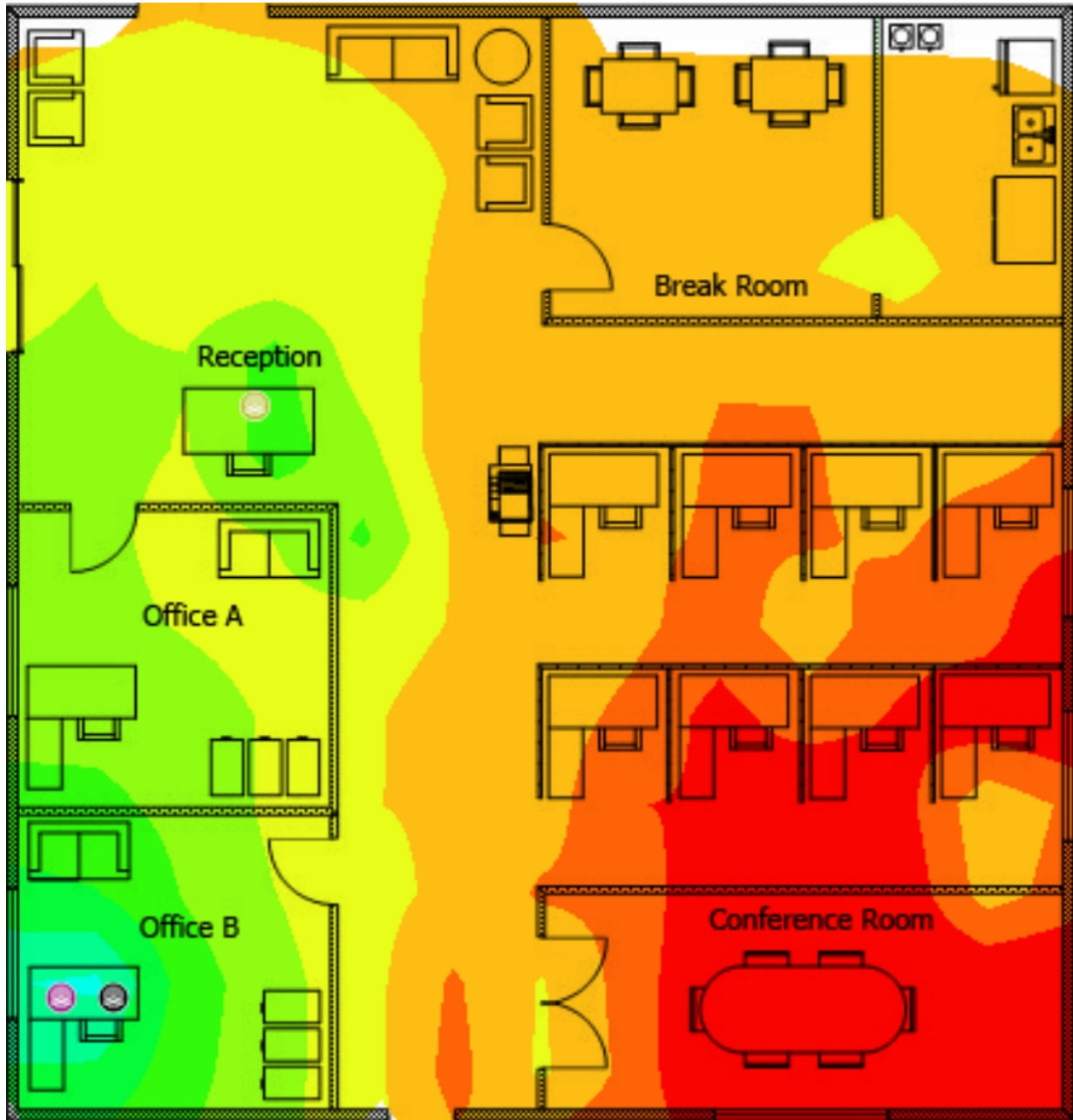
Name	Description
Survey 9/9/2010 1:39:06 PM	
Survey 9/9/2010 2:28:52 PM	

List of APs

Name	SSID	MAC	Vendor	Channel	Max Rate	Encryption
Cisco 802.11n	WLAN03	00:23:04:89:C6:91	Cisco	2 (6)	300.0	WPA-CCMP
3com 802.11n	WLAN03	00:1A:C1:6E:A0:B6	3com	2 (6)	300.0	WPA-CCMP
AsustekCom 802.11g	ImpexDD	00:1D:60:E8:4E:B5	AsustekCom	1	54.0	WPA-TKIP
D-Link 802.11g	GuestNet	00:0F:3D:E9:05:01	D-Link	11	54.0	WEP
AsustekCom 802.11g	BorisM	00:23:54:F6:6E:10	AsustekCom	4	54.0	WPA-CCMP
D-Link 802.11a	GuestNet	00:0F:3D:E9:05:01	D-Link	36	54.0	WPA-TKIP
Cisco 802.11n	GuestNet	00:23:04:1B:81:01	Cisco	2 (6)	270.0	WEP
Cisco 802.11g	WLAN03	00:22:90:49:F2:7F	Cisco	6	54.0	WPA-TKIP
3com 802.11g	LOBBY	00:1A:C1:36:B5:15	3com	11	54.0	WEP
Cisco 802.11n	Floor_5	00:23:04:03:FE:7E	Cisco	1 (5)	300.0	WPA-CCMP, WPA-TKIP
ZygateComm 802.11g	ImpexDD	00:02:CF:AE:80:4F	ZygateComm	1	54.0	WPA-TKIP
Cisco 802.11an	WLAN03	00:23:04:79:5B:31	Cisco	161 (157)	300.0	None
AsustekCom 802.11g	Zone 2	00:1E:8C:0F:34:19	AsustekCom	11	54.0	WPA-CCMP
AskeyCompu 802.11g	Zone 2	00:21:63:1C:F7:B9	AskeyCompu	11	54.0	WPA-TKIP
ZygateComm 802.11g	Zone 2	00:02:CF:DB:92:C6	ZygateComm	1	54.0	WPA-TKIP
Cisco 802.11g	ImpexDD	00:22:90:78:0D:CD	Cisco	1	54.0	WPA-CCMP
AsustekCom 802.11g	Zone 2	90:E6:BA:A9:9D:4C	AsustekCom	1	54.0	WPA-TKIP

Signal Level

This visualization shows the signal strength map (also called the coverage map) measured in dBm. Signal strength is one of the most important factors that influence WLAN performance, as in the areas with low signal, establishing a reliable and high-throughput link between the AP and client devices is impossible.



Signal-to-Interference Ratio

This visualization shows the signal-to-interference ratio (SIR) measured in dB. SIR is a measure to quantify by how much the signal level of an AP (interfered AP) exceeds the interference level. The interfering signal is the signal being transmitted by other APs (interfering APs) that may or may not belong to your WLAN and that use the same or one of the adjacent 802.11 channels. In low SIR zones, client devices may experience low throughput.

