

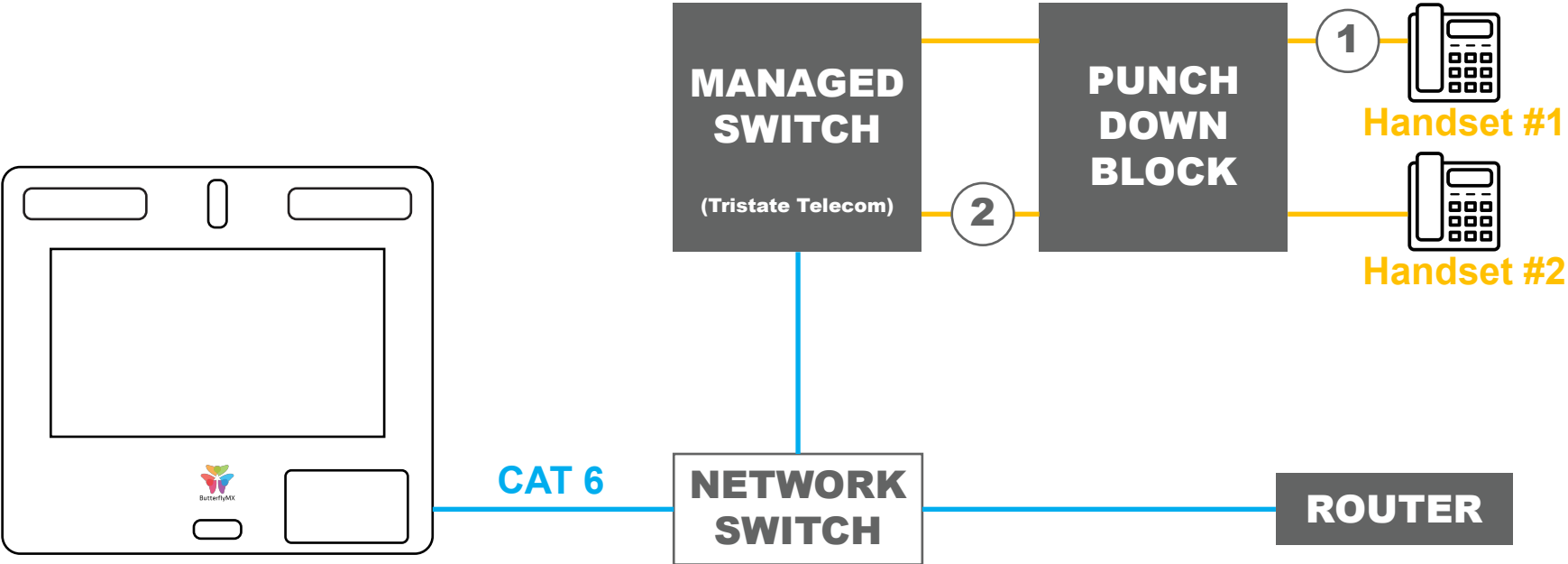


IN-UNIT HANDSET INTEGRATION WITH BUTTERFLYMX TOUCHSCREEN

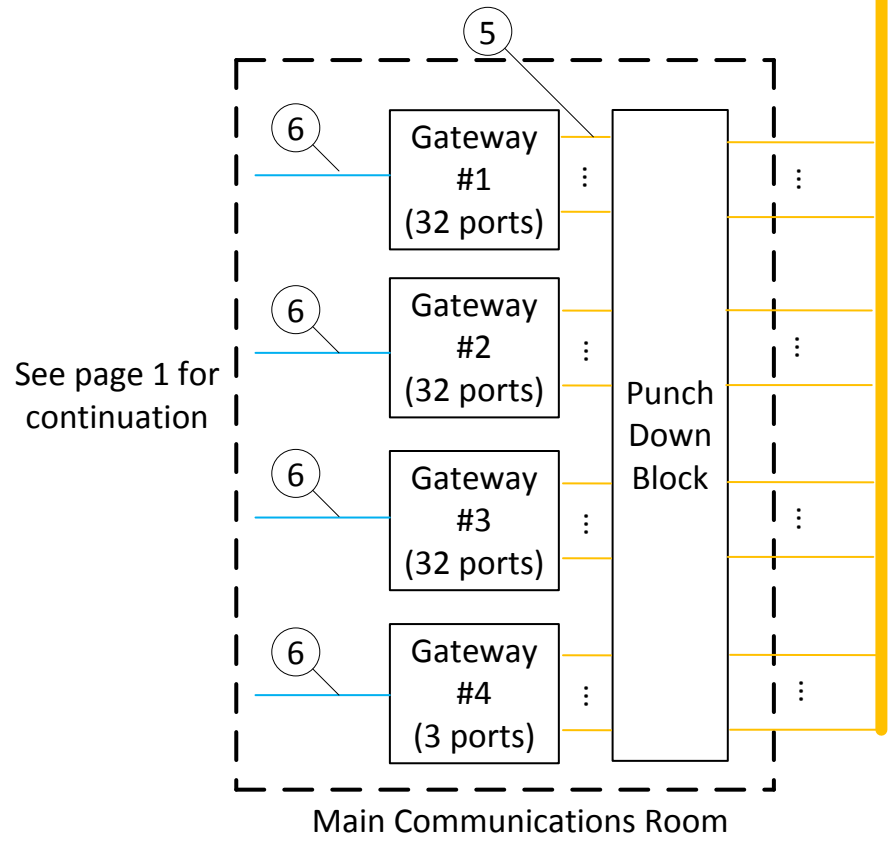
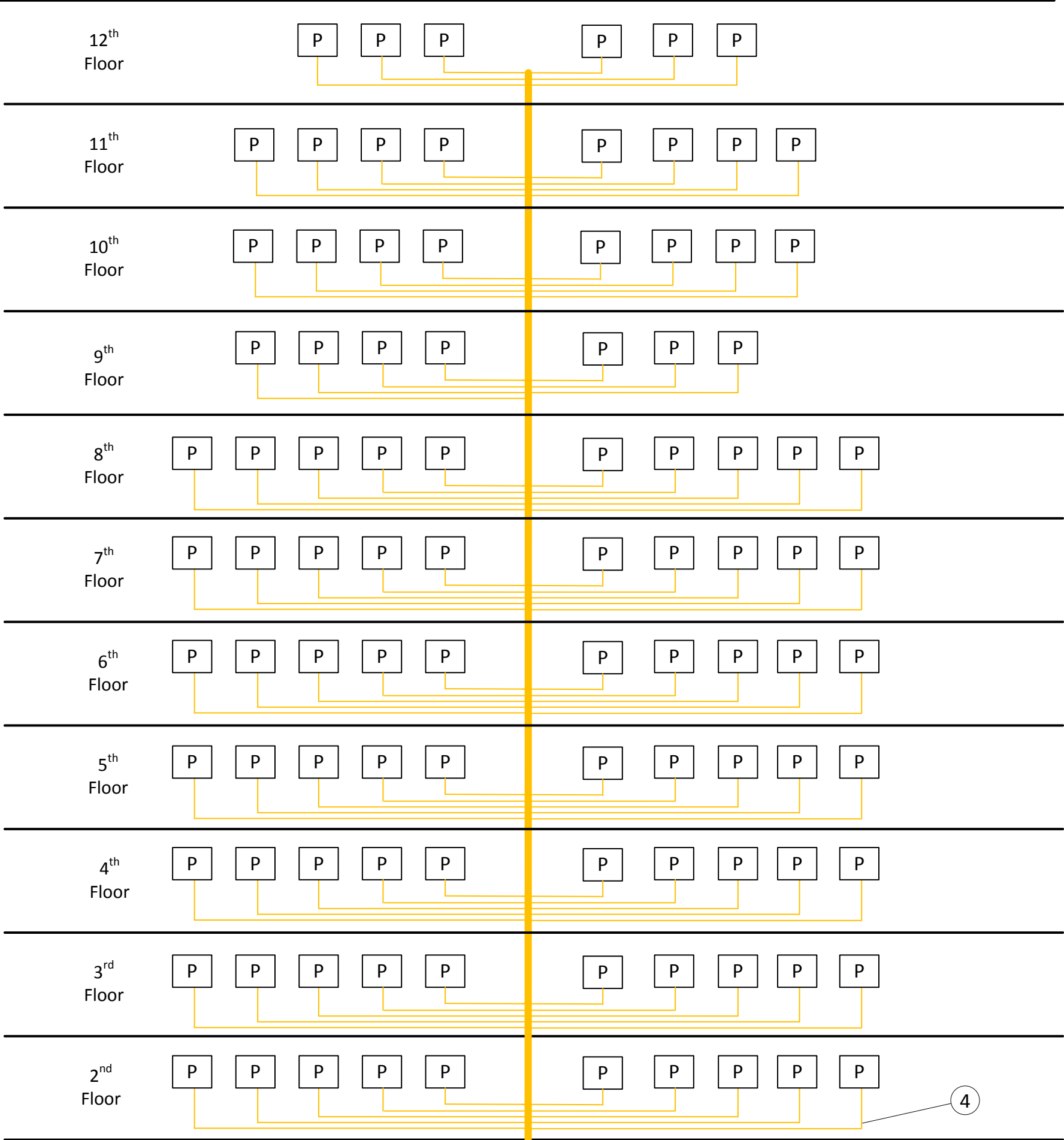
OVERVIEW

ButterflyMX integrates with in-unit handsets for properties that require this solution. To do so, a CAT5e / CAT6 is run from the network switch/router to a gateway purchased and programmed by Tristate Telecom (718-783-6262 || tristatetelecom.com). The gateway is wired to a punchdown block, and then to each in-unit handset.

Each port on the gateway corresponds to one handset. Each gateway can handle 32 ports. For example, if the third floor of a building has ten apartments with one handset each, the handsets will all be wired back to the punchdown block and assigned one port on the gateway. Therefore, the third floor of this building requires ten ports on the gateway.



	Wire Run Type	Comments
1	LAN/UNIT Telephone	Contractor to install (1) x Cat5e/Cat6 from in-unit handset location (terminate on RJ-11 jack) to Main Communications Room punch down block (where connection to gateway is made). Network contractor to terminate in-unit handset from punch down tblock o managed switch.
2	Cross-Connection to Gateway	For each in-unit handset, contractor to cross-connect one (1) pair from punch down block to Gatway Port. Terminate one (1) twisted pair copper on punch down block and a male RJ-11 connector on gateway end. The wire count “n” denotes the total number of units cross connected to the gateway. Coordinate with Network Contractor for # of gateways.
3	ButteflyMX requires that you purchase managed switch from Tristate Telecom -- (718)-783-6262 -- Tristatetelecom.com	
4	Please refer to panel installation guide for additional details.	



Unit #	Floor	Punch Down Pair #	Gateway #	Gateway Port #
1	2	1	1	1
2	2	2	1	2
3	2	3	1	3
4	2	4	1	4
5	2	5	1	5
6	2	6	1	6
7	2	7	1	7
8	2	8	1	8
9	2	9	1	9
10	2	10	1	10
11	3	11	1	11
12	3	12	1	12
13	3	13	1	13
14	3	14	1	14
15	3	15	1	15
16	3	16	1	16
17	3	17	1	17
18	3	18	1	18
19	3	19	1	19
20	3	20	1	20
21	4	21	1	21
22	4	22	1	22
23	4	23	1	23
24	4	24	1	24
25	4	25	1	25
26	4	26	1	26
27	4	27	1	27
28	4	28	1	28
29	4	29	1	29
30	4	30	1	30
31	5	31	1	31
32	5	32	1	32

Unit #	Floor	Punch Down Pair #	Gateway #	Gateway Port #
33	5	33	2	1
34	5	34	2	2
35	5	35	2	3
36	5	36	2	4
37	5	37	2	5
38	5	38	2	6
39	5	39	2	7
40	5	40	2	8
41	6	41	2	9
42	6	42	2	10
43	6	43	2	11
44	6	44	2	12
45	6	45	2	13
46	6	46	2	14
47	6	47	2	15
48	6	48	2	16
49	6	49	2	17
50	6	50	2	18
51	7	51	2	19
52	7	52	2	20
53	7	53	2	21
54	7	54	2	22
55	7	55	2	23
56	7	56	2	24
57	7	57	2	25
58	7	58	2	26
59	7	59	2	27
60	7	60	2	28
61	8	61	2	29
62	8	62	2	30
63	8	63	2	31
64	8	64	2	32

Unit #	Floor	Punch Down Pair #	Gateway #	Gateway Port #
65	8	65	3	1
66	8	66	3	2
67	8	67	3	3
68	8	68	3	4
69	8	69	3	5
70	8	70	3	6
71	9	71	3	7
72	9	72	3	8
73	9	73	3	9
74	9	74	3	10
75	9	75	3	11
76	9	76	3	12
77	9	77	3	13
78	10	78	3	14
79	10	79	3	15
80	10	80	3	16
81	10	81	3	17
82	10	82	3	18
83	10	83	3	19
84	10	84	3	20
85	10	85	3	21
86	11	86	3	22
87	11	87	3	23
88	11	88	3	24
89	11	89	3	25
90	11	90	3	26
91	11	91	3	27
92	11	92	3	28
93	11	93	3	29
94	12	94	3	30
95	12	95	3	31
96	12	96	3	32
97	12	97	4	1
98	12	98	4	2
99	12	99	4	3

