

## Department Breakdown

Department	Nodes	Locations
HR	25	all 25 on floor 1
Finance	28	all 28 on floor 1
Sales & Marketing	25	split 16 on floor 1, 9 on floor 2
Legal	25	all 25 on floor 2
IT	46	split 36 on floor 2, 10 on floor 3
Security	16	all 16 on floor 3
Communications	22	all 22 on floor 3
Business Consultants	61	split 27 on floor 3, 34 on floor 4
Client Management	31	all 31 on floor 4
Research and Analysis	16	split 4 on floor 4, 12 on floor 5
Project Management	16	all 16 on floor 5

**Totals** (~17 access level switches)

Floor	Switches	Nodes
Floor 1	3	25, 28, 16
Floor 2	3	9, 25, 36
Floor 3	4	10, 16, 22, 27
Floor 4	3	34, 31, 4
Floor 5	2	12, 16

## Notes:

- Each department should be networked with future expansion in mind
  - o at least one step higher than required number of ports to accommodate growth
  - o will also provide "executives" the connectivity they will require (see below)
  - o will also provide space for ap connection
- Assignment brief mentions executives:
  - o "...executives without their own offices are accommodated in standard cubicles situated alongside other staff members within their respective departments..."