**Department Breakdown**

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