Worksheet : Inside Google's Data Center Security.

1. <u>What does security level one refer to ?</u>

The property boundaries

2. <u>What does it include ?</u>

It includes signage and fencing

3. <u>How else is layer 2 known ? detail what you see</u>

The scare perimeter (main entrance gate)

There a barrier that opens when the security guard gets a green light

Smart fencing, security cameras, 24/7 guard patrols

They make a corelation analysis of where people have been

There are guards in vehicles, on foot, there's a vehicle crash barrier (designed to stop a fully loaded truck)

They've got anti-climbing fences, equipped with fiber techology (they can know if someone is near the fence or touches it)

Thermal cameras and standard cameras are used to see video footage at night.

4. <u>What does the visitor need to be allowed to get into the security lobby ?</u>

A visitor's card + iris scan (to authenticate the visitor) +only one person is allowed to badge through the door at a time.

5. <u>What does layer 4 include and what does it do?</u>

The security operation center (SOC). It's a hive of activity that is monotoring the data center 24/7 and 365 days a year. Everything dealing with security is connected to SOC , it's the brain of the security system.

6. <u>What's the characteristic of layer 5 ?</u>

Less than 1% of Googlers are allowed so set foot there . As-needed- only- access area .

7. <u>So who gets to go there and what for ?</u>

Only engineers and technicians get to get there, to maintain upgrade and repair the equipment.

8. <u>What about the data stored there ?</u>

The data there is encrypted and customers can issue and keep their own encryption keys.

9. <u>What's being done in layer 6 ?</u>

Disks are erased and destroyed. Only technicians of this floor are allowed to pull out the disks and destroy them