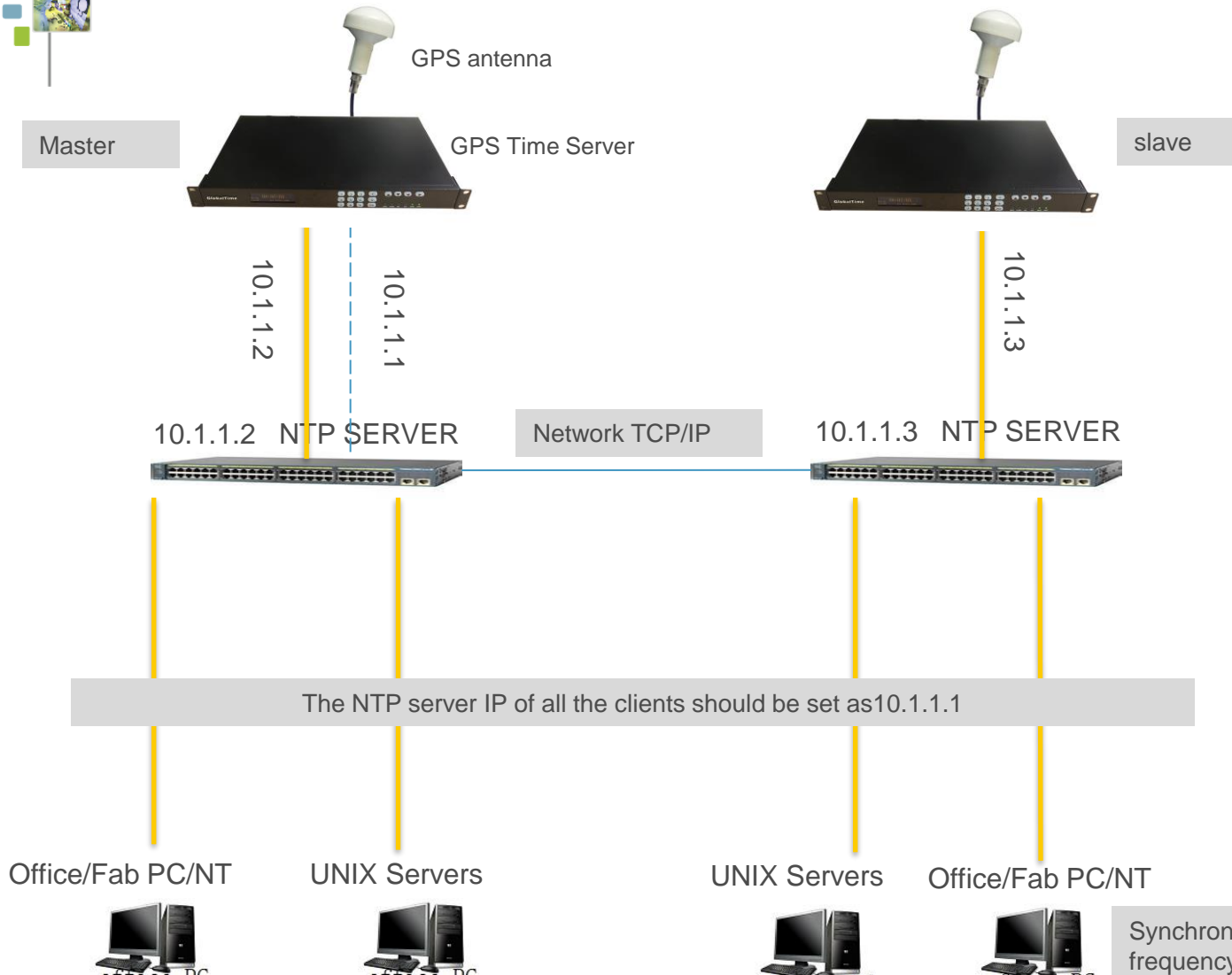




Topology of NTP Server for Redundancy

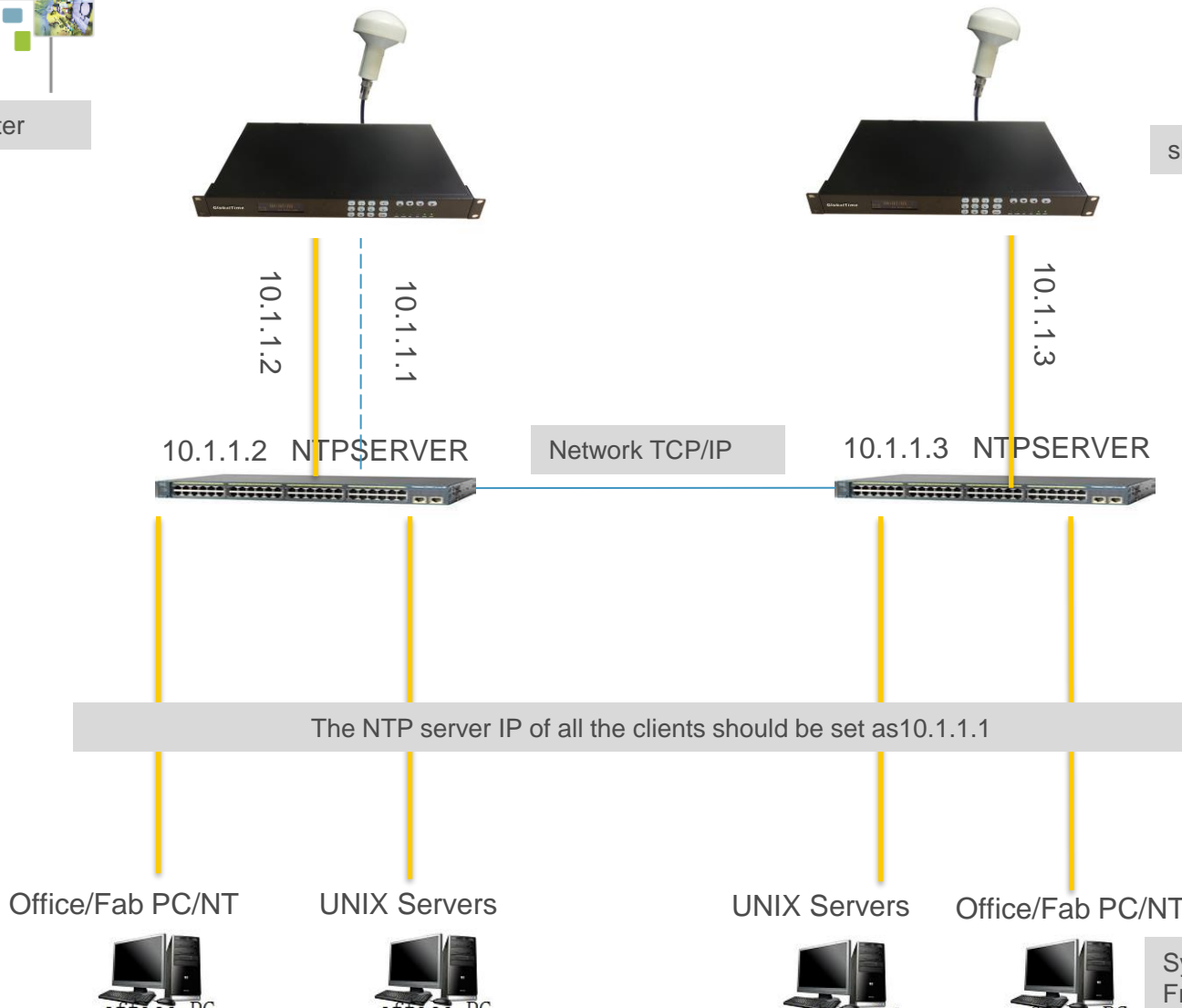


10.1.1.1 is the virtual IP of the port eth2; 10.1.1.1 and 10.1.1.2 or 10.1.1.3 are from the same port

Synchronization frequency:
NT-- 60 minutes
PC-- 8 Hours



Status 1: Master and slave servers are both working normally



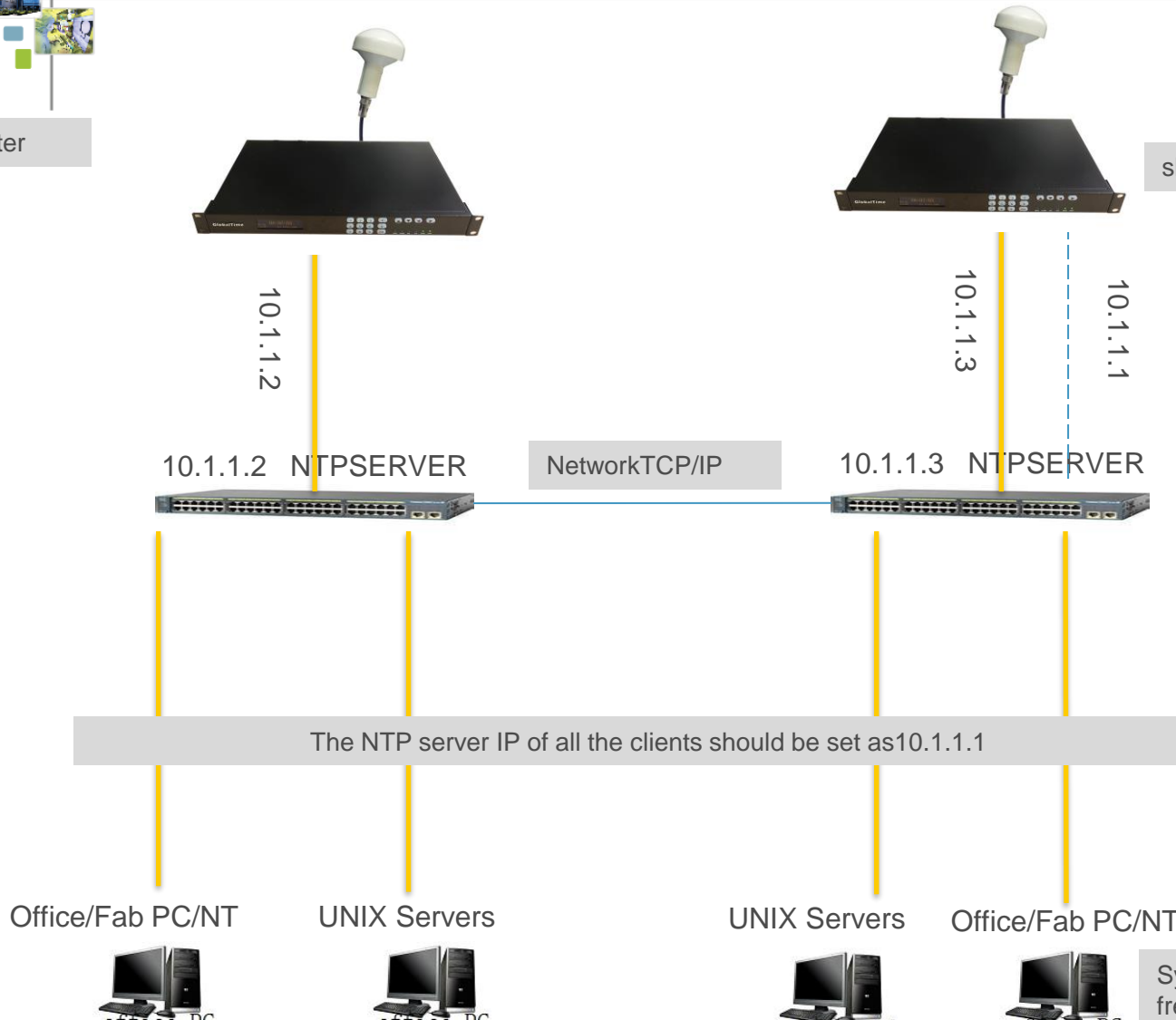
slave

The IP will not float when both the master and slave server are working well or have problems at the same time

Synchronization
Frequency:
NT-- 60 minutes
PC-- 8 hours



Status 2: Master server performs normally, but slave server has problem

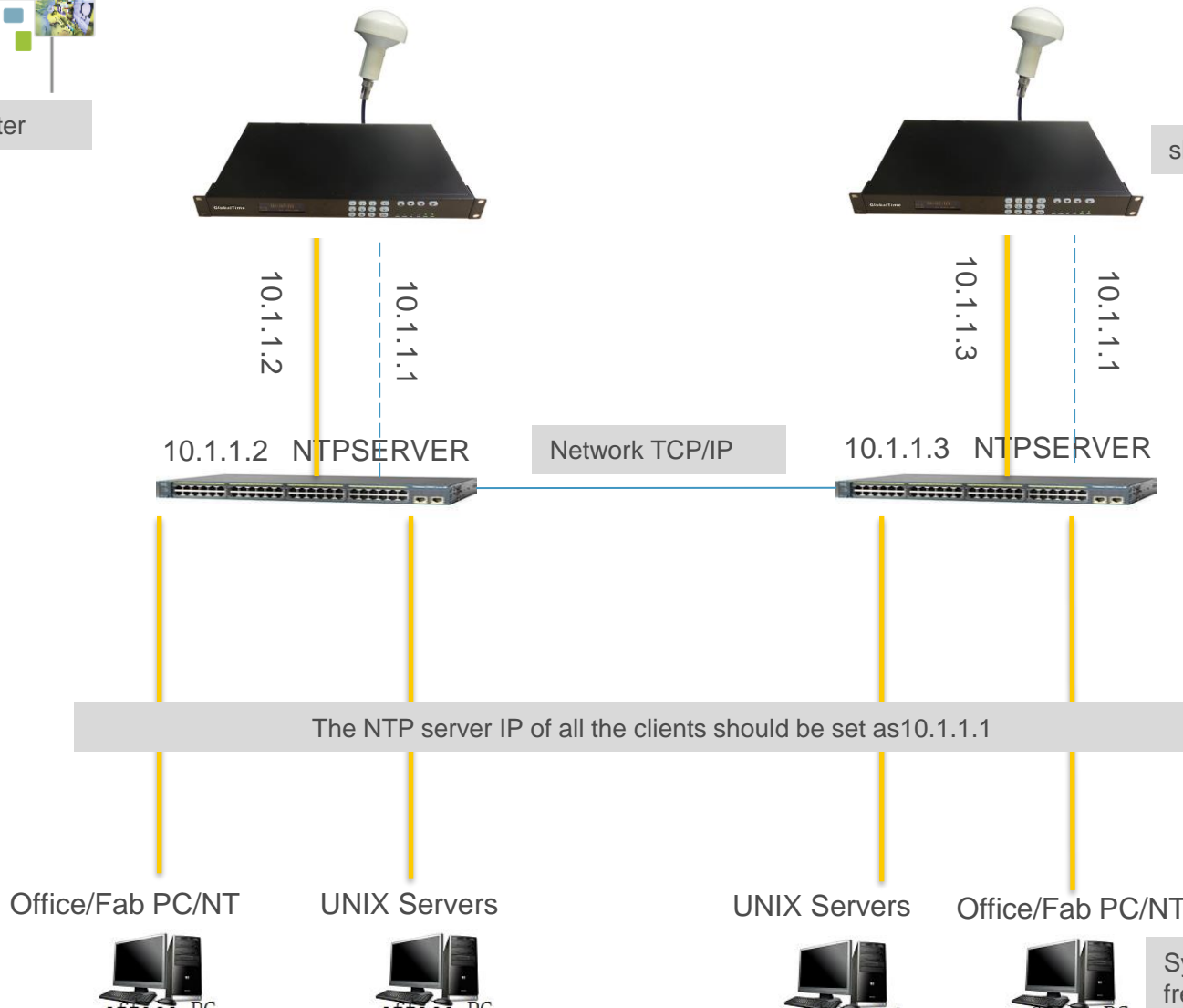


When master can get satellite signal but slave can not or when the root error of the master is abnormal but of the slave is normal, 10.1.1.1 will float to the other server.

Synchronization frequency:
NT-- 60 minutes
PC-- 8 hours



Status 3: When there are network problems between master and slave server



When there are network problems, both the master and slave will use the virtual IP 10.1.1.1. As soon as the network problems are solved, the IP 10.1.1.1 will float to the server whose status is better than the other's, and the other server will not use the virtual IP.

Synchronization frequency:
NT-- 60 minutes
PC-- 8 hours



Status 4: When the master and slave can communicate normally

