Fault tolerant system/Passive redundancy (Automated Drone System)

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Portion of Scenario	Possible Values
Source	External: When one of the primary Tower fails to provide service to the drone system
Stimulus	Crash
Artifact	System
Environment	Normal Operation
Response	Prevent the failure
Response Measure	Availability %

Mobile Tower(Primary source) and Satellite Tower(Secondary source) sends heartbeats to Drone sensor continuously. Mobile tower communicates with the satellite tower (notification signal) by sending notification in case of failure. Due to some software failure in mobile tower it notifies Satellite tower to be the primary source of communication. Now Satellite tower becomes the primary source of communication and it provides services to the drone system.

Thus, fault tolerant system is implemented where Satellite tower acts as back up due to software failure in mobile tower.