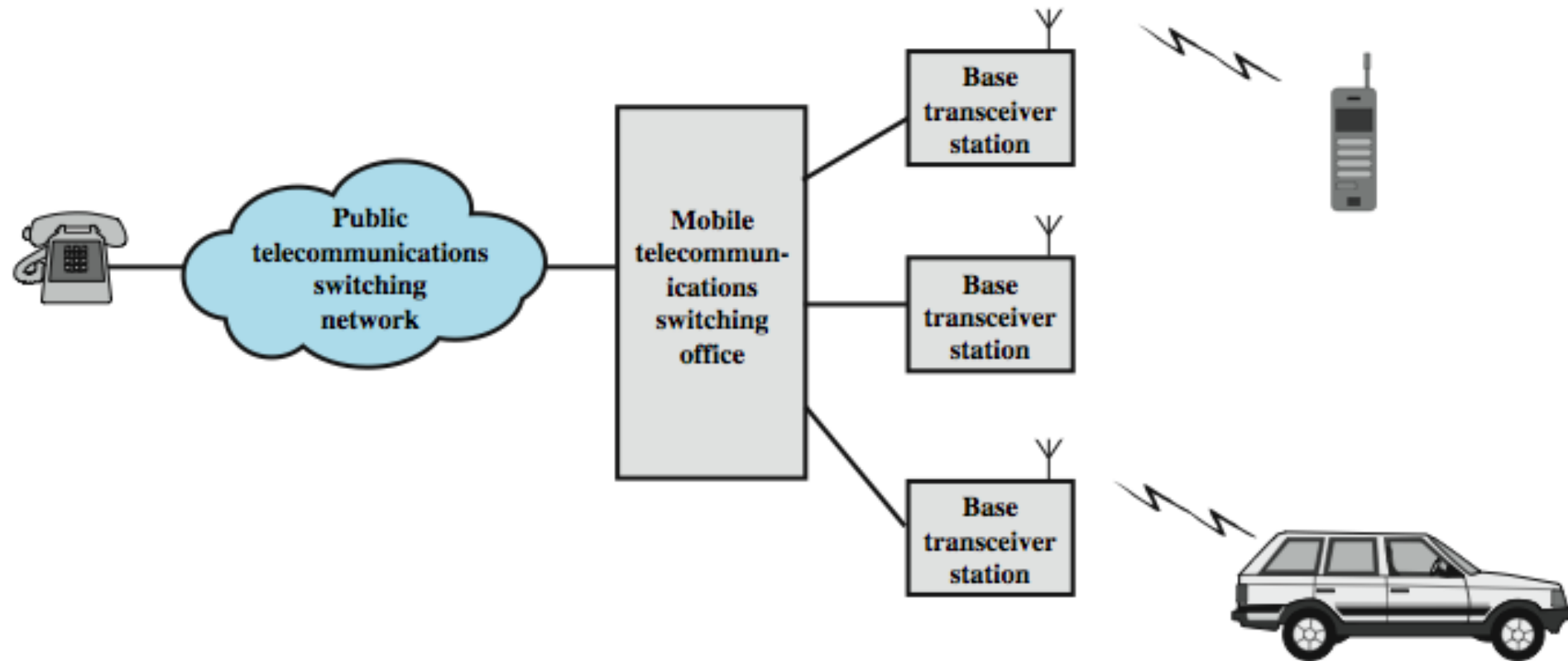


Overview of Cellular System



Wireless Communication Definitions

- **Base Station**
 - A fixed station in a mobile radio system used for radio communication with mobile stations.
 - Base stations are located at center or on the edge of a coverage region and consist of radio channels and transmitter and receiver antennas mounted on a tower.



- **Forward Channel**
 - Radio channel used for transmission of information from the **base station** to the **mobile**.
- **Reverse Channel**
 - Radio channel used for transmission of information from the **mobile** to the **base station**.
- **Control Channel**
 - Radio channel used for transmission of call setup, call request, call initiation and other control purposes.



- **Mobile Switching Center**
 - Switching center which coordinates the routing of calls in a large service area. In a cellular radio system, MSC connects the cellular base station and mobiles to PSTN.
- **Page**
 - Brief message which is broadcast over the entire service area.
- **Transceiver**
 - A device capable of simultaneously transmitting and receiving radio signals.

