Modern smartphone OS resemble a traditional general purpose with cloud computing in OS. A phone can turned in web server and can handle multiple clients and user interaction. At the same time, with developer operation. It is like a real-time system in terms of deadlines. If it freezes user feel his phone is broken and it cause some financial damage to the company. It is like embedded, especially in SIM card. It has no user space, and its one job is telecommunication.