

Pre-3G

3G

Wireless LAN

Cellular, Wireless and Mobility Infrastructure & Technology

4 Applications

Voice

Push-to-Talk
E-mail
Messaging
Paging

AIRTIME for Professionals
Documents to Go
Salesforce Mobile
Mobile Dashboard
Xora GPS TimeTrack
WebTech Quadrant System

CellTrack
MediMobile
TeleNav Track
PortNexus Associate
Win-Hand
Handheld Contact
Integrated Voice/Data

Mobile Desktop

3 Network



2 Data Link

AMPS
TACS/ETACS

GSM

GPRS

EDGE

DECT

UWC-136
EDGE

UTRA TDD
TD-SCDMA

CDMA2000
EV DO

W-CDMA
HSPA (UMTS)

Wi-Fi

WIMAX

1G

2G

2.5G

3G

802.11bgn

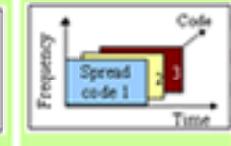
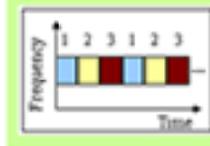
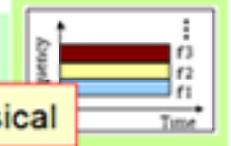
802.16

1 Physical

FDMA

TDMA

CDMA



IMT-2000

FDMA
TDMA

TDMA
Single
Carrier

CDMA
TDMA

CDMA
Multi-
Carrier

CDMA
Direct
Spread

OFDM

OFDMA



Air

400 MHz to 900 MHz

1700 MHz to 2100 MHz

2.3 GHz to 5 GHz

