



AirPrime® MC Series

Distributor and Customer Technical Training

Format: Classroom, Instructor-led

Duration: 1 day

Intended Audience

Distributors and OEM customers who are embedding Sierra Wireless Modules into their end devices.

Prerequisites

It is recommended that participants have a high degree of computer literacy, OEM hardware integration experience and familiarity with platform design.

Topics

Product Architecture

- Overview of hardware and software
- USB architecture
- Sierra Wireless interface protocol

Integration Considerations

- Connector, power, antenna, SIM interface, GPS and audio considerations
- Electromagnetic interference
- Thermal considerations
- Win CE development
- Linux driver and SDK

Development Troubleshooting

- Use of module hardware development kit vs. platform
- Overview of logging (firmware, Driver, protocol and software)
- Reporting field issues

Product Certification

- CDMA and GSM Carrier Certification process
- Industry Certification (GCF and PTCRB)

Additional Resources

- Sierra Wireless OEM Portal



Learning Outcomes

Upon completion of this course, participants should:

- understand the integration considerations for embedding Sierra Wireless products into a device
- be familiar with the latest hardware details and specifications of Sierra Wireless modules
- understand carrier and industry certification processes



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