

LMDS : Technical Consideration of Implementation in Bangkok, Thailand

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Agenda

- ⇒ What is LMDS?
- ⇒ Why LMDS in Bangkok?
- ⇒ Feasible Models
- ⇒ Major Considerations
 - Availability of service
 - Deployment Strategies
 - Field Survey
 - Rain Attenuation
- ⇒ Conclusion

What is LMDS?

- ⇒ Local Multipoint Distribution System
- ⇒ Mostly 28 GHz
- ⇒ Broad Wireless Solution
- ⇒ High Bandwidth (~1.3 GHz by FCC)
- ⇒ Line-of-Sight Communication
- ⇒ Multiple Access
- ⇒ Application

City of Bangkok

- ⇒ Nature Aspect
 - 10 Million Population
 - High Dense city (10 x 10 miles dense area)
 - Narrow Streets
 - Traffic Jam