

IEEE P802.11

Wireless LANs

Liaison Information from T1P1

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Attached is a presentation summarizing activities in T1P1, particularly T1P1.1 as they relate to 802.11.

Liaison from T1P1 to 802.11 - Agenda

- T1P1 working groups
- Purpose and scope of T1P1.1
- Network interfaces
- Data capabilities
- Urgency of the low power interface

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T1P1.1 - Program management

- Plan activities of organizations involved in the development of standards for personal communications
- Negotiate milestones
- Agree on responsibilities
- Track and report on progress

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Proposed structure

- A Joint Management Team of member organizations
 - Other T1 committees
 - TIA TR45
 - IEEE
- Issues
 - Which organizations
 - Decision making authority
 - Sponsoring organization to empower team

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T1P1.2 - Wireless access

- Working on
 - Functional requirements and models
 - Functional and physical architectures
 - Functional and physical interfaces
- Goal: Draft recommendation of air interface by 4Q92

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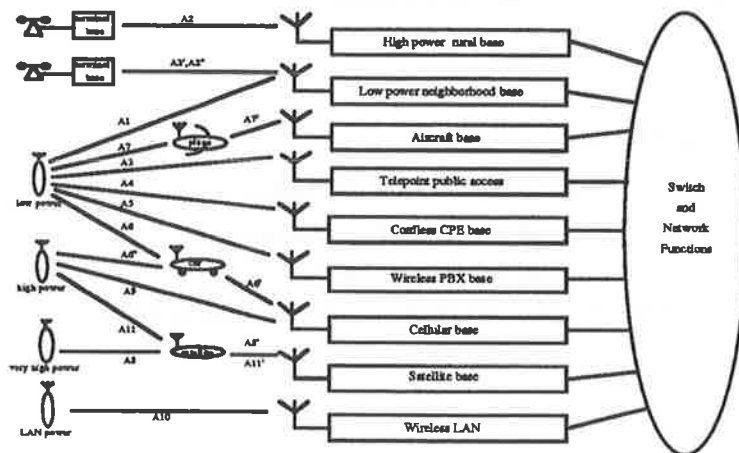
T1P1.3 - Services and architectures

- Working on
 - Definitions
 - Service descriptions
 - Service and system objectives
- Resolving numbering issues
- Developing service and systems objectives descriptions on the low power radio interface which will be sent to T1E1 for their work

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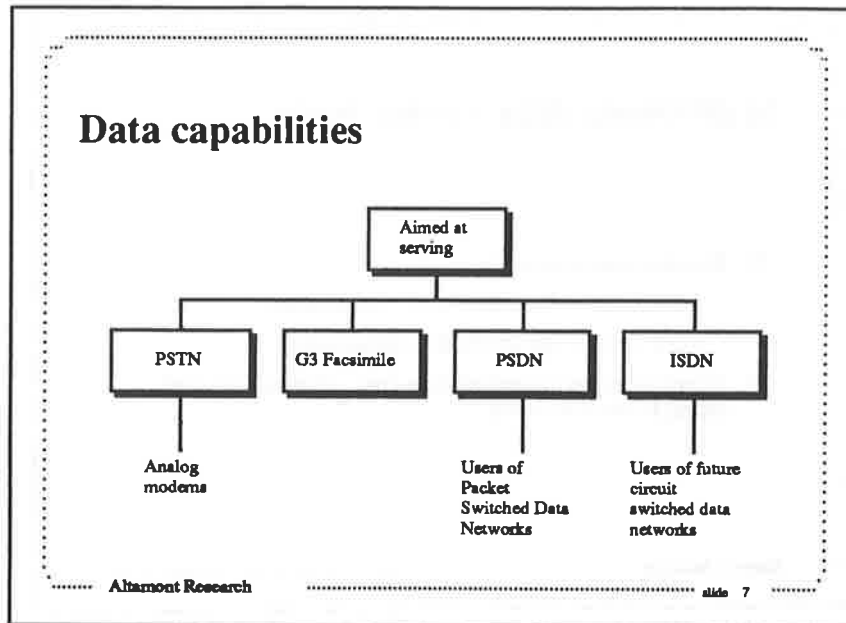
Network interfaces



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Liaison Statement from T1P1 to IEEE 802.11



- ### Asynchronous data service goals
- Asynchronous data using the following protocols
 - V.120 for ISDN
 - X.25 for PSDN
 - Modems for PSTN
 - G3 Facsimile
 - Transparent end to end service from wireless network through wired network
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Synchronous data service goals

- Synchronous data rates
 - Up to 14.4 Kbps for PSTN connections
 - Up to 64 Kbps for ISDN connections
- Transparent end to end service from wireless network through wired network

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Urgency of the low power interface

- The FCC announced that it intends to provide proposed rules for wireless access for PCS in 1992
- Interest by many segments of the US telecommunications industry
- Rapidly progressing work internationally

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