

IEEE P802.11

Wireless LANs

Liaison Information from T1

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Attached is a presentation summarizing the status of activities within T1 relating to 802.11.

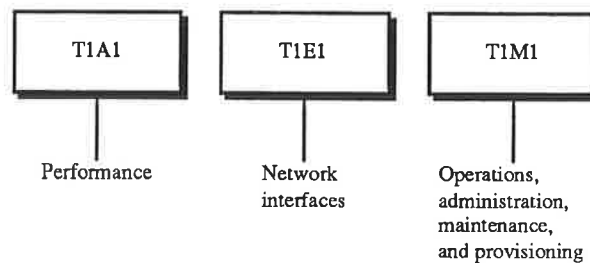
Liaison from T1 to 802.11 - Agenda

- ⊗ T1 overview
- ⊗ T1E1 activities on wireless
- ⊗ JTC with TIA TR 45.4
- ⊗ Network interfaces
- ⊗ Data capabilities

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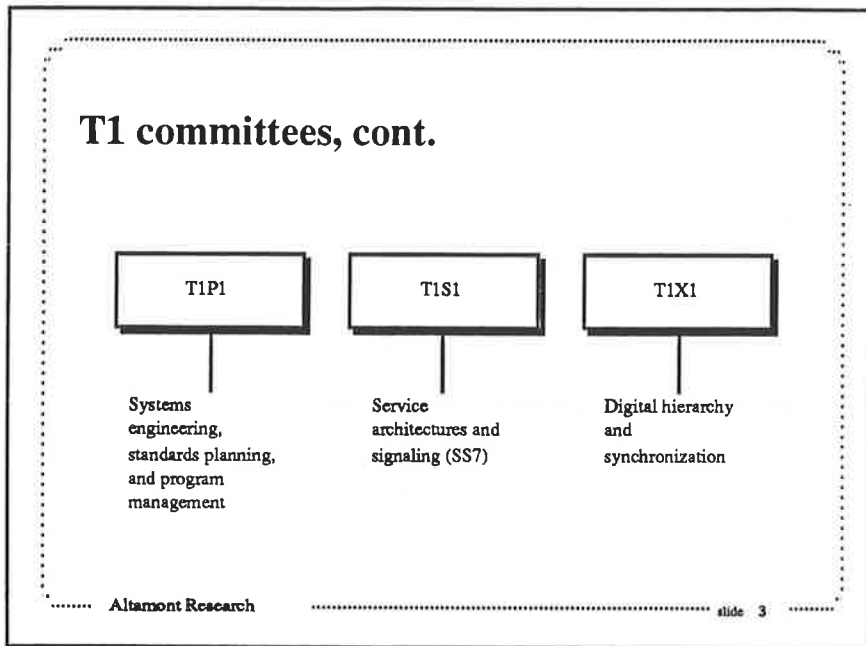
T1 committees



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Liaison Statement from T1 to IEEE 802.11



- ### T1E1
- ⊕ Works on user to public network interfaces
 - ⊕ Will develop a Wireless Access Interface in T1E1.9
 - ⊕ Will focus on the low power interface initially
 - ⊕ Interface with T1P1
 - Services to be supported
 - System objectives
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TIA TR 45

- ⊕ Develops standards in response to inputs from member organizations including
 - CTIA
 - Telocator
 - T1
- ⊕ TR 45.4 has been formed to focus on PCS
- ⊕ TR 45.4.4 has been formed to work on the air interface
- ⊕ Composed of equipment manufacturers

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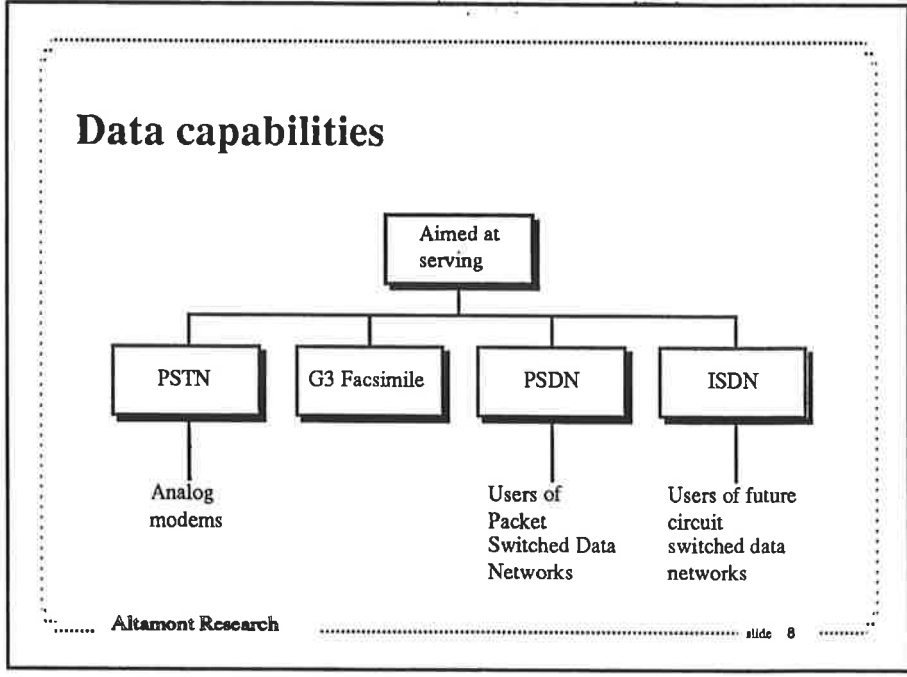
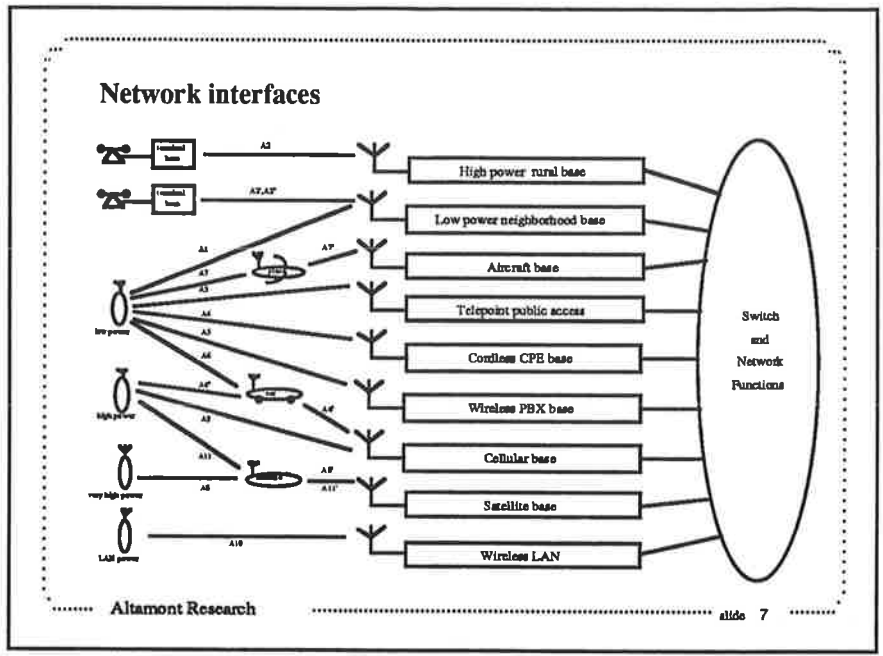
JTC for developing low power interface

- ⊕ T1E1.9 and TIA TR45.4.4 meet jointly
- ⊕ Are developing alternative interfaces
- ⊕ Presently there about 4 alternatives
- ⊕ Are developing comparison criteria

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Synchronous data service goals

- ⊖ Synchronous data rates
 - Up to 14.4 Kbps for PSTN connections
 - Up to 64 Kbps or multiples of 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

- ⊖ FCC and politically encouraging climate
- ⊖ Interest by many segments of the US telecommunications industry
- ⊖ Rapidly progressing work internationally

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