

A Thin MAC for P2MP

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P2MP doesn't need...

- Half-duplex
 - Collisions
 - Jam
 - Back-off
 - Retry
 - Carrier Extension
 - Bursting
- Deference - IPG

Confusion to reader

- Significant time spent learning about and implementing a feature rich MAC
- P2MP only uses a handful of the functions
 - FCS
 - Data movement
 - TransmitFrame
 - BitTransmitter
 - TransmitBit

Remove the Confusion

- Point to a new MAC clause
- Re-write Clause 4, stripping out everything that is unnecessary for P2MP
- See example text

Features of the New Clause

- Reduction from 40 pages to 22
 - Remove 2 of 5 pages of Introduction (4.1)
 - Remove 6 of 13 pages of Pascal description
 - Remove 7 of 16 pages of Pascal
 - Remove $\frac{1}{2}$ of 3 pages of Interfaces to adjacent layers
 - Remove $2\frac{1}{2}$ of 3 pages of parameters