

IEEE 802.11
Wireless Access Method and Physical Layer Specifications

Title: **Presentation Material for the RC4 - WEP Discussion**

Author: Dave Bagby
 AMD
 Email: david.bagby@amd.com

This document (distributed at the meeting as D95a.ppt) contains the slides used to discuss a change to the Wired Equivalency Privacy (WEP). It is a proposal to simplify the WEP, based on comments contained in document 95/112

WEP Privacy mechanism Completion

- **Conditionally Adopt RC4 to Complete WEP.**
 - Best and Only technical solution proposed.
 - » Use of internet pseudo RC4 would likely result in legal action.
 - Well known alg, has withstood cryptographic test of time.
 - Takes advantage of RC4 special export status
 - Very reasonable implementation
 - » See previous papers
 - Proposed adoption conditions detailed in RC4 motion slide.
- **Proposed D1.2 text to support the motion contained in second page of doc 95/96.**