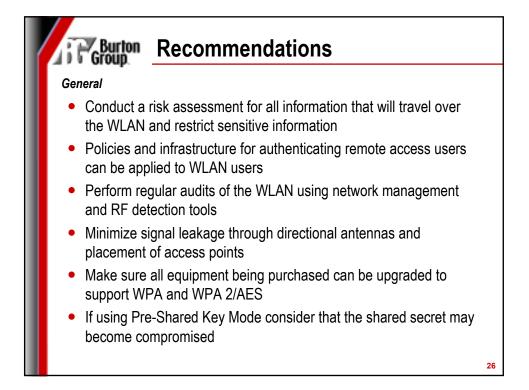
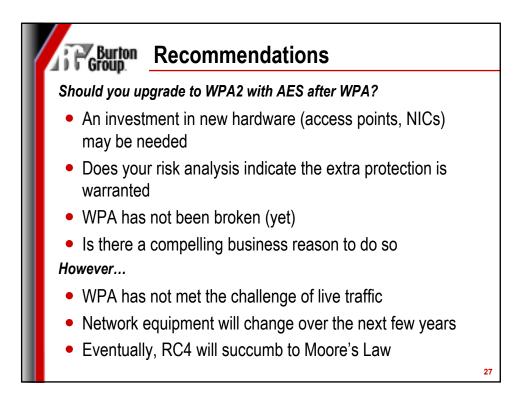


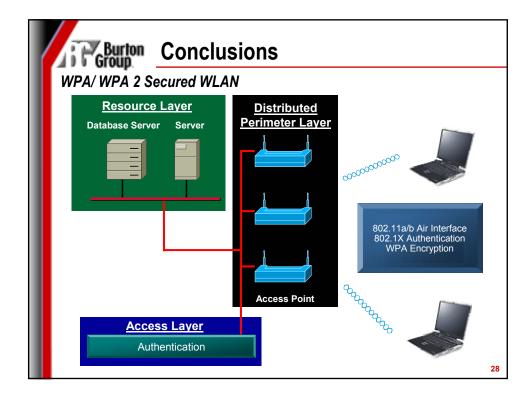
| Wi-Fi Protected Access 2 (WPA2) |              |   |             |
|---------------------------------|--------------|---|-------------|
|                                 |              |   |             |
| Cipher                          | RC4          | RC4   | AES         |
| Key Size                        | 40 bits      | 128 bits encryption<br>64 bits authentication | 128 bits    |
| Key Life                        | 24-bit IV    | 48-bit IV                                     | 48-bit IV   |
| Packet Key                      | Concatenated | Mixing Function                               | Not Needed  |
| Data Integrity                  | CRC-32       | Michael                                       | ССМ         |
| Header Integrity                | None         | Michael                                       | ССМ         |
| Replay Attack                   | None         | IV Sequence                                   | IV Sequence |
| Key Management                  | None         | EAP-based                                     | EAP-based   |

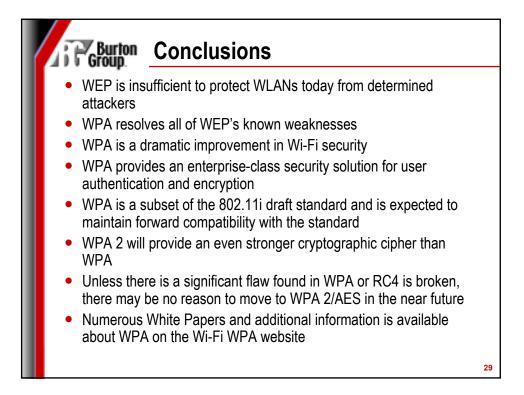
## AgendaWired Equivalent Privacy (WEP)The Promise of Wi-Fi Protected Access\* (WPA)Implementation IssuesWi-Fi Protected Access 2 (WPA2)Accommendations & ConclusionsQ & A

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## Q&A



- Michael Disabato, Panel Moderator
- David Cohen Chairman, Wi-Fi Alliance Marketing Security Task Group
- Jesse Walker Network Security Architect, Intel
- Dorothy Stanley System Architect, Agere Systems
- **Gene Chang** Vice President, Strategic Business Development, Funk Software