How to Set Up a Secure Wireless Network in Under a Minute

Lessons Learned

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Securing PARC's WLAN

- WEP was broken

- SecurID-based VPN not user-friendly

- 802.1x just released

  - EAP-TLS is certificate based

  - no password needed

  - secure *and* easy to use!

38 Steps to Wireless Bliss

A "Network in a Box"

Comparison

- **Time**: 140 minutes vs. 1.5 minutes

- **Confidence** ("I am confident that I just connected to the wireless network securely"): low vs. high

Lessons Learned

1. You cannot retrofit usable security

2. Tools are not solutions

3. Mind the upper layers

4. Keep your customers satisfied

5. Think locally, act locally