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- Mallory can snoop* iPad traffic through legitimate use
- Manipulate API for fun and profit



• Malloy can control the stoplight independently of the iPad

- MitM can snoop communications
 - Plaintext userid & password
 - Capture application data
 - Alter traffic

HTTPS is secure

HTTPS Issues

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 - Manipulate API for fun and profit
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* Even if the iPad app uses public key pinning

Diffie-Hellman