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DHS Software Assurance Forum

Panel: Securing Mobile Applications

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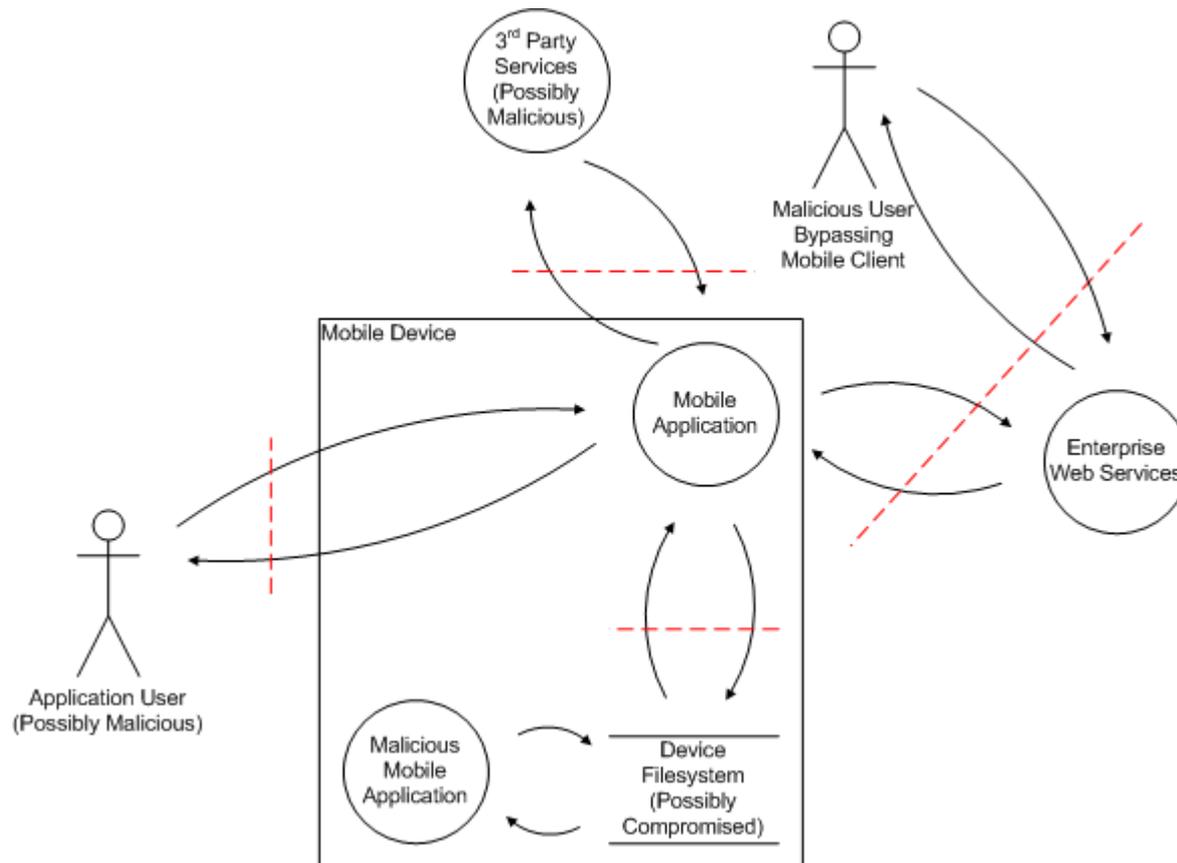
My Background

- Dan Cornell, founder and CTO of Denim Group
- Software developer by background (Java, .NET, etc)
- OWASP San Antonio, Global Membership Committee





Mobile Application Threat Model



Mobile Operating System Attack Surface

- User interface
- Wifi
- Bluetooth
- Near Field Communications (NFC)
- SMS/MMS

- Browser
 - *URI handling*



Concerns

- How do you protect the OS from the outside world?
- How do you protect the OS from malicious apps?
- How do you protect apps from one another?



Stakeholders

- Platform/OS Owners
- Carriers
- Hardware Manufacturers
- Enterprises
 - *Private Sector*
 - *Public Sector*
- App Developers
- Users



Conclusions and Questions

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