

Mobile India 2014 – Mobile Cloud

Security issues pertaining to adoption of mobile cloud services

Shreekanth Joshi- VP, Persistent Systems



PERSISTENT
Partners in Innovation



PERSISTENT

Lessons in Security

- Recent incident with a popular mobile application
- Application allows for sharing of content amongst friends where the application only allows for a single view and then deletes the content, avoiding copies
- Flaw in API provided by the service whereby it was easy to query associated contacts with a number, easily and out of context
- Eventually the flaw was exploited and a list of all users along with their numbers was published on the internet
- Raises questions around
 - How is third party data chaperoned
 - Who is it exposed to and in what context
 - What role does the application provider play in ensuring end user trust

Trends in mobile and cloud : security context



PERSISTENT

- BYOD
 - Profile management
 - Information security
 - Device management
- Mobile Payments
 - Secure identification
 - Trust Management

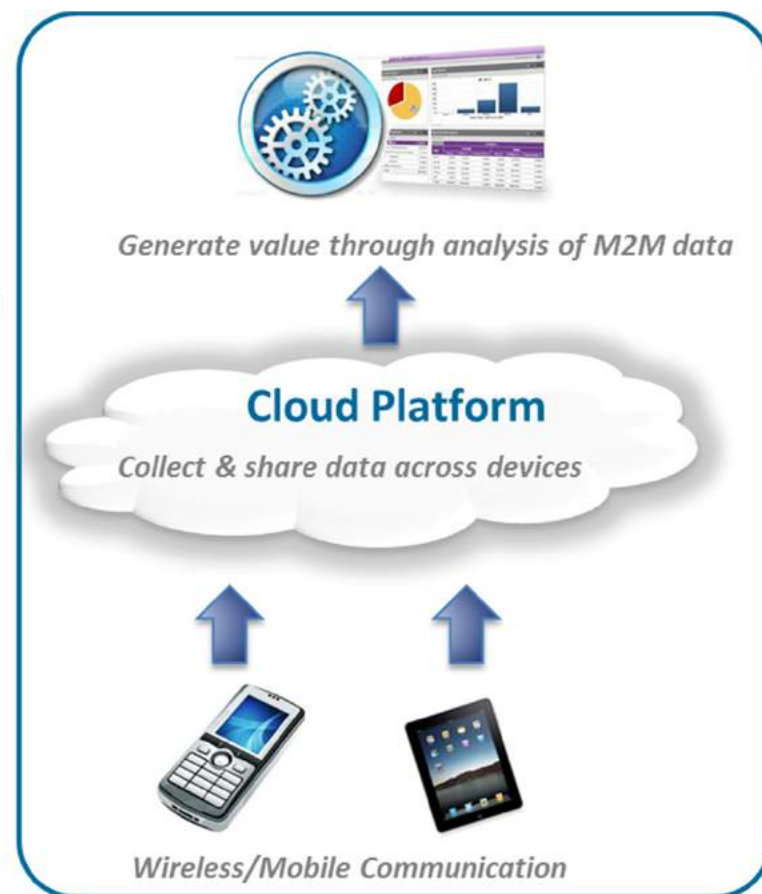
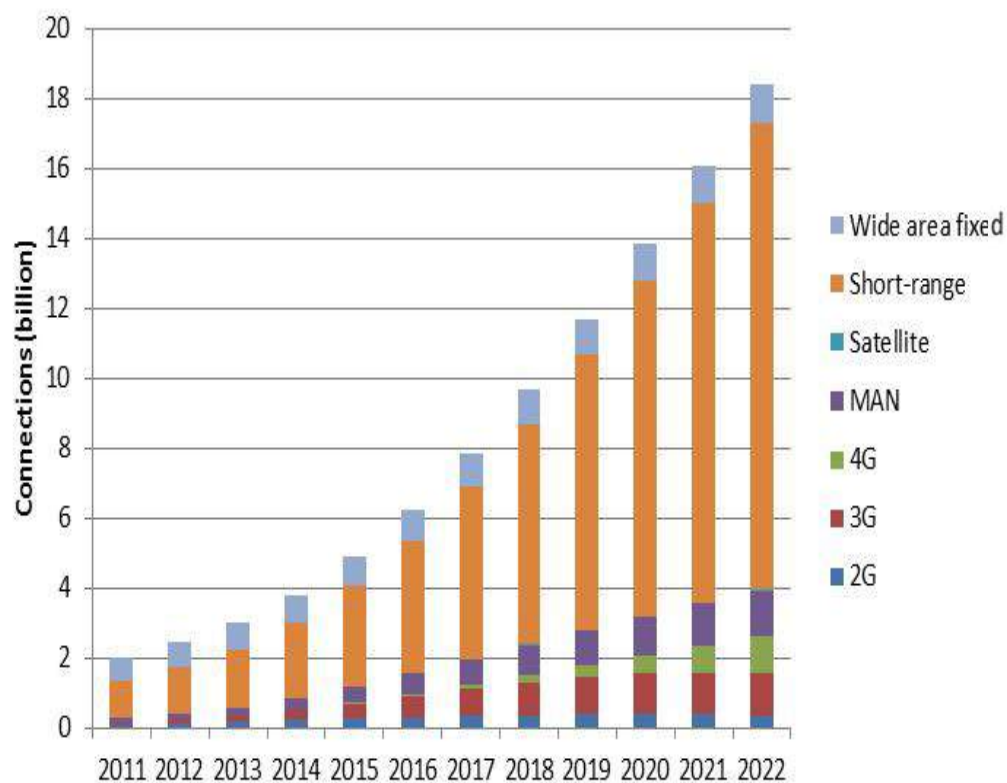


PERSISTENT

Global M2M Market Forecast

Global M2M connections 2011-22 by technology

Source: Machina Research, 2012





PERSISTENT

Possibilities

- Role of APIs in the combination of cloud and mobile
- Explosion of Apps and implication on APIs
- Mobile consumption will be driven largely by APIs
- API security will play center stage
- Mobiles will also play a role as gateways for sensors in IOT, thereby exposing APIs themselves back to the cloud



PERSISTENT

Thank You