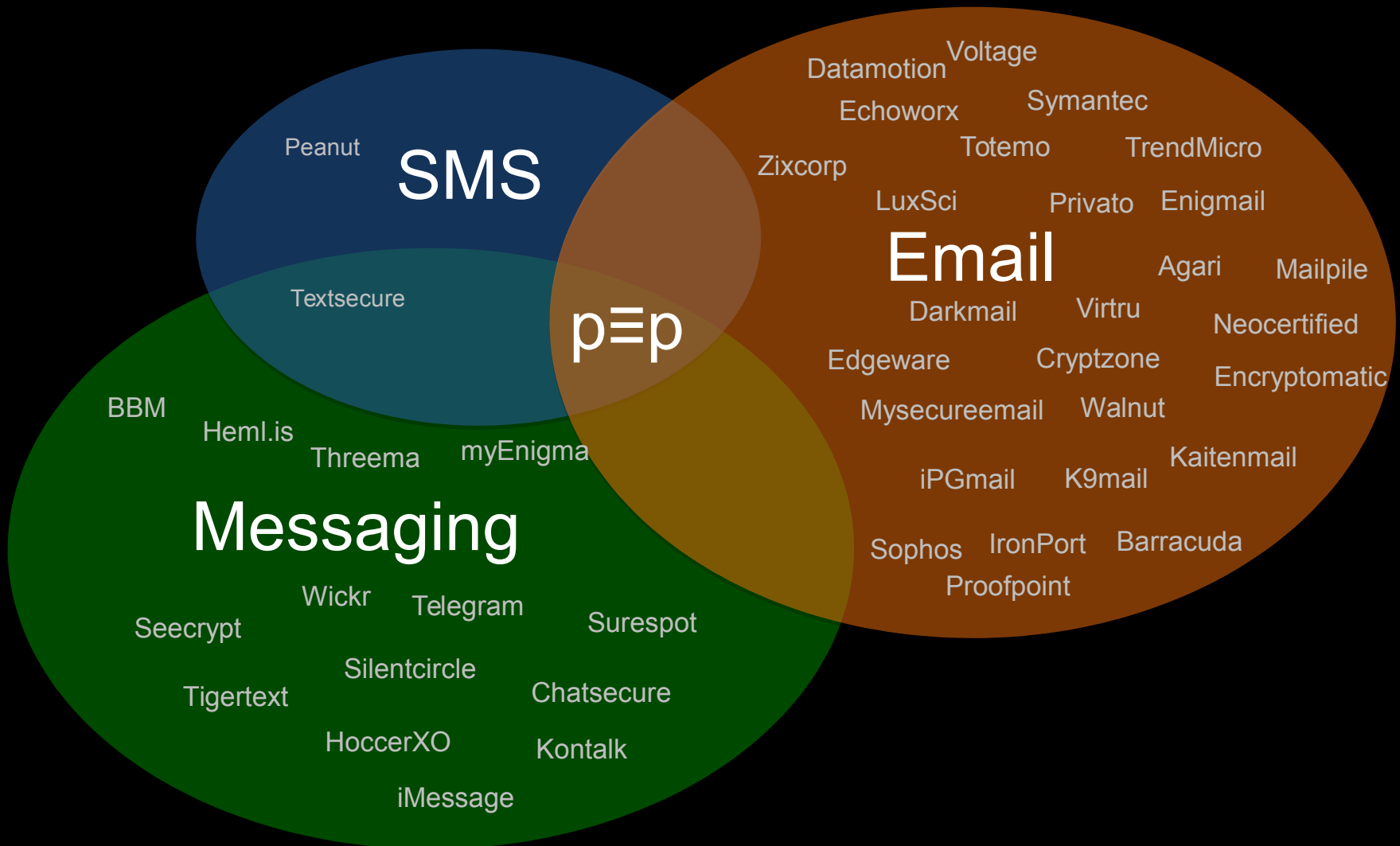


p E p

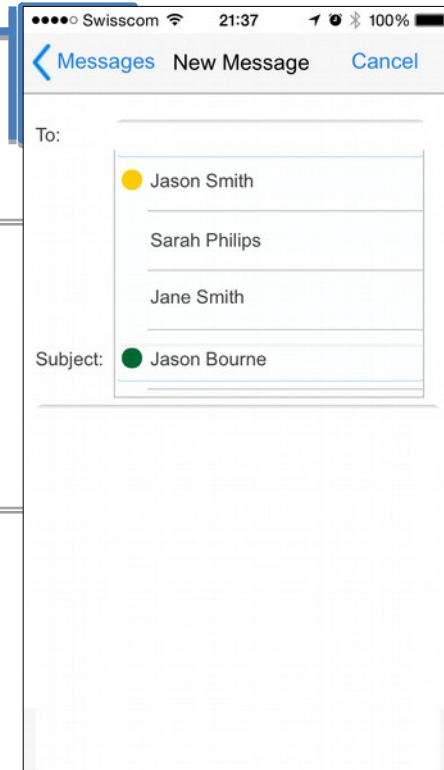
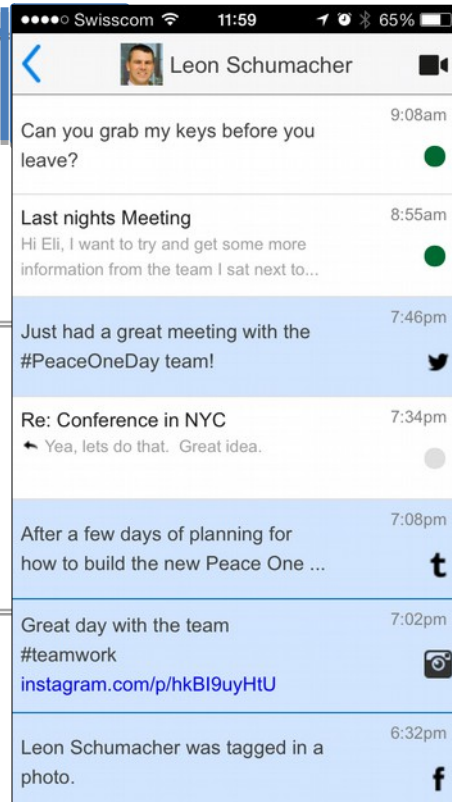
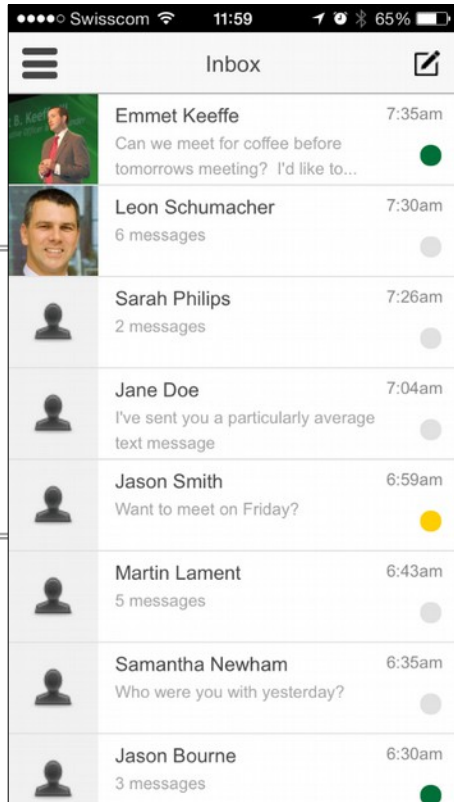
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pretty Easy privacy

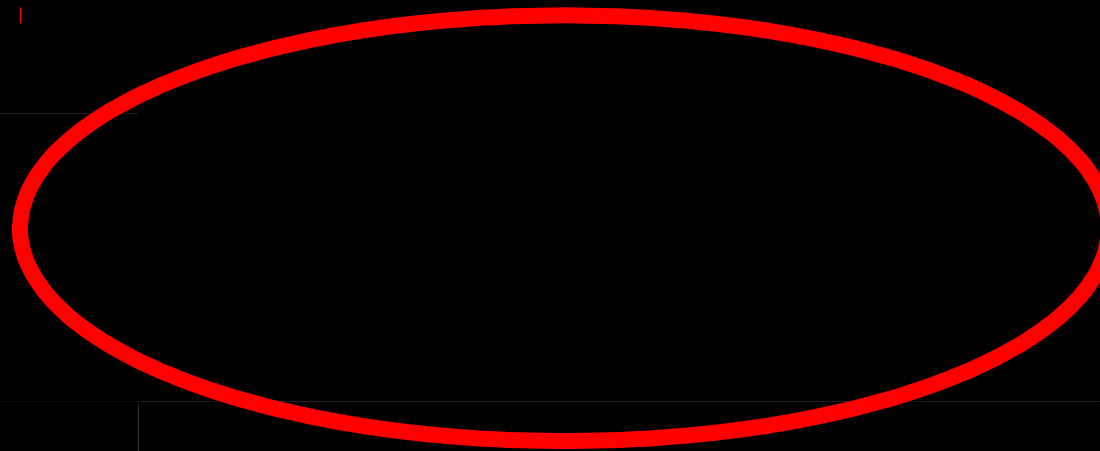
Landscape of Messaging Solutions



p≡p. iPhone Illustration.



$p \equiv p$. Supported platforms.



$p\equiv p$. Collaboration and Convergence.

$p\equiv p$ is collaborating with E-Mail, Jabber, WhatsApp, Twitter,... encrypts in OpenPGP, S/MIME, and many, many more.

Everything works together. $p\equiv p$.

$p \equiv p$ – Architecture

$p \equiv p$ iOs

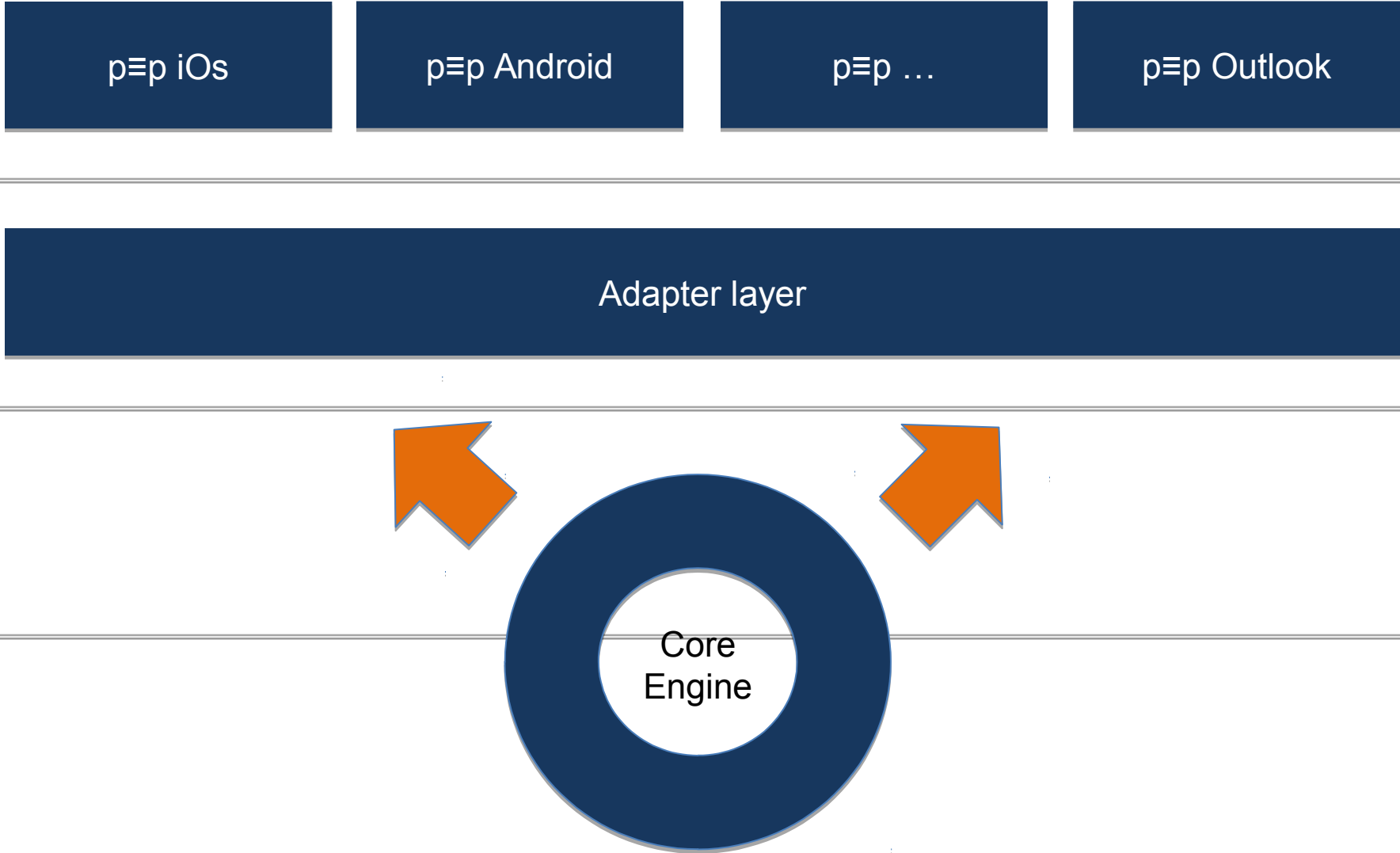
$p \equiv p$ Android

$p \equiv p$...

$p \equiv p$ Outlook

Adapter layer

Core
Engine

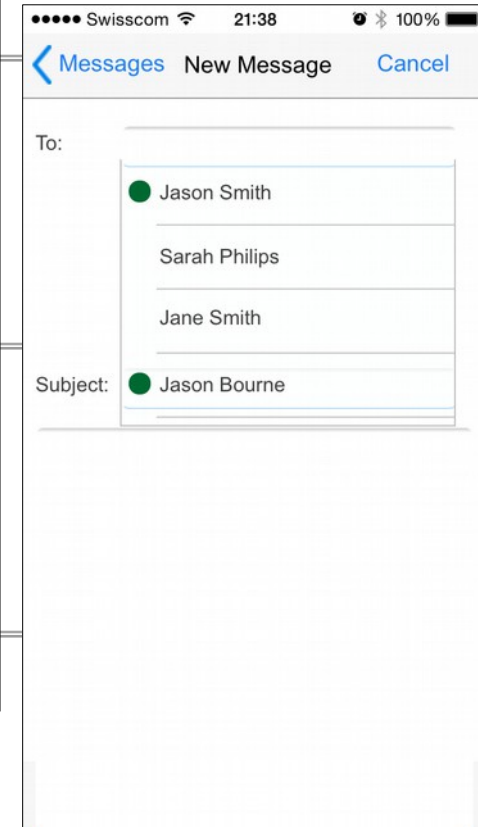
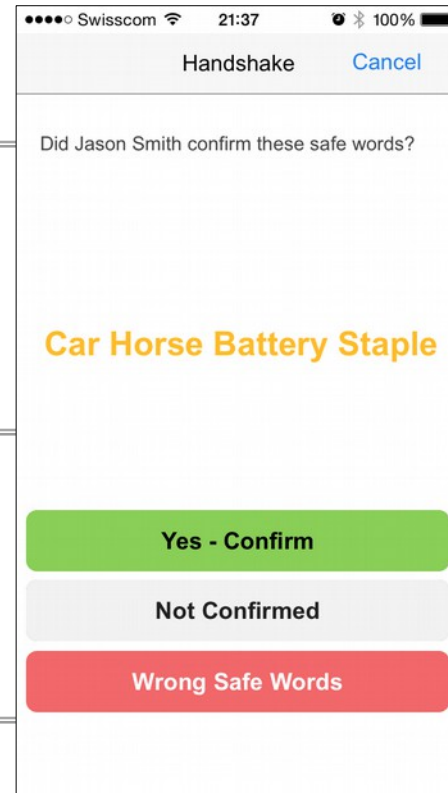
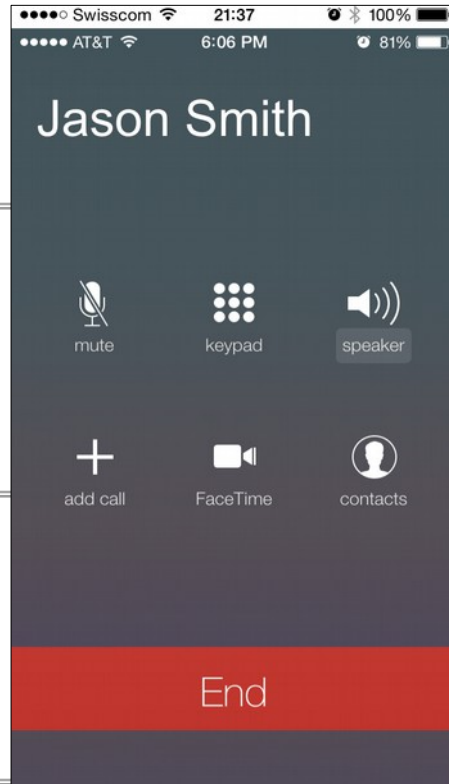
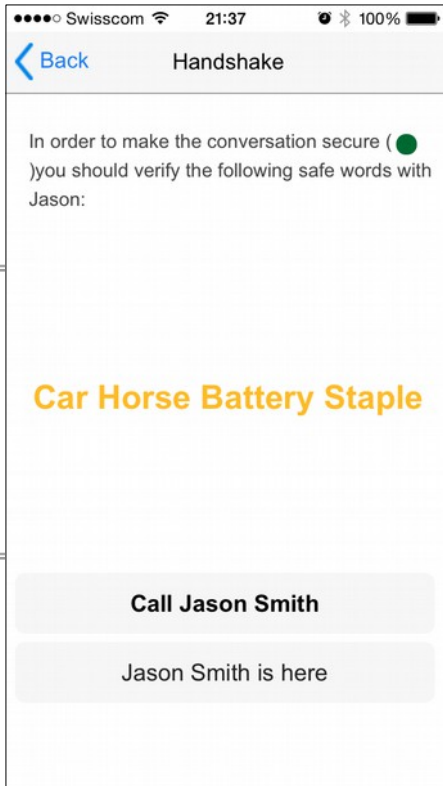


```
graph TD; subgraph Top; direction LR; A["p ≡ p iOs"]; B["p ≡ p Android"]; C["p ≡ p ..."]; D["p ≡ p Outlook"]; end; Adapter[Adapter layer]; subgraph Bottom; CE((Core Engine)); end; CE --> Adapter;
```

$p \equiv p$ Engine.

- Key Management System
 - Creates and Revokes own Key Pairs
 - Manages Public Keys of Communication Partners
 - Default: Key servers read-only, PKs as attachments
 - Default will change to not using key servers any more
- Trust Rating System
 - 1st: Rating is based on encryption
 - 2nd: If (and only if) highest rating for

p≡p. iPhone Handshake Illustration.



p≡p Engine.

- Transport System
 - E-Mail
 - Jabber, ...
 - Facebook API, ...
 - GnuNet
- Encryption System
 - OTR
 - OpenPGP: GnuPG, Fallback: NetPGP

$p \equiv p$ Engine.

- Synchronization System
 - Keys
 - Trust
 - Contacts
 - Calendar Events
 - ...

$p \equiv p$. Remember that?



Android



iPhone



Outlook



Apple Mail



iPad



Browser
Plugin



Enterprise
Version



Connector
Box

p≡p Engine.

- Browser-Plugin is just a p≡p Adapter
 - Key Management
 - Trust Rating
 - Transport
 - Encryption
 - Synchronization
- ECMAScript API

p≡p. Free Software.

p≡p is open-source and free software.

p≡p will synchronize keys between all devices and provide that way a back-up of your private key.

p≡p. Key Elements.

p≡p provides *zero-touch experience* with privacy on **ALL** your communication channels (E-Mail, Messaging, SMS...).

p≡p



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Thank you for your attention!