Beyond End to End

Phill Hallam-Baker
Users need

• Ability to communicate with any other user
  • Regardless of which messaging service provider they choose.

• Ability to change their messaging service provider at any time
  • I am a person, not your business model
  • Messaging address portability

• And stop using telephone numbers
Oh yes, some security would be nice
End-to-end Messaging Today

Alice

Bob

HAEF-GZ23-W39E-...
End-to-end is necessary, not sufficient

Contacts
Bob: HAEF-...

Alice

App

Bob

App

HAEF-GZ23-W39E-...
How do we fix it?

- Complete the messaging standards stack
  - Open and interoperable
  - Like the EU says it requires

- User controls their own contacts catalog
  - Cannot be tampered with

- User uses application of their choice
  - Remove the single point of failure
Mathmesh.com