

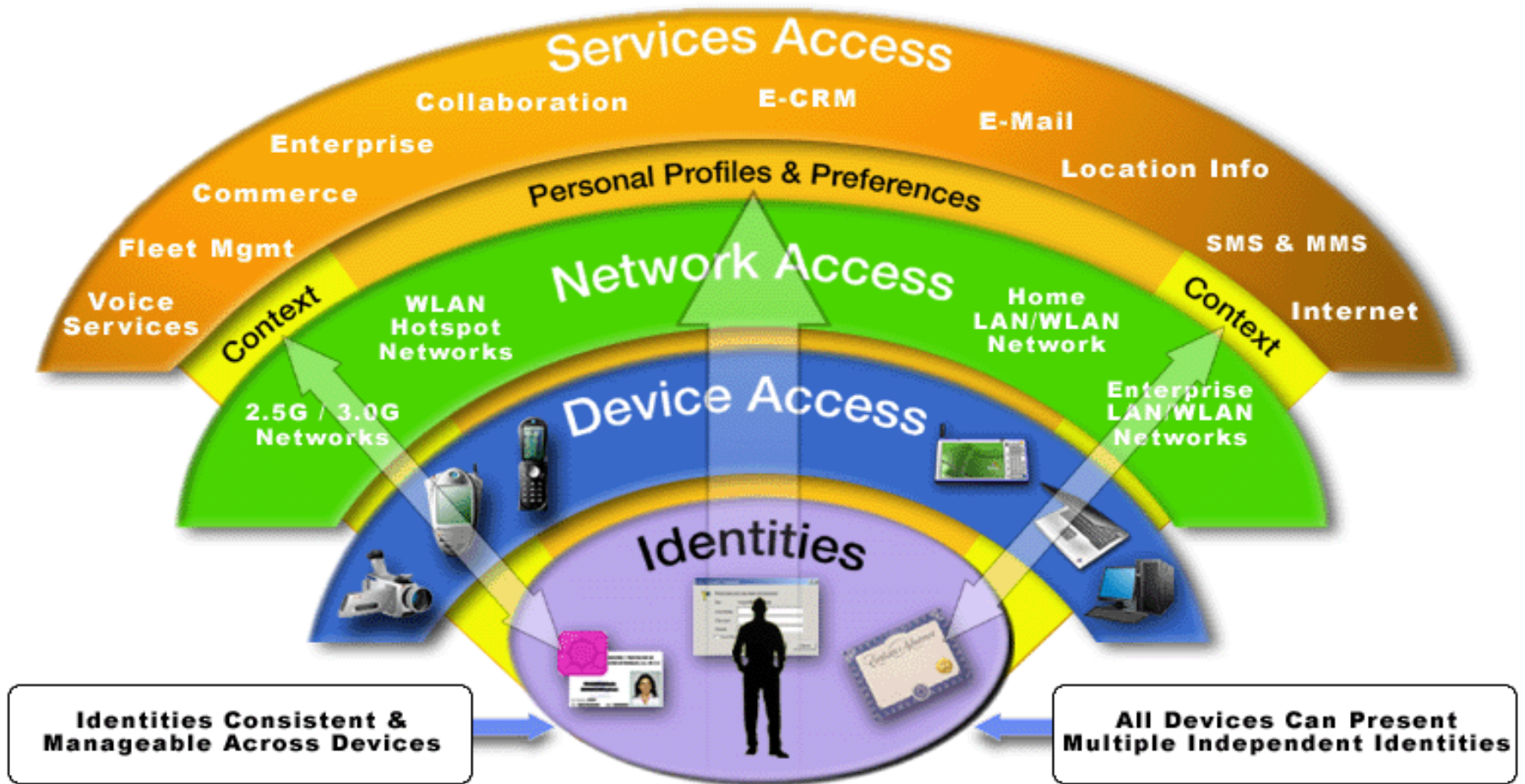


The Intel Identity Capable Platform

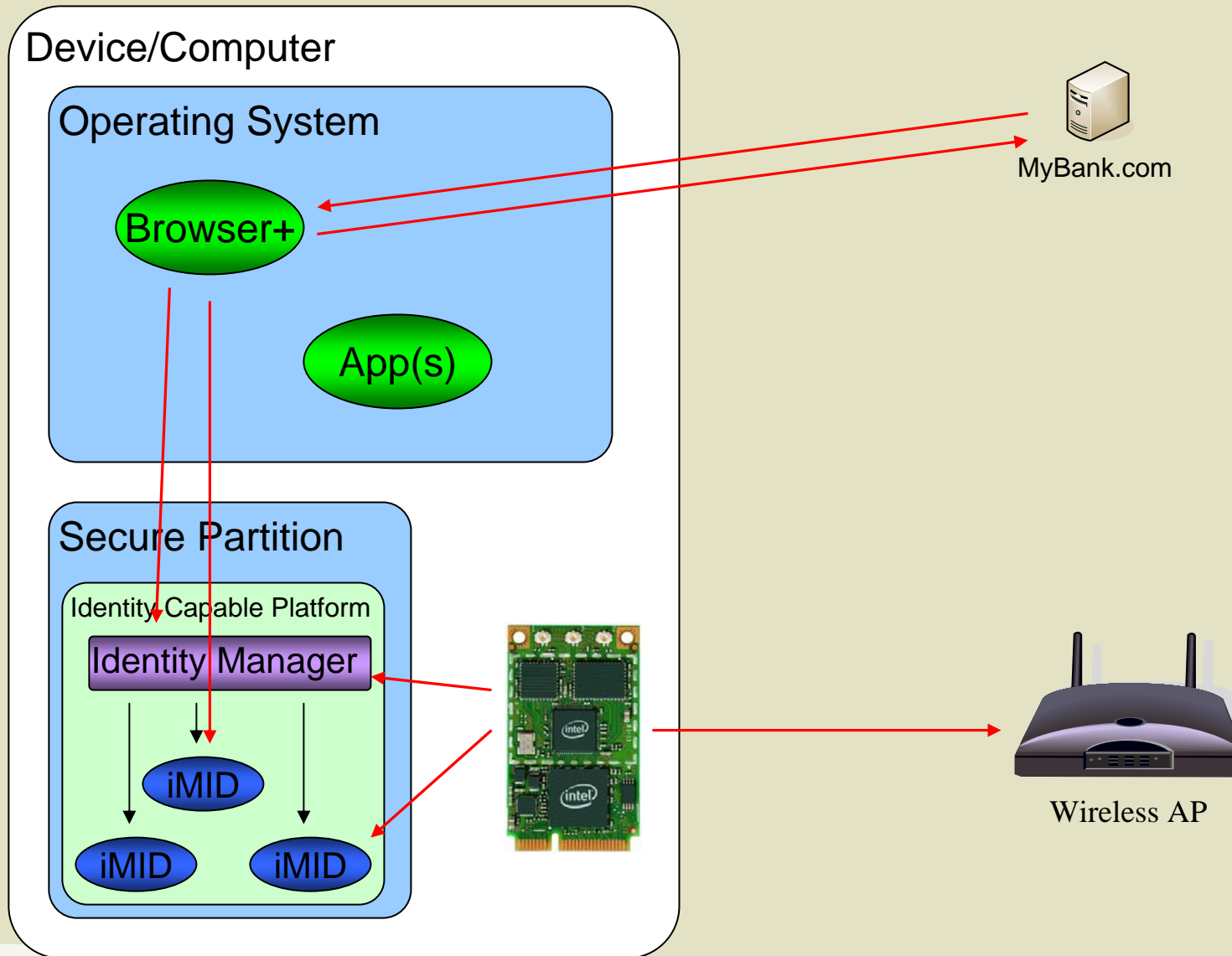
An Intel Research Project

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Access: Anywhere, Anytime



The Identity Capable Platform



The Identity Capable Platform

- A trusted environment
 - An Identity Manager (IDMgr)
 - One or more Manageable Identities (iMID)
- Full lifecycle support for Manageable Identities
 - Provision, update, delete
 - Activate, deactivate
 - Serialize/deserialize
 - Portability
 - Over the wire/air as well as physical provisioning
- Policy controlled access and operations
 - Which user can access which iMID
 - What can be done with each iMID

Provisioning an Identity in the ICP

Device/Computer

Operating System

Browser+

App(s)

Secure Partition

Identity Capable Platform

Identity Manager

iMID



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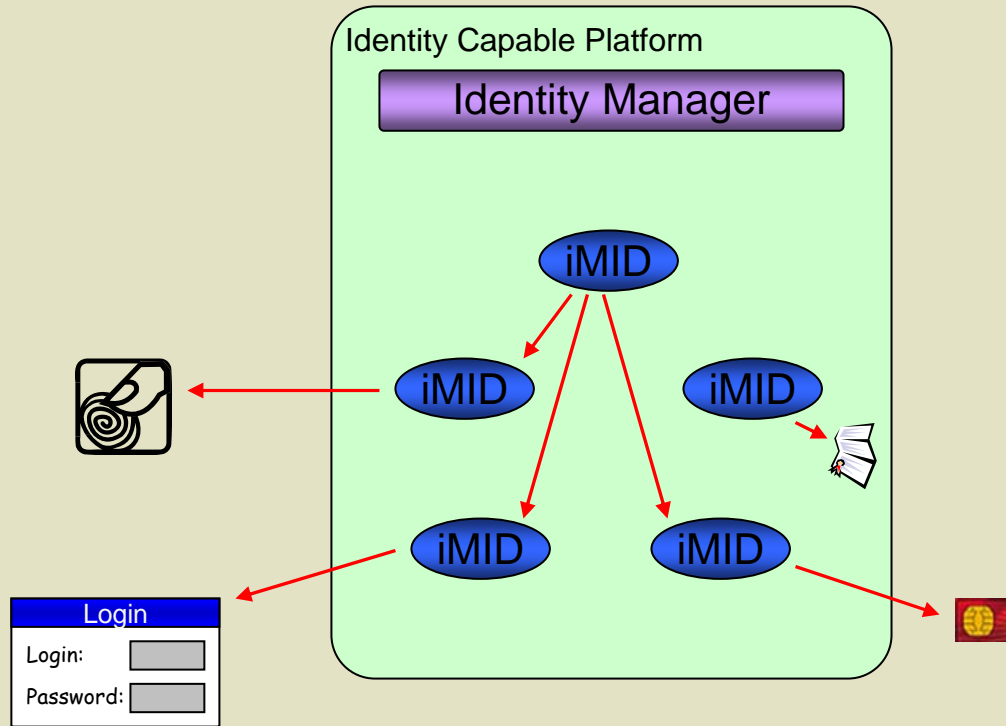
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1. The Identity Provider registers the Identity to be provisioned at the Provisioning Service
2. The Identity Provider sends a reference to the identity to the browser with instructions to send the reference to the Identity Manager.
3. The browser submits the identity reference to the Identity manager
4. The Identity manager dereferences the identity at the Provisioning service and gets back the Identity
5. The Identity Manager instantiates the Identity within the ICP.

Stackable iMIDs



How does Liberty Fit in?

- Liberty ID-WSF Advanced Client Technologies
 - Provisioning
 - Trusted Module
 - Reporting
 - Status: First public draft - today (on your USB keys)
- Robust Client work
 - Policies
 - Portability
 - Strong Authentication
 - Status: MRD done, TEG work starting

More Information

- Web
 - <http://www.intel.com/technology/systems/stl/>
 - <http://www.projectliberty.org>
- Email
 - Shelagh Callahan – ICP Principal Engineer
 - Shelagh.Callahan – at – Intel.com
 - Conor Cahill - ICP Architect
 - Conor.P.Cahill – at – Intel.com
- Blog
 - <http://conorcahill.blogspot.com>