

# Cloud Imaging Model WG Minutes

## July 15, 2013

Meeting was called to order at approximately 3:00pm ET July 15, 2013.

### Attendees

Ron Nevo (Samsung)  
Glen Petrie (Epson)  
Michael Sweet (Apple)  
William Wagner (TIC)  
Rick Yardumian (Canon)

### Agenda Items

1. IP Policy and Minute Taker
  - a. Policy accepted with Mike taking the minutes
2. Review of prior minutes
  - a. <ftp://ftp.pwg.org/pub/pwg/cloud/minutes/cloud-concall-minutes-20130701.pdf>
  - b. Approved as posted
3. Review of latest Cloud Imaging Requirements and Model draft
  - a. <ftp://ftp.pwg.org/pub/pwg/cloud/wd/wd-cloudmodel10-20130715.pdf>
  - b. Major issues: registration, hardcopy document support/copy service
  - c. Also working on incorporating comments from Glen
  - d. Section 4.1.1:
    - Are we relaying to an Imaging Device, or services?
    - Maybe "relay Job request information to components or services of the Imaging Device"?
      - Will revisit in registration discussion
  - e. Section 4.1.2:
    - Item 2: can't rule out service instantiation with registration, but certainly no direct instantiation
    - Item 4b: Also geographical or originating network restrictions
    - Item 5: Yes, services are registered, subunits come along for the ride
    - Item 7:
      - System registration where proxy is told to register with a Cloud Imaging System with a set of elements
      - Q: Are we defining a complete solution?
        - A: Defining a \*model\* of a complete solution
        - Bindings may or may not use everything in the model
        - Account creation/management is still out of scope (pre-existing), registration is being modeled to identify how we create the relationship between the Imaging

#### Device/Proxy and Cloud Imaging Service

- Also need to define ACLs (people, services, all of those restrictions from item 4)
  - external command by device owner/administrator (registration is an administrative operation)
  - Need to make it clear that the proxy communicates with cloud, cloud cannot ask the proxy for something directly
  - Registration of services, Cloud-based FaxIn cannot directly use subunits of an Imaging Device (have to direct prints to a print service, for example)
  - Item 8:
    - Users and classes are defined by the AAA framework
    - ACLs may be per-user, per-class/group, etc.
    - Probably need the operation, but may not have all of the bits needed to define an ACL (user list, group/class/role list, etc.)
    - Might also be out-of-scope magic
    - Need to at least reference IDS Model for AAA and ACLs
  - Q: Do we want to restrict list of services from the proxy side?
    - A: Yes, service restrictions are in-scope, part of the model
    - Other cloud-side access restrictions are out-of-scope
  - Q: Do we want to restrict list of elements (e.g. capabilities) from the proxy side?
    - A: Yes, this will allow the owner to limit what is exposed to the cloud
- f. Section 4.1.3:
- Item 4: within an Imaging Device
  - stopped here

### Next Steps / Open Actions

- Next Cloud conference call on July 29, 2013 at 3pm ET (Joint with IPP WG)
- Continue with section 4 of Model document
- Action: Mike to work with Bill to provide updated diagrams for section 4 of Cloud IRM (DONE)
- Action: Bill to update section 4 according to the diagram changes (ONGOING)
- Action: Bill and Larry to work together to post an updated Cloud Imaging Requirements and Model document based on this meeting comments.