

# Report on SG UMID Applications DG UMID Related Standards o ST 330 Revision o RP 205 1-Year Review o UMID Resolution Protocol

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## **SG UMID Applications**



• Nothing to report







# **DG UMID Related Standards**

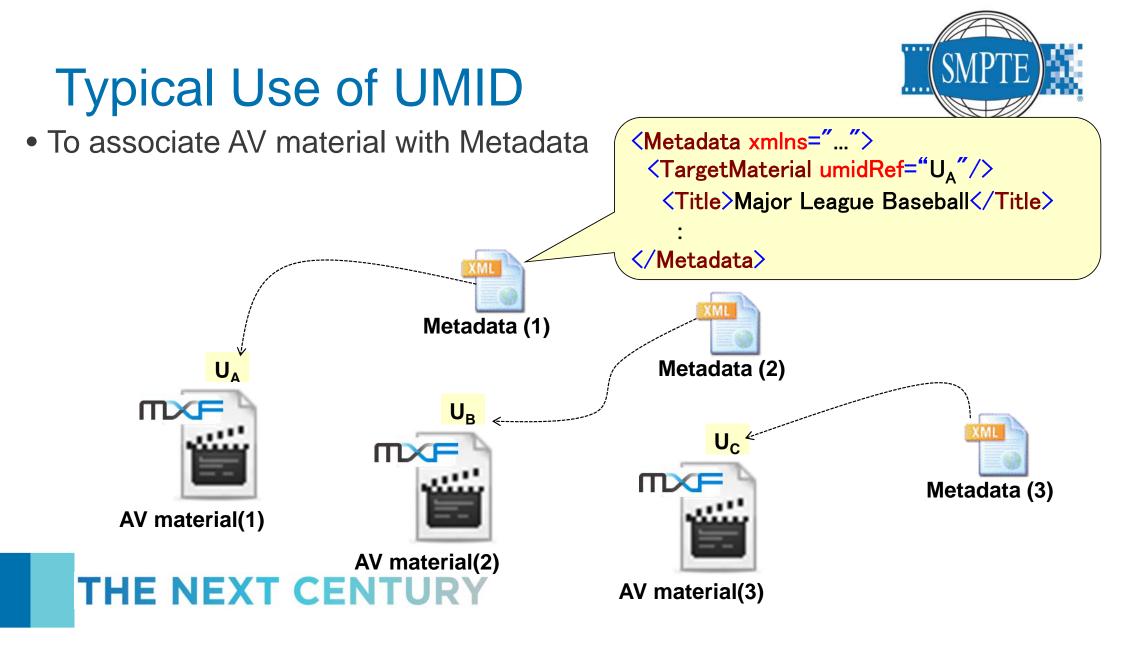
- Activities since the White Plains
  - ST 330 Revision
    - Submitted CD to TC Chairs for the FCD Ballot
      - After revising WD especially to align with the ISO style
      - Issue of "DMA TR 8350.2" as a normative reference to be addressed shortly!!
  - RP 205 1-Year Review
    - Pending initial revision draft at Kavi
      - "Another UMID application example" to be called for after the above FCD Ballot process being completed
  - UMID Resolution Protocol
    - To be briefly introduced ...

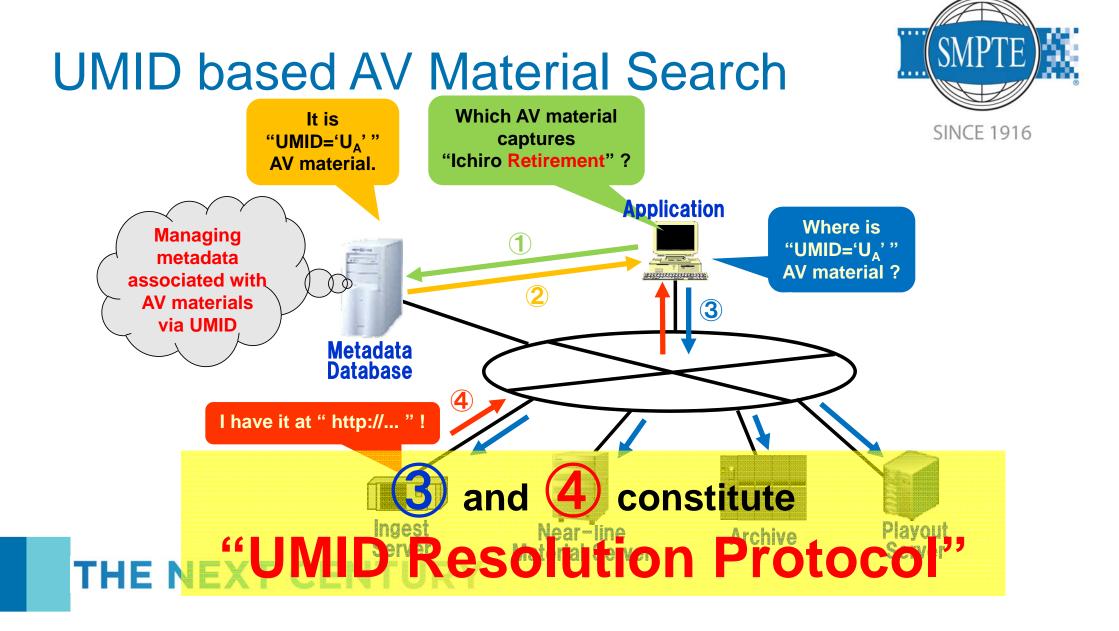
### THE NEXT CENTURY



## Introduction to UMID Resolution Protocol







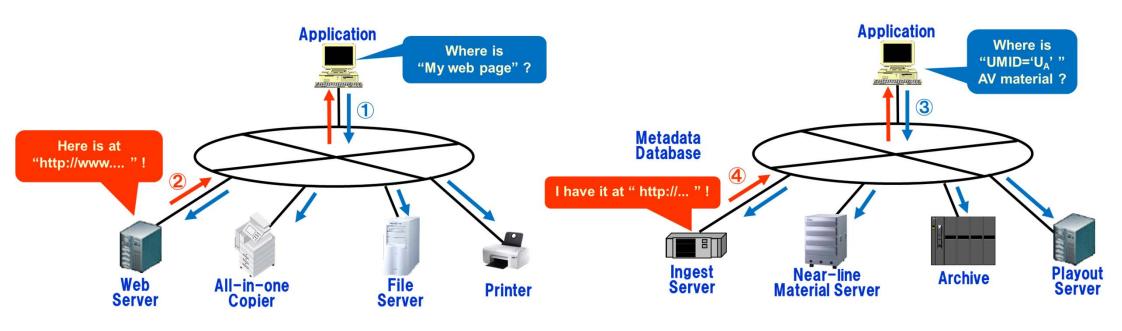
## Implementation of UMID Resolution



**SINCE 1916** 

• DNS-based Service Discovery

<u>DNS-based</u> UMID Resolution



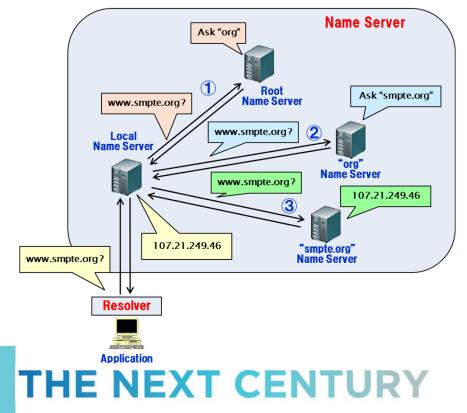


DNS: Domain Name System

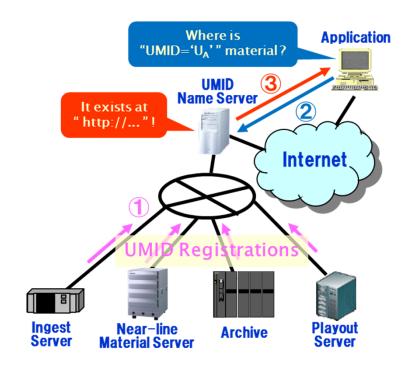
# **Alternative Implementation**



Using DNS Name Server



• Using UMID Name Server



DNS: Domain Name System

# **Preliminary Demo**

#### • Using "BIND" (DNS Server) and "nslookup" (DNS Client)



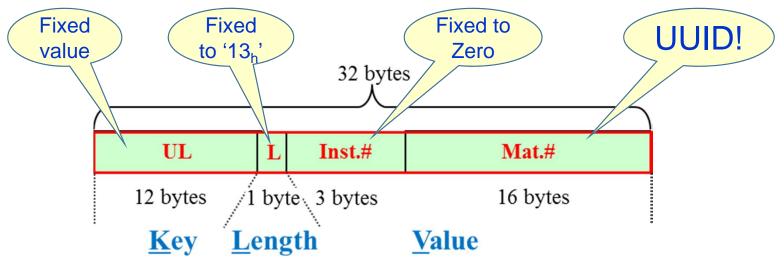


#### THE NEXT CENTURY

# **UUID** based UMID



• by using "UUID/UL Method" ('2<sub>h</sub>') for Mat.# generation



→Equivalent if a scope of uniqueness is common



## For more information



• "STUDY REPORT ON UMID APPLICATIONS PART 2-1"

https://kws.smpte.org/higherlogic/ws/groups/30mr-umid/documents/study4401/document?document\_id=27230

• "Latest Status of UMID Application Project in SMPTE" (@SMPTE 2013)

http://metafrontier.jp/drupal/sites/default/files/papers/umidApp4SmpteTechConf131023.pdf





## Next Step

- SG UMID Applications
  - To assist the DG activities as appropriate
  - To explore new work items
- DG UMID Related Standards
  - ST 330 Revision
    - To start FCD Ballot shortly
  - RP 205 1-Year Review
    - To call for other UMID application example
  - UMID Resolution Protocol
    - To start some preliminary discussion (hopefully)

## THE NEXT CENTURY



## Thanks!

