

Directory Services

GITD_(ENUM) & **VPD**_(VPIM Directory)

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“Turning Telephone Numbers Into
Internet Information”

draft-peek-enum-itd-00.txt

- GITD deployed. (July)

vpim.5.1.3.4.2.6.3.3.0.6.1.e164.com → URL

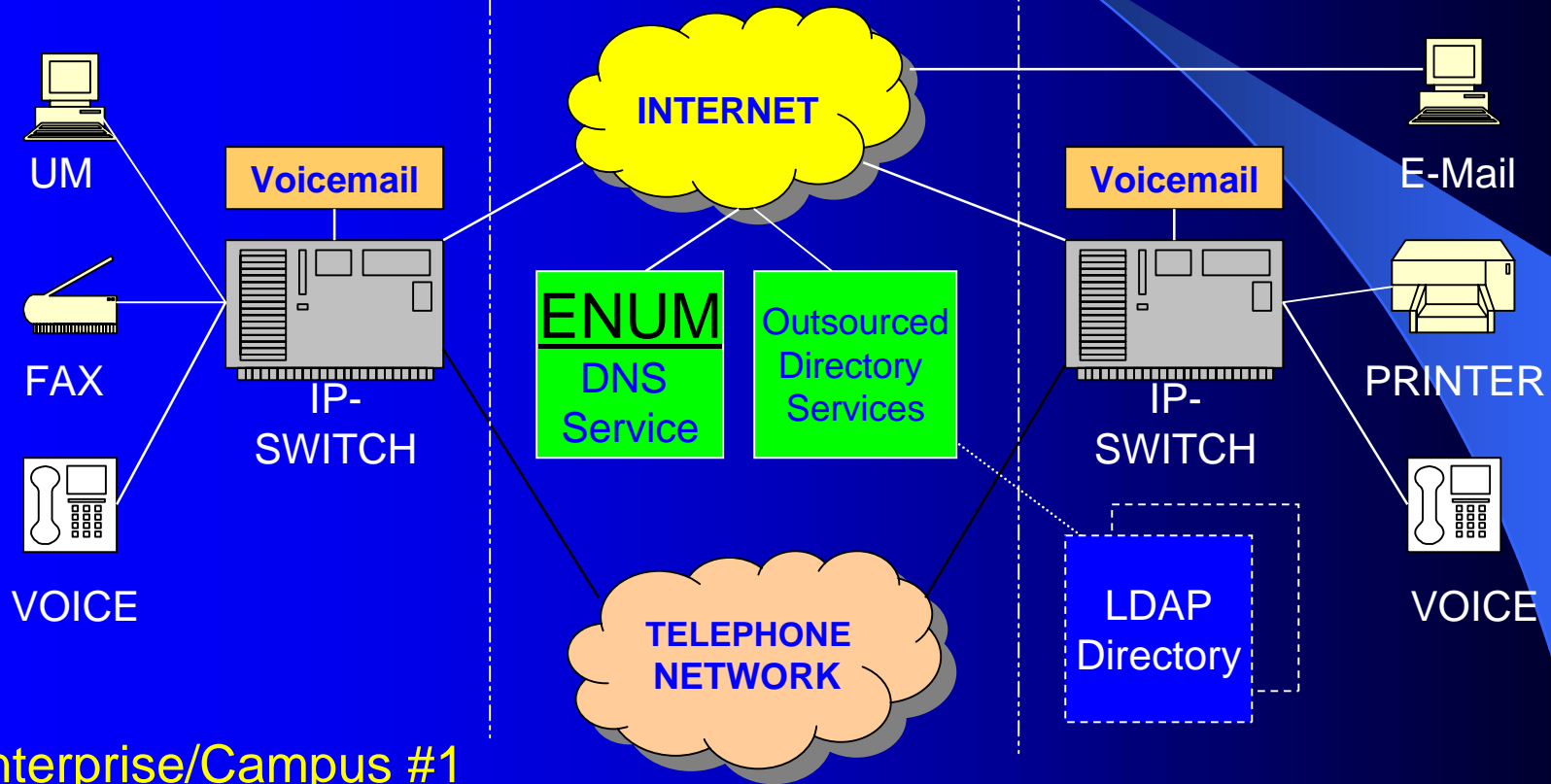
sip.5.1.3.4.2.6.3.3.0.6.1.e164.com → URL

- Deployment supporting ENUM. (August)

5.1.3.4.2.6.3.3.0.6.1.e164.com → $\left[\begin{array}{l} \text{set of} \\ \text{URLs} \end{array} \right.$

Services Enabled by Directories

- **"Simply Reply"** to messages from customers, vendors and other outside callers (call answering)
- **"All in one mailbox"** delivers messages from office, mobile and home mailboxes with a single call.
- **"Global Messaging"** between private and public networks worldwide.
- **"Spoken name"** confirms recipient of network message prior to sending.
- **"IP-PBX Locating"** of servers and end-points for calls between IP enabled PBXs, Centrexes and ACDs worldwide.
- **"IP-FAX / IP-Print"** location of end-points.



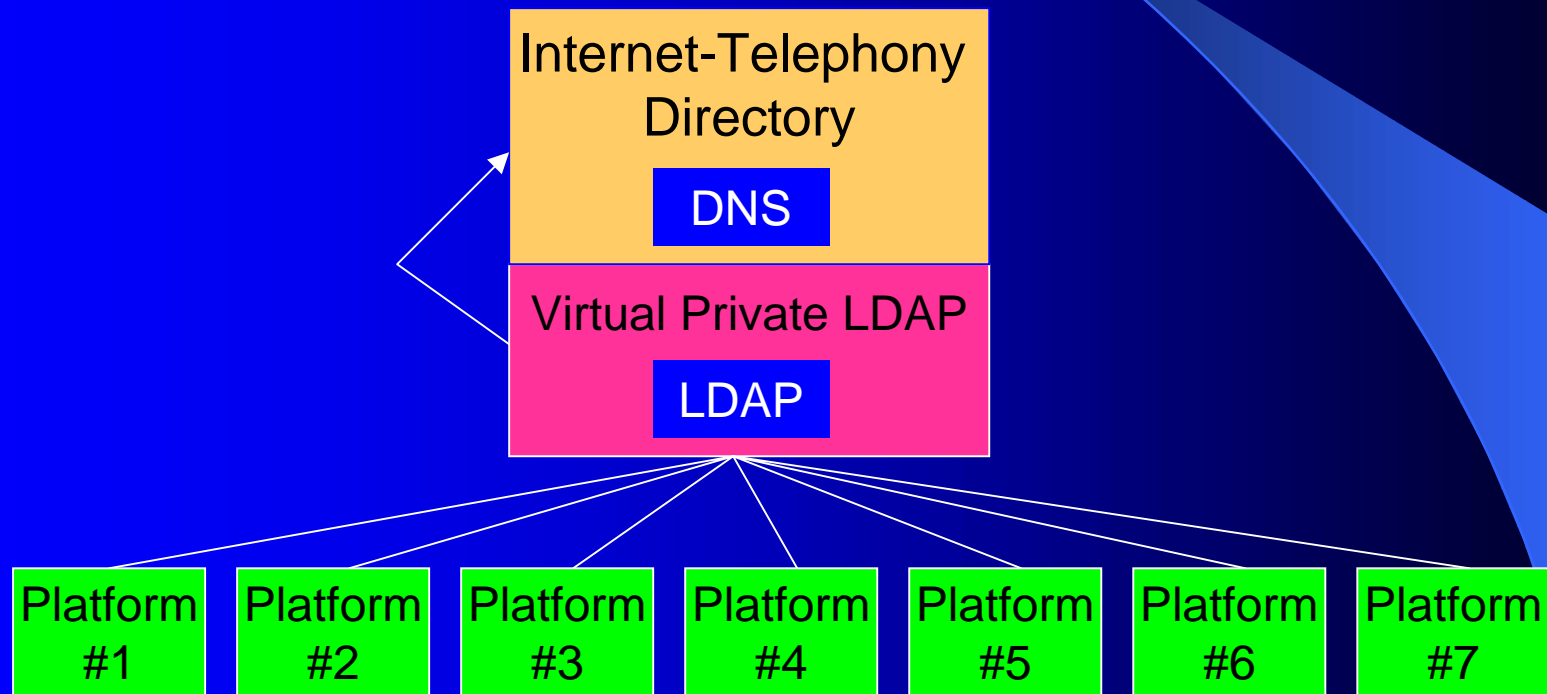
Enterprise/Campus #1

Enterprise/Campus #2



May 25, 2000

High Level View



Registration Services

- On-line registration for E.164 subscribers
 - Corporations representing employees.
 - Service providers representing end-user customers.
 - Digital certificate strong authentication on updates.
- Registrants agree to abide by terms of GITD “Conflict Resolution Center”.
 - Registrants claim control of E.164 subscribers.
 - Registrants agree that “mistaken party” pays direct costs associated with resolving conflicts.
 - Fully automated on-line resolution system. Direct costs only apply if human intervention is required to resolve conflict over day to day control of an E.164 number.