

# **IP Video Workshop Statewide Directory Services**

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# 5 Questions on everyone's mind!

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✉ Who?

✉ What?

✉ When?

✉ Where?

✉ Why?

# What are Directory Services?

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- ✉ The New phonebook of the 21<sup>st</sup> Century
- ✉ Leverage Technology to facilitate communications that have no boundaries!
- ✉ LDAP, Click To Meet, Active Directory

# What are Directory Services?

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- ✉ Two Types of Directory Services
  - Lightweight Directory Access Protocol –LDAP
  - Click To Meet

# What are Directory Services?

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- ✉ Lightweight Directory Access Protocol
  - Contains information on endpoints
  - Runs on Unix platform
  - Can connect to a global directory service
  - Does not connect to gatekeepers
  - Will interact with First Virtual Communications *Click To Meet* in future versions

# What are Directory Services?

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- ✉ Click To Meet – CTM
  - Designed specifically for multimedia applications
  - Works with VTEL, TANDBERG, VCON, POLYCOM, PICTURETEL and ACCORD
  - Works with ISDN, ATM and IP protocols
  - Can schedule calls in advance
  - T.120 application sharing and whiteboards

# What are Directory Services?

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- ✉ CTM – Cont'd
  - Continuous presence built in
  - Will handle streaming media
  - Supports firewall NAT/proxy/VPN transversal
  - Connects to a gatekeeper
  - Support for Active Directory December 2001
  - Subsequent versions will have native LDAP support

# What are Directory Services?

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- ✉ Recommendation
  - First Virtual Communications Click To Meet for use as directory services for ITN

# Why are directory Services Needed?

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- ✉ Creates a simple mechanism to find someone. Anywhere or anytime!
- ✉ Provides detailed information when possible about the receiver and originator
  - Type of codec, ATM, H.323 ISDN, etc.

# Why are directory Services Needed?

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- ✉ Provides an effective collaboration tool for participating members
- ✉ Facilitates creation of regional video workgroups within members
- ✉ Develops a resource pool that can be tapped by anyone!

# When will directory Services be available?

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- ✉ Target Date for Production is Fall Semester 02
- ✉ Centralized CTM server will be online for registration
- ✉ Alpha/Beta testing already in progress

# Where will Directory Services be located?

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- ✉ IHETS plans on providing a centralized server
  - Continue to investigate regional deployment if required
  - Will work with “large” customers on deployment and establishing of peering relationships

# Who will be providing Directory Services?

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- ✉ IHETS will serve only as administrator of directory
  - Users will be required to adopt dial plan developed by IP video task force.
- ✉ Encourage active participation from not only local and state constituents but participation from other State networks

# Who will be providing Directory Services?

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- ✉ Participation will create a global educational video enriched environment
- ✉ You, the users, will be providing the Directory Services!

# Thank You

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