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The *Zephyr* Notification Service

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Why A Notification Service?

- Workstation window systems have made TTY based paradigms obsolete
- Workstation clients are no longer proximate to their servers
- Workstations are now viewed as the property of their users
- Workstations are now viewed as a serially reusable resource

What Is Zephyr?

- A communications utility:
  - Immediate
  - Reliable
  - Rapid
  - Dynamic
- A notice transport and delivery service:
  - Zephyr Protocol
  - Zephyr Notice Format

What Is Zephyr? *(cont'd)*

- A foundation for the development of layered services:
    - Zephyr Notice Subscription Layered Service
    - Zephyr User Location Layered Service

What Is Zephyr Used For?

- User to user(s) communication:
  - Write
  - Talk
  - On-line consulting (OLC)
  - Live group discussion
- Systems operations and maintenance:
  - Service to client communication
  - System wide service information
  - Post office notification
  - System log events

What Is Zephyr Used For? *(cont'd)*

- Internal systems communications:
  - Talk client rendezvous
  - OLC client rendezvous

System Components

- The Zephyr Server
- The Zephyr Client Library
- The Zephyr HostManager
- The Zephyr WindowGram Client

System Operation

- Workstation boots and flushes old Zephyr state
- HostManager starts and registers the workstation with Zephyr
- Outbound notices may now be sent from the workstation
- User logs in and registers with Zephyr
- User's WindowGram client starts
- Incoming Zephyr notices may now be received by the user
- User logs out and deregisters with Zephyr
- User's WindowGram client is terminated

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**The code for Zephyr is not yet available.
Beta test is currently scheduled
for late Spring 1988.**