

HOME INFORMATION SERVICES

- Homeowner and household file
- Programmed appliances and utilities control
- Home message center
- Home management services—budgeting, menu planning, etc.

COMMERCIAL SERVICES

- Shopping by television
- Inventory control
- Facsimile printing
- Cashless transactions and banking services

TRANSPORTATION SERVICES

- Transportation information—schedules, fares, and reservation service
- Road and travel services, e.g., optimum routes and traffic conditions
- Traffic monitoring and control
- Vehicle location—buses, taxis, police cars, delivery trucks, etc.

COMMUNITY SERVICES

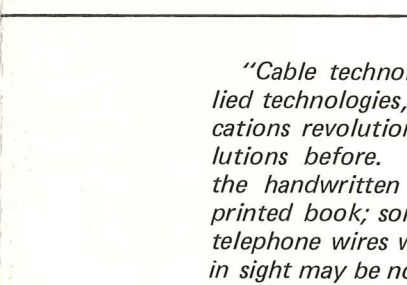
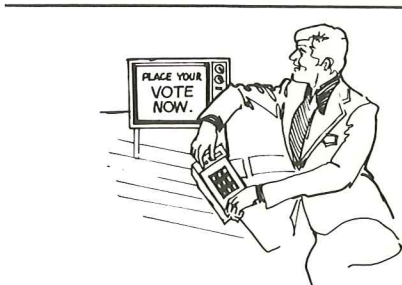
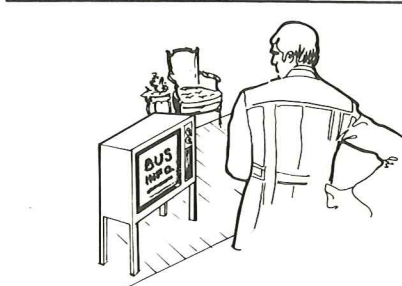
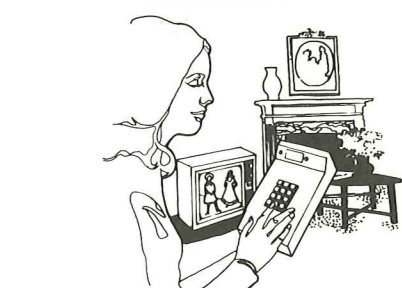
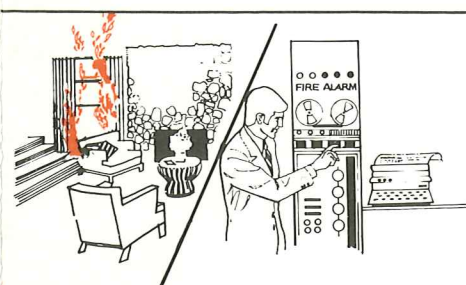
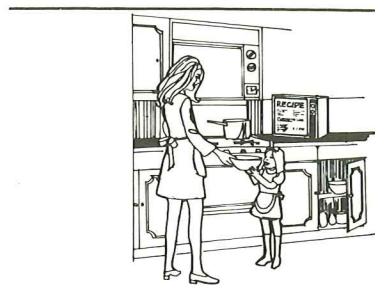
- Citizen feedback thru opinion polling
- Public information services—jobs available, street reporter, etc.
- Pollution monitoring
- Community calendar of events
- Consumers' advisory service

COMPUTATIONAL SERVICES

- Remote "desk top calculator"
- Statistical data processing service
- Business data processing service
- Engineering data processing service

ENTERTAINMENT SERVICES

- Premium programs, e.g., first run movies and sporting events
- Music of your choosing
- Interactive games, e.g., bridge, checkers, tic-tac-toe, chess
- Current entertainment/recreational information
- Drama and musical productions of local schools and community groups



PROTECTION SERVICES

- Fire protection
- Intrusion detection
- Personnel medical alert
- Industrial, commercial, and institutional security
- Community emergency warning—tornadoes, flood, etc.

HEALTH CARE SERVICES

- Emergency health information
- Preventative medical education
- Teleconsultation—doctor to patient consultation via television
- Health care administrative support
- Hospital/clinic information systems

EDUCATIONAL SERVICES

- Community correspondence school
- Computer-aided instruction
- Education for the handicapped and homebound
- Individualized programmed instruction

OTHER INFORMATION SERVICES

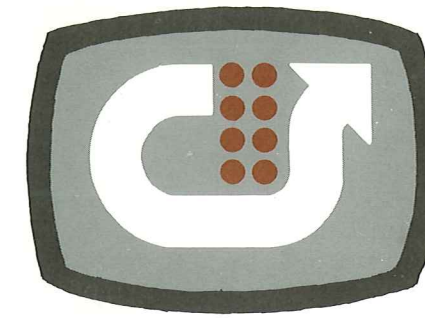
- Electronic newspaper
- Directory of CIS information services
- Electronic library
- Private two-way video conferences
- Daily calendar and reminder

"Cable technology, in concert with other allied technologies, seems to promise a communications revolution. There have been such revolutions before. Some five-hundred years ago the handwritten manuscript gave way to the printed book; some hundred years ago the first telephone wires were strung; the revolution now in sight may be nothing less than either of these. It may conceivably be more."

On the Cable: The Television Abundance
Sloan Commission on Cable Communications
McGraw-Hill

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CIS

PEOPLE
in
COMMUNICATION
with
IMAGINATION



Jonathan • Chaska
Community
Information
System Project

THE GOALS OF THE CIS PROJECT ARE TO:

- Establish this demonstration facility to inform the community about Community Information Systems (CIS).
- Let people know what services a CIS can provide.
- Maximize community involvement through seminars and group presentations, community use of the demonstration facility, and citizen participation in joint program planning.
- Determine community interest in, and willingness to support, various CIS services on a commercial basis.
- Determine the best way to create, finance, and manage a CIS.
- Identify priorities of CIS services based on preferences, cost, and benefits.
- Specify the requirements for a full demonstration CIS to serve the Jonathan/Chaska community.

A Community Information System is a cable communications system that goes far beyond conventional CATV. CATV (Community Antenna Television) today provides excellent television reception, more channel capacity, and locally originated programs which might include local sporting events, coverage of civic events and local news, and automated programs reporting weather, time, and national news.

Employing the same cable used in conventional CATV systems, a Community Information System adds special equipment to the Communications Center, the cable network, and the home to transform a passive medium, television, into a two-way participation information system. A CIS can have applications in education, health care, culture, municipal services, religion, business, and industry. Two-way cable technology will have a monumental effect on communications in our country and in the entire world during this decade. Since two-way cable will affect all of us, it is vital that citizens be directly involved in determining how these systems should be developed and in determining the services to be provided.

HUD Assistant Secretary Harold B. Finger stated: "... As part of the Department's research program we feel that it is important to find out from potential users of new technological innovations what they want in the way of community services that such innovations can provide. For this reason, we have sponsored the pilot two-way cable television demonstration in Jonathan in cooperation with Community Information Systems. We are expecting that the results of this study will be a valuable aid in guiding the Department's future telecommunications research program and in hastening the day when American citizens enjoy the excellent quality of urban services that they have a right to expect."

welcome

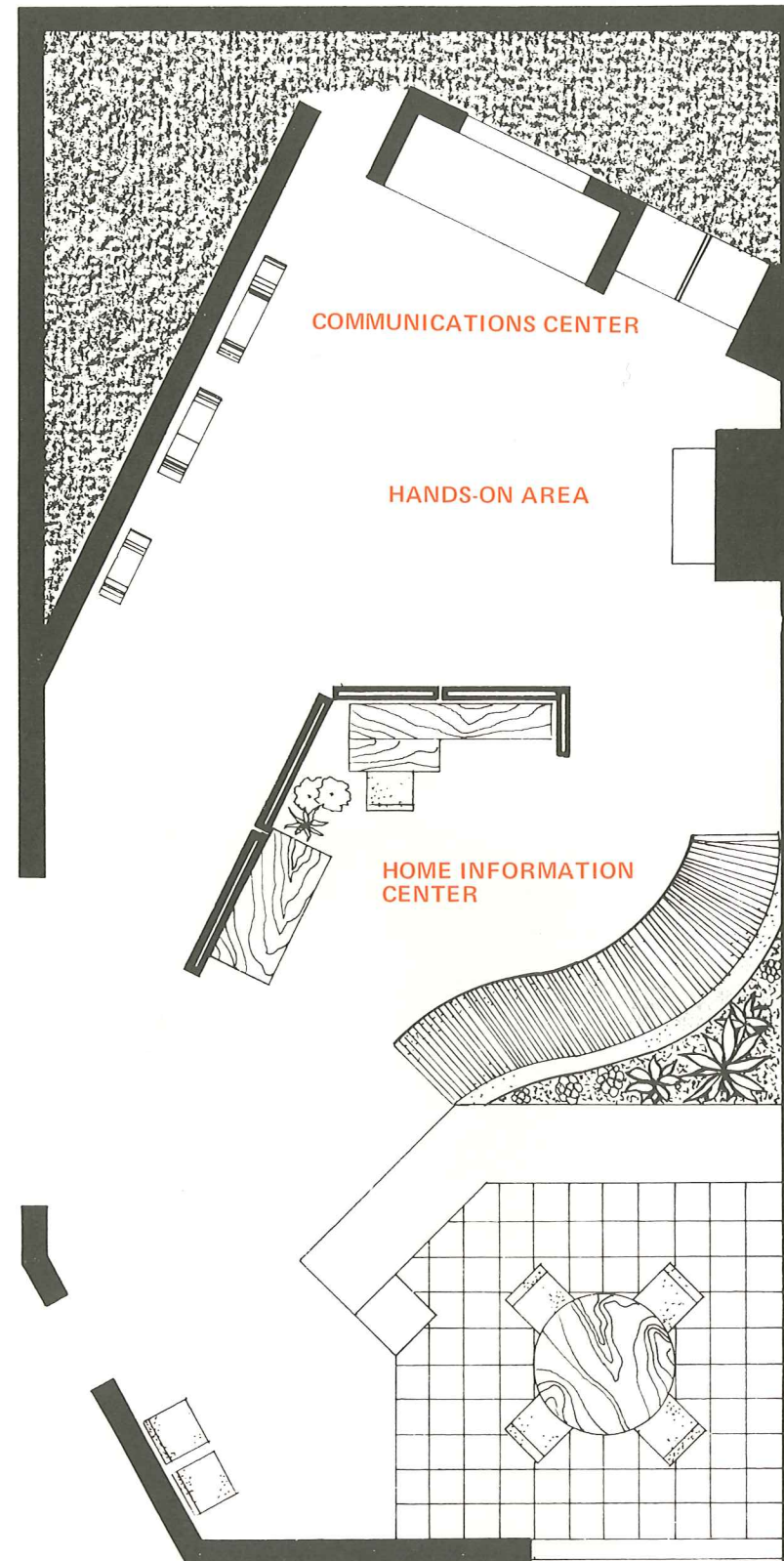
to the

DEMONSTRATION FACILITY of the JONATHAN CHASKA

COMMUNITY
INFORMATION
SYSTEMS Project

Sponsored by the

U.S. Department of Housing & Urban Development



COMMUNICATIONS CENTER EQUIPMENT

The heart of the CIS is the Communications Center. This facility contains the television and computer-type equipment which allow numerical, audio, and visual information to be transmitted in both directions simultaneously over the cable system. The Communications Center provides supervisory control over the cable system and contains the equipment for receiving, processing, and transmitting information to and from subscribers.

HANDS-ON AND HOME INFORMATION CENTER EQUIPMENT

Device	Function
Television Set	The television set functions as an information display unit presenting programs and information in education, merchandising, television games, general information retrieval, as well as commercial over-the-air broadcasts.
Input/Output Typewriter	The input/output typewriter is used to print out messages and to send alphanumeric messages (letters and numbers) to the Communications Center and to other subscriber locations.
RESPONSOR™	The RESPONSOR™ is used for entering numbers (codes) to "call up" specific programs and information. It also transmits alarm messages (fire, intrusion, etc.) to the Communications Center.