

DEPARTMENT OF DATA SYSTEMS

ROLE AND DUTIES

The Department of Data Systems is responsible for managing and operating the County's main minicomputer system, PC-based LANs (Local Area Networks) and related telecommunications networks.

The department processes the County's major financial applications such as accounting, budget, purchasing, payroll, sewer billing and asset management.

It provides advice and support for numerous computer applications and computer systems used by the County's departments and agencies, performs systems analysis and programming functions, maintains data security, and provides in-house computer training classes.

The Data Systems department plays a leadership role in coordinating the growth and use of computer systems by the County government. The department also provides advice and assistance on the County's acquisition of computer systems and software.

Major Goals

Keep computer systems, computer applications, and data processing operations running smoothly.

Help implement computer systems and applications consistent with the county's overall priorities and available resources.

Expand and enhance countywide computer networks to enable computer system interconnectivity and information sharing among all departments and agencies.

Improve individual employee capabilities and productivity through computer training.

Provide opportunities for the general public to access county government records and to transact business with the County using technology such as the Internet.

HIGHLIGHTS

There has been an explosive growth in the use of information technology in government.

This has kept the Data Systems Department staff extremely busy over the past year.

Throughout this period much was accomplished for the benefit of county government operations and for the benefit of its citizens.

Internet Web Site

The County's Internet web site can be reached by entering either: www.hawaii-county.com or www.co.hawaii.hi.us.

The site contains a variety of interesting information, including tables, maps, photographs, and a calendar of events. During the year, a general search feature was implemented. This will enable Internet users to locate information more easily within the County's huge resource databases found on the web site by entering key words descriptive of what they are looking for.

Substantial new information content was added to the web site during the year, including:

Boards & Commissions Vacancies for County Of Hawaii
Charter Commission Wrap Up
Civil Defense - November 2000 Flood Disaster Info, Photos, Etc.
Camping Permit Reservations
Community Empowerment Program
County Code Update
County Council - Current Term Bills, Ordinances, Resolutions, Communications, Committee Reports
County Data Book Revision
Economic Development and Tourism Information
Environmental Management Commission - Agendas and Minutes
Election Information for Voters (2000 Primary & General Election)
FY 1999-00 Annual Report
FY 2000-01 Budget
General Plan - Proposed Revisions, Planning Commission Hearing Dates
Hawaii County Charter Update
Hele-On Bus Information
Kalapana Lava Flow Access Information
Police Commission - Rules, Meeting Agenda, and Minutes
Purchasing - Professional Services Awarded Under Section 103D - 304
Real Property Tax Delinquent Sale
Real Property General Information and Forms
Real Property Parcel and Ownership Records
Reapportionment Commission - Meeting Agenda and Minutes
Site Search via Keyword

Geographic Information Systems (GIS)

The department began implementation of a Geographic Information Systems plan that was developed during Fiscal Year 1999-2000. We helped the County Clerk's Election Office with the installation and use of special GIS mapping hardware and software. This will facilitate reapportionment based upon the 2000 U.S. census data.

E-Commerce

The County implemented its first Internet-based electronic commerce application. The Parks & Recreation Department now has an on-line Camping Permit System on the Internet that was activated in January. Internet users from around the world can now check campsite availability, make a reservation, and pay online via credit card.

County Council Office Records System

County Council records became available via computer, on the County Clerk's in-house computer system from the start of the 2000-2001 council term.