

ACTION PLAN

DIVISION/BRANCH: Administrative Services Office/Computer Services Section

PRIORITY GOALS & OBJECTIVES: To enhance the effectiveness and efficiency of the overall program by providing program leadership, staff-support services, and other administrative services; and to conserve and protect important agricultural lands in agricultural use, and expand the contribution of diversified agriculture to the State's economy.

Departmental Objectives Being Pursued: To provide the Department with computer technology guidance and support.

GOALS:

- A. To implement, utilize and maintain technology to enhance communications and improve efficiency, effectiveness and accuracy in the workplace. The current network infrastructure and client hardware and software needs to be updated to facilitate the sharing of information and resources. The network would enable access to information residing on the minicomputers and LANS servers as well as facilitate the sharing of peripherals.
- B. To install electronic mail and Internet access department-wide. The need to access and disseminate information utilizing the Internet is critical in today's business environment. Users found the Internet to have a wealth of information necessary for research or just keeping up with industry news. Electronic mail allows users to speak to counterparts throughout the world. In addition, the Internet has enabled the Department to disseminate information worldwide. "Hawaii's Agricultural Gateway" provides information about each program as well as answers to frequently requested information.
- C. To migrate applications off the Wang. Most of our major applications currently reside on one of two Wang VS minicomputers. Although both are year 2000 compliant, long-range plans are to migrate the applications to a LAN or server-based system due to phase-out of hardware support. Several alternatives are being reviewed for the migration.
 - 1. The current software, SPEED II, has a LAN-based version, APPX where current applications can be converted to a UNIX or NT-based server without any loss of coding or data.
 - 2. Where the current application does not meet user needs and major enhancements are required, the system need not be converted using APPX.
 - 3. Implementation of a pre-developed application that is available on the market that would meet the users needs.

D. To maintain and upgrade hardware and software as necessary. Technology is rapidly changing. Careful evaluation of existing and new technologies is required to determine if and when upgrades and new technologies are necessary toward meeting our department's objective and statewide standards.

TIMETABLE TO ACCOMPLISH GOAL

ITEM	IDENTIFY TARGET/TASK	FY01	FY02	FY03	FY04	FY05	FY06
A	Implement network infrastructure to enhance communications and allow for sharing of information resources.						
1	Network Main Office	X					
2	Network Ilalo Offices	X					
3	Network Halawa Offices	X					
4	Interface Servers		X				
5	Add ADC		X				
6	Add Pesticides	X					
7	Add ADP		X				
8	Add Kauai Office		X				
9	Add Lanikaula Office		X				
10	Add Aupuni Office		X				
11	Add Maui and Maui Airport Offices		X				
12	Add Honolulu PQ/AI Airport Offices		X				
13	Add Kona and Kona Airport Offices		X				
14	Add Molokai Office		X				
15	Add Waimea Office		X				
16	Maintain and enhance network	X	X	X	X	X	X
B	Install electronic mail and internet access.						
1	Setup network infrastructure (see ITEM A). Once setup, users will have access to Internet.	X					
2	Network to ICSD	X					
3	Install and deploy Lotus Notes departmentwide.		X				
4	Purchase and install Lotus Notes software		X				
5	Maintain and upgrade access as necessary.	X	X	X	X	X	X
C	Migrate applications off the Wang VS minicomputer.						
1	Purchase applications server for Main Office	X					

2	Purchase APPX license for server	X					
3	Migrate Requisition/PO System		X				
4	Migrate Measurement Standards System		X				
5	Migrate Plant Quarantine System		X	X			
6	Migrate Agricultural Resource Management System			X			
7	Migrate Administrative Services System		X				
8	Purchase applications server for Halawa			X			
9	Purchase APPX license for Halawa			XX			
10	Migrate Animal Quarantine System						
11	Maintain and enhance current applications, develop new applications as necessary.	X	X	X	X	X	X
D	Maintain and upgrade hardware and software as necessary.	X	X	X	X	X	X