RECOMMENDED ACTION AND JUSTIFICATION: (Policy Item: Yes X No)
Determine policy to allow or not allow non-County entities to have remote dial-in access to the new AS400 computer system. If access is allowed then a pricing policy must be set.

BACKGROUND AND HISTORY OF BOARD ACTIONS:
The Board currently allows access to the BASIC IV computer by Title Companies and the CDF.

LIST ALTERNATIVES AND CONSEQUENCES OF NEGATIVE ACTION:
1. Approve non-County access with a hardware and software set-up cost of $20,740 plus $552.50 per connection plus a charge of $60.00 per month per phone line.
2. Do not allow non-County remote access of the system. Public terminals in the Hall of Records may be used.

COSTS: ( ) Not Applicable
A. Budgeted current FY
B. Total anticipated costs $20,740+
C. Required additional funding $20,740+
D. Internal transfers

SOURCE: ( ) 4/5ths Vote Required
A. Unanticipated revenues
B. Reserve for contingencies
C. Source description: Balance in Reserve for Contingencies, if approved:

SPECIAL INSTRUCTIONS:
List the attachments and number the pages consecutively:

CLEAR'S USE ONLY:
Res. No.: 93-230  Ord. No. 
Vote - Ayes:  N oes:  Abstained: 
Approved: ( )  Denied: ( )  Minute Order Attached: ( )  No Action Necessary

The foregoing instrument is a correct copy of the original on file in this office.

Date: 
ATTEST: MARGIE WILLIAMS, Clerk of the Board
County of Mariposa, State of California
By: Deputy

ADMINISTRATIVE OFFICER'S RECOMMENDATION:
This item on agenda as: Recommended
Not Recommended
For Policy Determination
Submitted with Comment
Returned for Further Action

Comment: ______________________

A.O. Initials: ______________________
MARIPOSA COUNTY BOARD OF SUPERVISORS

MINUTE ORDER

TO: RICK CAMPBELL
FROM: MARGIE WILLIAMS, CLERK OF THE BOARD
RE: POLICY TO REGULATE NON COUNTY REMOTE DIAL-IN ACCESS TO COUNTY AS400 COMPUTER SYSTEM

THE BOARD OF SUPERVISORS OF MARIPOSA COUNTY, CALIFORNIA

ADOPTED THIS Order on April 20, 1993

ACTION AND VOTE:
9:50 a.m. Rick Campbell, Data Processing;
Resolution Setting Policy to Regulate Non-County Remote Dial-In Access to the County AS400 Computer System
(Continued from Forthcoming Policy 4/13/93)
BOARD ACTION: Rod Sinclair/Sheriff Department Commander, provided input. Board concurred that future consideration to allowing access to California Division of Forestry could be dealt with through contract negotiations. (M)Balmain, (S)Parker, Res. No. 93-230 adopted approving recommendation to not allow any non-County entity to have remote dial-in access/Ayes: Unanimous.

cc: Auditor
   CAO
   Clerk of the Board
To: Board Of Supervisors
From: Richard Campbell, Technical Services Director
Date: March 25, 1993
Subject: Access to the new AS400 computer by non-County entities

Background

The County currently allows limited dial-in access to the Basic IV computer by Title Companies and the California Division of Forestry (CDF). This access was granted by Board action and any other entity wanting access must get Board approval.

A set-up charge of $200 was required for an account and a daily access charge of $3.00 for the first access and 10 cents per minute is also charged. Two of Mariposa's three title companies have paid the set-up fee and are using the system. The fees were waived by Board action in the case of the CDF. A custom program was written to keep charge of the access time so that the title companies can be billed.

Current Situation

The County is currently changing computer systems from the Basic IV to the new IBM AS400. In addition other entities such as Sierra telephone and Real Estate companies are requesting access to the new County computer. I believe that with the change of computer systems the County needs to adopt a new policy with regards to accessing the new system. There are several issues that should be looked at to formulate this policy.

First is the issue of cost. In order to allow remote dial-in access by non-County entities with no disruption of County capacity additional hardware must be purchased. An ASCII Workstation Controller and an Expansion Chassis must be installed in the AS400. These items have a cost of $15,740. Modems for each dial-in line must be purchased at a cost of $500 each. In order to minimize the support effort the County will specify the type of modem and the access program to use. Phone lines must be installed with an installation charge of $52.50 and a monthly billing of $60.00. A custom billing program for the AS400 must be written at an estimated cost of $5,000. The final cost issue is a revision in the access charge due to the fact that the AS400 is more expensive to run. The access costs should be revised and adjusted annually.

Next is the issue of security. The AS400 has extremely good security and is very difficult to break into. However, the best computer systems in the world are subject to break in and having non-County entities able to remotely access the computer increases the odds that an illegal "hacker" type break in could
occur. I believe that this is a remote possibility, but it is a possibility none the less. The AS400 computer does contain information the County is mandated to keep confidential such as juvenile criminal cases, private business financial information, social security numbers, names of welfare recipients, criminal histories, information about sensitive Sheriff's Department investigations and the CLETS interface to the State Department of Justice.

Recommendations

The County has two options in my opinion. The first option is to not allow any non-County entity to have remote dial-in access to the computer. There will be public terminals available in the Hall of Records for any company or individual to use thus fulfilling the Counties obligation to provide public data to the public. The County AS400 computer is run by a staff of two, myself and Rod Sinclair in the Sheriff's department. This is a very small staff to manage a computer of this size. If non-County users were added, the County would have an additional support burden. Not allowing non-County remote dial-in users also removes the security concerns this would entail. From a system management standpoint this would be my recommendation.

The second option is to allow non-County entities to have remote dial-in access to the AS400 computer but to split the actual costs between those desiring access to insure that there is no cost to the County in allowing such access. Those desiring access could be required to provide and pay for their own telephone line and modem. They would be charged their share of the ASCII Workstation Controller and the Expansion Chassis. This cost would vary based on how many companies wanted to dial-in to the computer. To be fair any future company requiring access would have to pay it's fair share and those monies rebated to the previous payers unless the ASCII Workstation Controller was filled to capacity in which case a new Controller would have to be purchased. One ASCII Workstation Controller can accommodate 6 dial-in lines. The cost of the billing program would also have to be split between the initial users. And finally I would recommend that the daily access fees be adjusted and reviewed annually to reflect the higher costs to the County of running the AS400 computer.

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