

**Sierra County
Board of Supervisors'
Agenda Transmittal &
Record of Proceedings**

MEETING DATE: February 4, 2020	TYPE OF AGENDA ITEM: <input checked="" type="checkbox"/> Regular <input type="checkbox"/> Timed <input type="checkbox"/> Consent
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DEPARTMENT: Information Systems Department
APPROVING PARTY: Jeremy Miller, CTO
PHONE NUMBER: 530-289-2910

AGENDA ITEM: Resolution updating the Sierra County Information Technology (IT) Policy.

SUPPORTIVE DOCUMENTS ATTACHED: Memo Resolution Agreement Other

BACKGROUND INFORMATION:

FUNDING SOURCE:
GENERAL FUND IMPACT: No General Fund Impact
OTHER FUND:
AMOUNT: \$ N/A

ARE ADDITIONAL PERSONNEL REQUIRED?

 Yes, -- --
 No

IS THIS ITEM ALLOCATED IN THE BUDGET? Yes No

IS A BUDGET TRANSFER REQUIRED? Yes No

SPACE BELOW FOR CLERK'S USE

<p>BOARD ACTION: <input type="checkbox"/> Approved <input type="checkbox"/> Approved as amended <input type="checkbox"/> Adopted <input type="checkbox"/> Adopted as amended <input type="checkbox"/> Denied <input type="checkbox"/> Other <input type="checkbox"/> No Action Taken</p>	<p><input type="checkbox"/> Set public hearing For: _____ <input type="checkbox"/> Direction to: _____ <input type="checkbox"/> Referred to: _____ <input type="checkbox"/> Continued to: _____ <input type="checkbox"/> Authorization given to: _____</p>	<p>Resolution 2020- _____ Agreement 2020- _____ Ordinance _____ Vote: Ayes: Noes: Abstain: Absent: <input type="checkbox"/> By Consensus</p>
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COMMENTS:

CLERK TO THE BOARD

DATE

BOARD OF SUPERVISORS, COUNTY OF SIERRA, STATE OF CALIFORNIA

**RESOLUTION UPDATING THE SIERRA COUNTY
INFORMATION TECHNOLOGY (IT) POLICY**

Resolution 2020

WHEREAS, the Board of Supervisors previously adopted an Electronic Media and Use Policy/Information Technology Policy pursuant to resolutions 2009-067, 2016-034 and 2017-117, which policy governs the appropriate uses, processes, and procedures by which county employees shall use the County's electronic media and devices, and

WHEREAS, electronic media and devices are a topic of constantly evolving practical, technical and legal requirements and best practices which requires continual review and updating, and

WHEREAS, the attached updated Information Technology Policy has been reviewed and edited by staff.

NOW, THEREFORE, BE IT RESOLVED that the Sierra County Board of Supervisors, County of Sierra, State of California does the attached Information Technology Policy, dated January, 2020, is hereby adopted by the County Sierra. This Policy shall supersede any prior County policy on the same subject matter.

ADOPTED by the Board of Supervisors of the County of Sierra on the _____ day of _____, 2020, by the following vote:

AYES: Supervisors
NOES: None
ABSTAIN: None
ABSENT: None

COUNTY OF SIERRA

JIM BEARD, CHAIRMAN
BOARD OF SUPERVISORS

ATTEST:

APPROVED AS TO FORM:

HEATHER FOSTER
CLERK TO THE BOARD

DAVID PRENTICE
COUNTY COUNSEL

Sierra County Information Technology Policy



January, 2020

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COUNTY OF SIERRA

Information Technology Policy

Purpose

Information and the systems, networks, and software necessary for processing are essential Sierra County assets that must be appropriately protected against all forms of unauthorized access, use, disclosure or modification, Security and controls for County information and associated assets (County IS Assets) must be implemented to help ensure privacy, confidentiality, data integrity, availability, accountability, and appropriate use. This policy establishes the minimum standard to which all departments must adhere. Departments may, with the approval of the Information Systems Department (IS Department), enhance the minimum standard based on their unique requirements. This policy governs all Electronic Communications Resources including, but not limited to, the Internet, E-mail, voice-mail, cellular telephones, pagers, personal digital assistants, smartphones, Blackberry devices, computers/laptops, telecommunications devices, video and audio equipment, wireless networks, data systems telecommunications equipment, transmission devices, data processing or storage systems, computer systems, servers, networks, input/output and connecting devices, software, County-related social media, and documentation that supports electronic communications services ("Electronic Communications Resources").

General

The County of Sierra encourages the use of electronic communications resources to share information in support of its mission of public service and to conduct its business. The County owns and operates a variety of computers, network, electronic mail (hereinafter "e-mail"), Internet access and voice communication systems for use by its employees. These systems are provided to employees at the County's expense to assist the employees in carrying out the business of the County.

Social media tools and websites such as Twitter, Facebook, LinkedIn as well as services such as Instant Messaging/Chat, Comments, Wikis, Blogs, Groups, Skype, and VoIP are similar to e-mail as communication methods and for the purpose of this policy, are equivalent in all aspects to e-mail. As such, social media services/tools/technologies including instant messaging are inclusive to all references to e-mail in this policy.

Department use of social media technology must conform to the policies, protocols and procedures contained, or referenced, herein.

Social media applications used by Departments must be approved by the Board of Supervisors prior to use.

Employees are not guaranteed access to County-owned devices or networks, and are not guaranteed permission to use personal devices for County business. Remote access is not guaranteed and requires pre-approval.

1. Employee Owned Equipment

Employee privately owned equipment (cell/smart-phones, note/net-books, tablets, computers and other current and future devices) are increasingly being used to access County-owned systems, network, information and communications and to conduct County business.

The policies apply to all county business activities and communications conducted on employee owned equipment and/or while employees are working and utilizing personally owned equipment. Employees should be aware that privately owned equipment may, as part of litigation or other legal processes, be subject to seizure for review of the county owned data and therefore, the County prefers that employees use county-owned equipment for conducting county business.

Should the County need to review an employee's privately owned equipment for county purposes, the County will comply with all state and federal laws and regulations regarding employer access to employee-owned equipment.

2. Electronic Communications

The County's email system is the official communication tool for County business. An official email address is established and assigned by the County to each employee. All County communications sent via email will be sent to this address. County employees must use the official County email, instead of their private email address (such as Yahoo, Google, Hotmail, etc.) when communicating County business via email. Electronic Communications Resources must be used in compliance with applicable statutes, regulations, and County's policies including those that require a work environment free from discrimination and harassment. Electronic communications should conform to the same standards of propriety and respect as any other verbal or written communication at the County. Employees are expected to use common sense and judgment to avoid any communication which is disrespectful, offensive or illegal.

The County, as the provider of access to its Electronic Communications Resources, reserves the right to specify how those resources will be used and administered to comply with this policy. It is important to realize that the message content sent from the County's account reflects upon the County (positively or negatively) to those who receive the message. Electronic communications to recipients on systems outside of County pass through systems and networks not managed by the County. The privacy and confidentiality of these messages is, therefore, not assured. In addition, some delivery methods and networks impose legal restrictions regarding the nature of messages allowed. Users are expected to comply with all such regulations. Employees and other users of the Electronic Communications Resources may create criminal and civil liability for themselves and the County by using outside or third party systems in an offensive, defamatory or illegal manner and in such event employees and other users may be subject to disciplinary action up to and including termination.

It is the County's responsibility to ensure availability of a device for the employee to be able to access this account. It is the employee's responsibility to check the account for county communications on a regular and frequent basis.

3. Login Credentials

Employees are required to keep their assigned personal login credentials that include username and password, private and safe and not share it with anyone. This password will be required to meet complexity requirements put in place by the Information Systems Department and will be reset annually unless stricter requirements are required.

4. Software

Only software that has been purchased or authorized by the County of Sierra Information Systems Department may be loaded onto County owned computers or other communication equipment. All software vendors must complete a Vendor Application Information Questionnaire and return it to the Information Systems Department for approval prior to commitment of purchase. To assure that all software is licensed and virus free, all software that is to reside on the LAN or personal computer disk drives will be installed by the Information Systems Department. All software or data brought in from outside the County (whether via physical media or via download) must be scanned by an updated County approved anti-virus and anti-malware software program before being loaded onto any County computer system. Downloading programs from outside sources such as the Internet must be pre-approved by Information Systems Department. All such programs will be scanned for virus and malware. Such programs will be necessary and related to County business.

All equipment connected to the County of Sierra network must be authorized by the Information Systems Department prior to attaching to the network or associated peripherals.

5. Data Integrity

Users are responsible for maintaining the integrity of County data. Users may not knowingly or through negligence cause County data to be modified or corrupted in any way that compromises its accuracy or prevents authorized access.

6. Incidental Personal Use

Electronic Communication Resources are provided by the County to facilitate the performance of County work. Under no circumstance other than that which is expressly permitted, should an employee use any County resource for personal use. Incidental personal use is permitted for reasons of personal necessity so long as employee use of the systems are made during the time the employee is relieved from duty (i.e. during a break, during the employee's lunch hour, or before or after the employee's work shift), and only so long as the Department Head determines that the operation of the Department is not being compromised or disrupted.

Incidental personal use should be minimal, and should not:

- interfere with the County's operation of Electronic Communications Resources;
- interfere with the user's employment or other obligations to the County, or
- burden the County with noticeable incremental costs. Incidental use of the County's Electronic Communications Resources should clearly indicate that the use is personal.

Users of Electronic Communications Resources will not give the impression that they are representing, giving opinions, or otherwise making statements on behalf of the County unless appropriately authorized to do so. The County is not responsible for any loss or damage incurred by an individual as a result of personal use of the County's Electronic Communications Resources.

7. Casual Remote Access

Modern business practices often provide for an employee to be able to check electronic communications tools from home or other non-work sites, which will be referred to as "Casual Remote Access". Communication tools are voice mail, email, electronic calendar or other similar tools. Casual Remote Access does not qualify for over-time compensation as Casual Remote Access is voluntary and not at the direction of management.

- This section is intended to facilitate casual remote access, when appropriate, and to define the restrictions and responsibilities of employees and others who are authorized casual remote access. Managers and other employees, who are not subject to overtime pay, may have fewer limitations to casual remote access than other employees. Contractors, consultants, non-County agencies, and others who are authorized to use the County's computer networks, may be subject to these provisions.
- The County's Email System can be accessed from non-work sites through a specific secure website via a web browser or other electronic communications tools. The Department Head, or his/her designee, will establish the appropriate restrictions for the employee's casual remote access to e-mail. In some situations, the department might expect an employee who is out of the area at a work-related training or conference to check email, similar to expectations to check and respond to voice mail as part of the normal work day. In some situations, during non-work time an employee may be authorized, for their own convenience and in a non-pay status, to access e-mail, voice mail, or their schedule for minimal amounts of time. The department has flexibility to authorize an employee to work or work overtime, via casual remote access; however, this policy is not intended to replace the County's Telecommuting Policy.
- The process for accessing the County's email or other electronic tools has been set up by the Information Systems Department, who reserves the right to discontinue the service if the need arises.

8. Remote Access/VPN (Virtual Private Network) Policy

This section contains the standards for connecting to Sierra County's network from a remote location. These standards are designed to minimize the potential liability exposure to the County, which may result from unauthorized use of County resources, such as the loss of sensitive or confidential data, violation of intellectual property, damage to the County's public image, damage to critical County internal systems or damage to third-party or County property.

This policy applies to all employees, volunteers, contractors, consultants, non-County agencies, and others who are authorized to access the computer networks. This policy applies to remote access

connections used to do work on behalf of Sierra County, including reading or sending email and viewing intranet web resources.

- The following definitions are used in this section:
 - A. VPN - Virtual Private Network - a means of connecting a remote computer to a network across the Internet by creating a secure encrypted tunnel.
 - B. DMZ - Demilitarized Zone - a network segment on a Firewall that is outside the internal network (lower security) and inside the Internet (higher security), used for placing devices that may need to be accessed by the Internet (Web servers, etc.).
 - C. Remote Access - a means of accessing core network resources from a site not physically connected, accomplished by Dialup connection, or a DSL, or Cable modem, with a VPN tunnel.
- The following are the limitations on remote access:
 - A. VPN access is permitted to County employees only and only with authorization.
 - B. No employee will be provided with VPN access without specific written consent from their Department Head and the Information Systems Department.
 - C. Remote access will be granted for authorized County work only. All remote access to the County network will be accomplished via Cisco AnyConnect, a secure remote access method (including, but not limited to, strong authentication, Virtual Private Network (VPN), controlled dial-in/dial-out, firewall demilitarized zone (DMZ)).
 - D. Internet access is disabled while connected via VPN. There is no exception to this limitation.
 - E. Access from a remote site to a County network that contains sensitive or restricted information may require extended identification and authentication procedures as well as additional authorization.
 - F. Access to County resources will only be allowed from County owned and controlled computers, unless otherwise authorized by the Information Systems Department. All authorized employees accessing the County network from their privately-owned computers will exercise due diligence in ensuring that their systems (both hardware and software) are free from computer viral and malware infection, precluded unauthorized use, including unauthorized use by non-County employees, or by County employees who have not been specifically authorized for such access.
 - G. When an authorized user terminates employment or transfers to another department or office, all existing remote access services will be terminated. Remote access will have to be re-justified and re-established for any new County position. County owned hardware must be returned and software permanently deleted from privately-owned equipment.
 - H. VPN Access must be renewed and authorized annually.

Department Heads are responsible for contacting the Information Systems Department to receive/complete/file the Virtual Private Network Use Agreement.

Once the required Agreement has been filed with the Information Systems Department, the Information Systems Department will provide the authorized employee virtual access to the network. If the requesting department does not have a County-owned and County-monitored computer available, the Department will contact the Information Systems Department to determine if one is available elsewhere. Departments that have County-owned and County-monitored computers must ensure those computers are plugged into the County network weekly to receive security and software upgrades.

9. Privacy Limits

Users of County e-mail and communication systems should be aware that:

- (1) their e-mail/communications are not personal and private;
- (2) their email/communications may be (but are not necessarily) saved for future reference; and
- (3) their email/communications may be seen by persons other than the original addressee.

Subject to the restriction regarding obtaining County Counsel's permission under certain circumstances, the County of Sierra reserves the right to monitor or review e-mail messages and any information stored or transmitted on its equipment without advance notice to the users thereof. All such communications are the property of the County of Sierra, and may be accessed. The County reserves the right to specify how the County's network resources will be used and administered to comply with this policy and all documents. Other than those going to, or from, or within County Counsel's Office, designation upon such communications (e.g. "personal", "private" or "confidential") will not result in the document receiving any greater degree of privacy or confidentiality than that which would normally be given such communication and no employee should have an expectation of privacy in any message or communication he or she creates, receives, stores, sends, or deletes from any of the systems.

Employees should not communicate their private, privileged, or confidential information, including but not limited to personal attorney client communications, financial or medical information and other privileged information, via the County's Electronic Communications Resources. Employees who do communicate their private, privileged or confidential information via the County's Electronic Communications Resources will be deemed to have waived any privilege or privacy rights in those communications, even where those communications are made via personal password protected accounts using the County's Electronic Communications Resources.

Additionally, the County may be required to produce information transmitted or stored on its Electronic Communications Resources pursuant to a court order, subpoena, or statute.

10. Public Records Act and Litigation

The California Public Records Act requires the County to disclose specified public records. In response to requests for such disclosure, it may be necessary to examine electronic communications records that users may consider to be personal to determine whether they are public records that are subject to disclosure.

All communications transmitted via the County's Electronic Communications Resources, whether or not related to personal or confidential matters, are subject to monitoring, at the County's discretion. Communications under these systems may also be discoverable during the course of legal proceedings.

Nothing in this policy will be construed to allow disclosure to the public under the Public Records Act or discovery production in a civil lawsuit of otherwise privileged or confidential information. An employee will consult with his/her department head regarding department policy before sending information subject to state and federal privacy laws (e.g., Health Insurance Portability and Accountability Act, "HIPAA").

For further information, please refer to the County of Sierra Public Records Act Policy for Private Devices and Accounts dated September, 2017.

11. Confidentiality

California law requires that certain information be treated as confidential and not be distributed to others inside or outside the County who do not have authorization to view such information. Some examples of confidential information are: personnel records, medical records, internal investigations, on-going civil and criminal investigations, criminal records, information relating to litigation or potential litigation, attorney-client communications, information relating to labor negotiations, or information relating to confidential real estate negotiations. Confidential information should not be sent, forwarded or accessed by individuals or entities not authorized to receive that information and should not be sent, forwarded or accessed by County employees not authorized to view such information. Employees shall exercise caution in sending confidential memoranda, letters or phone calls, because of the ease with which such information can lose confidentiality by inadvertent or intentional diversion or re-transmission by others.

Employees who access, via his/her device, Protected Health Information (PHI), and/or Personally Identifiable Information (PII), and/or any other data deemed by policy or statute to require encryption, are required to maintain the settings on his/her device such that data encryption is enabled at all times.

12. Restrictions

The information sources accessible via the Internet are worldwide and constantly growing in kind and number. It is not possible for any Internet access provider to fully manage the types of information accessible by its systems and users, especially with regard to content limitations. Nonetheless, the County reserves the right to restrict access to any data source, at its sole discretion. These restrictions do not constitute an implication of approval of other non-restricted sources.

13. Inappropriate Use

Without exhausting all the possibilities, the following are examples of inappropriate use of the County's Electronic Communications Resources and County telephone, cell phone and voice mail systems:

- Creating, viewing, accessing, downloading, storing, or exposing others unwillingly, either through carelessness or intention, to material which is offensive, obscene or in poor taste. This includes information which could create an intimidating, offensive or hostile work environment;
- Any use that may, for a reasonable person, create or further a hostile attitude or give offense on the basis of race, color, religion, national origin, citizenship, ancestry, marital status, gender, disability, age, veteran's status or sexual orientation;

- Communicating confidential County or HIPAA classified information to unauthorized individuals within or outside of County;
- Sending messages or information which is in conflict with applicable law or County policies, rules or procedures;
- Attempting to access unauthorized data or break into any County or non-County system;
- Engaging in theft or the unauthorized copying of electronic files or data;
- Performing acts that are wasteful of computing resources or that unfairly monopolize resources to the exclusion of others is prohibited. These acts include, but are not limited to sending mass mailings or chain letters and creating unnecessary network traffic;
- Intentionally misrepresenting one's identity for improper or illegal acts;
- Engaging in unlawful activities;
- Engaging in commercial activity or activity for financial gain, not under the auspices of the County;
- Engaging in recreational use of the County's Electronic Communications Resources that interferes with the ability of the employee or other users to conduct County work. This includes but is not limited to downloading or uploading software, games, or shareware. Employees are also prohibited from downloading and using instant messenger (IM) for recreational use;
- Advertising or soliciting for commercial ventures, personal business, or to perform an illegal or malicious act; and
- Illegal copying of computer software protected by copyright.

If an employee receives an unreasonable amount of personal email or email that is inappropriate as described above, the employee is required to immediately give notice to the sender(s) of the email to cease further issuance of the subject emails. Knowledge of passwords, loopholes, or other means of gaining access to network, data, communication, application, server, document, website, device, and associated computer security systems will not be used to damage computing information or resources, obtain extra information or resources, take information or resources from another user, gain unauthorized access to information and resources, or otherwise make use of information or resources for which proper authorization has not been given.

Accessing data on the County computer systems unless expressly authorized is strictly prohibited.

14. Attorney-Client Privilege

In order to preserve the attorney-client and attorney work-product privileges, e-mail communication to, from, or within County Counsel's office may not be opened, except by a person to whom it was properly addressed or with County Counsel's express permission. Employees who send an e-mail containing confidential information to County Counsel should be aware that the confidential nature of such e-mails is subject to challenge in the courts and that preservation of these privileges requires limiting disclosure of the e-mail to essential recipients only. These limitations on monitoring do not apply to incoming or outgoing Internet e-mail for automated virus and spam protection, or Intrusion Detection Systems, nor do these limitations apply to monitoring by Sierra County Information Systems Department either externally or internally for Security or Quality of Service purposes as long as such e-mail are not opened and read by a person who has not received the County Counsel's permission.

15. Discipline

Employees may be subject to disciplinary action for using the Electronic Communications Resources in a manner other than for their intended purposes, or in a manner that violates applicable laws, rules and policies. Any violation of this policy will be considered grounds for disciplinary action up to and including termination, and/or civil and/or criminal prosecution under County, State, or Federal laws.

16. Document Retention

Electronic files, documents, and e-mail messages should be treated the same as paper documents with regard to the laws pertaining to a public entity's retention and destruction of documents and records (Government Code Section 26200, et seq.). Accordingly, employees and elected officers may have an obligation to retain certain documents and e-mail communications for a specified period of time. Employees should seek the advice of their Department heads in order to ascertain the specific time requirements, which apply to the documents generated, received, and/or maintained by their departments. An e-mail communication will be deleted after 6 months or as soon as practicable from the electronic communications system by an elected officer or an employee (recipient and the sender) without preserving the informational content of such communication, or any portion thereof, in archival form unless: 1) a law expressly requires such communication to be kept; 2) preservation of such communication is necessary or convenient to the discharge of the elected officer's or the employee's duties and such communication was made or retained for the purpose of preserving its informational content for future County use or reference; 3) in the event a public inspection request is made pursuant to the Public Records Act, or a demand by subpoena or court order is received by the County, for any communication in existence at the time such request or demand is received, or 4) whenever the potential for litigation arises, or has arisen, with respect to the matter communicated in the e-mail. For purposes of this section, retention of e-mails falling into the four specified categories will be accomplished by either saving the communication on the elected officer's or the employee's user account by archiving the file to portable document format (.pdf) or by printing a hard copy of the communication on a printer and depositing it in a folder named "archives".

An e-mail saved in this manner may be destroyed pursuant to Government Code §26202 when it becomes more than two (2) years old. In addition, each department may have set a destruction of records schedule for various types of records. An e-mail falling into a category that is to be kept longer than two (2) years will be printed and the hard copy placed in the appropriate category's file for retention beyond the two (2) year period hereby established for e-mails in general.