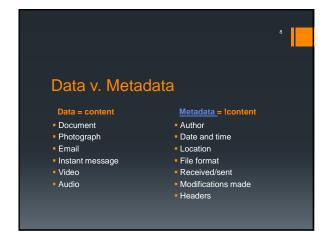
It's on My Phone	
Social Media Evidence in Child Support Patti Ratekin, San Diego Superior Court Jackson Lucky, Riverside Superior Court	
ESI Electronically Stored Information	
Forms of ESI Printing Photographics	
 Photographing Email or fax Every recording Any form of communication or representation Letters, words, pictures, sounds, symbols Recorded in any manner Evid. Code §250, "Writing" 	

Types of ESI Cloud data storage Operating system data storage Emails Instant messaging Social media Search queries Productivity/office software Digital photos and reproductions

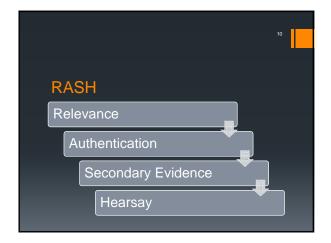




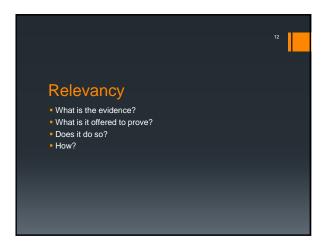
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From Top 100 io	OS/Android Apps
■ <u>Facebook Messenger</u>	• WhatsApp
<u>Facebook</u><u>YouTube</u>Instagram	■ <u>Vine</u> ■ <u>Skype</u> ■ Viber
SnapchatPinterest	<u>Tango</u><u>Gtranslate</u>
<u>Twitter</u><u>Tinder</u>Gmail	 Dropbox / Gdrive Find Friends Uber / Lvft
- Giriali	- Ober / Lyri





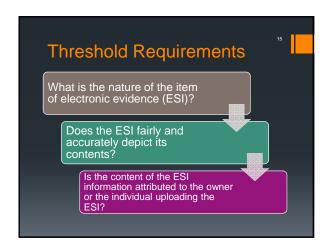






Relevancy and Authentication • When the object sought to be introduced is a writing, this preliminary showing of relevancy usually entails some proof that the writing is authentic--i.e., that the writing was made or signed by its purported maker. • People v. Goldsmith

General Rule • A writing must be authenticated before the writing or secondary evidence of its content is admitted. • Evidence Code §1401



	16	
Accurate Depiction		
 Authentication means the item is what it claims to be. Evidence Code §1400 People v. Valdez 		
_		
	17	
Sources of Authentication		
ReliabilityExpertsPercipient Witnesses		
 Circumstantial Methods of Authentication Reply/Acknowledgment Content 		
Statutory PresumptionsJudicial Notice		
	18	
Reliability		
 Method of preservation Method of collection Chain of custody 		

	19	
Chain of Custody		
 It is reasonably certain that there was no alteration? It is as likely as not that the evidence analyzed was not the evidence originally received. People v. Catlin 		
• Реоріе V. Сашії		
2	20	
Self-authentication		
A writing may be authenticated by evidence that the writing		
refers to matters that are unlikely to be known to anyone other than the author of the writing. • Evidence Code §1413		
·		
2	21	
MPC		
Witness authentication "the testimony of a person who was present at the time		
that it accurately depicts what it purports to show" • People v. Beckley		

22	
Expert authentication Experts can establish Based upon their examination Or examination of metadata	
23	
Photographs 1948 Photographs found in apartment, depicting the apartment. Expert testifies pictures themselves are not characteristic of composite photographs are either genuine or a contact print of the photograph People v. Doggett	
24	
Photographs 2010 • Photo of party flashing gang signs downloaded from MySpace • Witness testifies to downloading photo • Recognizes party • No expert testimony	

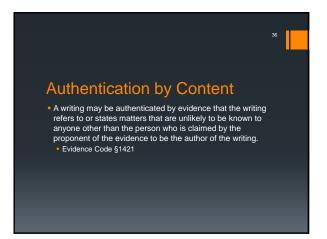
25	_	
Excluded	_	
No expert testified that it was not composite or faked Expert testimony critical to prevent manipulated images People v. Beckley	-	
But there's a contrary view		
	_	
26	_	
When is an Expert Needed?	-	
 Sufficiently beyond common experience Opinion would assist the trier of fact 	_	
Evidence Code § 801(a)	_	
	-	
	-	
27	_	
	_	
Who is an Expert? • One who has special knowledge, skill, experience, training or	_	
education On the subject matter to which his/her testimony relates Evidence Code §720	_	
	_	

Competency of the Expert Preliminary foundation is judicial determination • Finding not necessary unless objection Competency dependent upon facts of the case and the expert's background Degree of expertise is relevant to weight, not admissibility **Basis for Opinion** It must be "of a type that reasonably may be relied upon" by similar experts Evidence Code § 801(b) Forensic Expert Authentication PhotographsSystems ExpertsMetadata Email protocols
 Data Storage Written Documents • Embedded data Alteration of Data Recovery Experts Cellebrite
 Cellphone Systems Experts

	31	
Photographs 2011		
 Photo of party flashing gang signs from MySpace Photos include moniker "TLF" from party's MySpace. No forensic expert 		
 Witness testifies only the creator or someone with password can upload or manipulate the contents 		
_		
	32	
Admissible		
 Circumstantial evidence of authenticity was sufficient Factors: Restricted access to site 		
Consistent contentPeople v. Valdez		
	33	
Qualified User Testimony		
 Detective used "voice print system" Retrieved time-and-date-stamped 911 calls Familiar with process 		
But not familiar system maintenance or accuracy		

Admissible Computer systems that automatically record data in real time are presumed to be accurate. Issues regarding the accuracy of a computer printout affects the weight not admissibility. People v. Dawkins

That's her baby's daddy DA introduces series of text message from pimp to victim in pandering case. In messages there are references to sender as "Poppy", their relationship and that they have a child together, Oscar. Victim refuses to testify but DA presents victim's mother who knows D as "Poppy" and that he is father of Oscar. **Cost 1 to fine what to **Cost 1 to fine wh



Authentication by Circumstantial
Evidence

Site is password protected
Subject in photo is identifiable
"Pervasive consistency of content"
Numerous personal photographs
Communications to and from the subject
Other details tending to show identity and ownership
Lack of motive on the part of others to adulterate content
Timing of the posting
People v. Valdez

Other Forms of Authentication Scenario 1 DA introduces both a photograph depicting D flashing gang signs downloaded from a webpage from codefendant and rap lyrics from the D's MySpace page. D acknowledges to his girlfriend that he wrote the lyrics and that that is his photo.

Scenario 2 In an undercover child sex sting operation, detective sends an email to D pretending to be 13 years old and asks for a photo of D. In response the D forwards a photo of his private parts.

Scenario 3

P seeks to introduce D's, trucking company, records of employee mileage. After employee inputs mileage, D prints out mileage record on a monthly basis to calculate expenses.

D claims custodian is needed to establish authenticity and accuracy of records.

LEDGER

Statutory Forms of Authentication

- Admission of authenticity
- Express or implied
- Evidence Code § 1414
- Authentication by Evidence of Reply
- Evidence Code § 1420

"It's not exactly right"

DA seeks to introduce still photos taken from surveillance videotape through Det. Brown. Det. Brown testifies that he viewed videos at the store but only a portion of the video appears in the still and the heads of the suspects were not visible in the photos due to the capture equipment.

D objects that since the photos only depicted part

D objects that since the photos only depicted part of the video, photo lacks foundation.

People v. Chism

Admit Rebuttable presumption that the printed still photos of images stored on a video or digital medium are accurate. Evidence Code §1553 What if the photo is enhanced? "But no one saw me" In red light case, officer testifies that he issued citation based upon the result of a red light camera (ATES). He knows how the ATES works and how the photos are generated. Photos were introduced which depicted both a vehicle and imprint of the date and time. Aware that the ATES company falsified records in other jurisdictions, D objects that there is a lack of foundation. **Admit** "Printed representation of computer information ... is presumed to be accurate"

• Evidence Code §1552

medium is presumed to be accurate"
• Evidence Code §1553

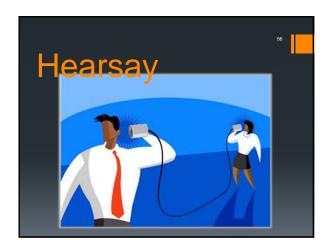
• "Printed representation of images stored on video or digital

46	
More may be needed	
Even where the statutory presumptions apply, the	
presumptions by themselves may be insufficient to establish foundation.	
People v. Rekte	
47	
Ctondond	
Standard	
 "The proponent's threshold authentication burden for admissibility is not to establish validity or negate falsity in a 	
categorical fashion, but rather to make a showing on which the trier of fact reasonably could conclude the proffered	
writing is authentic."	
▪ People v. Valdez	
	-
48	
Thousands of People Use the Site	
P requests the court to take judicial notice of several	
websites of both a newspaper and the D company pursuant to EC §452.	
 D objects that this is not proper subject matter for judicial 	
notice.	
	-

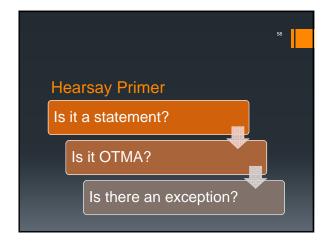
49	
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Judicial Notice	
 "Facts and propositions that are of such common knowledgethat they cannot reasonably be the subject of dispute." 	
 "Facts and propositions that are not reasonably subject to dispute and are capable of immediate and accurate determination by resort to sources of reasonably indisputable 	
accuracy" • Evidence Code § 452(g) & (e)	
50	
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Secondary Evidence	
 There is no best evidence rule Content of a writing may be proved by: Original (EC 1520, EC 255) 	
 Secondary evidence (EC 1521(a)) (Rarely) oral testimony (EC 1521(b), EC 1523) 	
51	
Original The writing itself	
 The writing itself Photographic negative or print Any accurate printout of computer data 	

Secondary Evidence Not defined by statute Proof of document's content that is not oral Duplicates Handwritten transcriptions Secondary Evidence Exceptions ■ Genuine dispute about content— EC 1521(a)(1) Admission would be unfair— EC 1521(a)(2) Not authenticated—EC 1521(c) ■ If no opportunity to see original— EC 1522 Unless a duplicate under EC 260 Not closely related to controlling issues Public entity has copy Motion to exclude cannot be in front of jury Oral Testimony of Writing Content ■ Generally inadmissible—EC 1523(a) Unless original is legitimately lost or destroyed Proponent does not have original and Cannot be reasonably procured, or Not closely related to controlling issues Documents are voluminous and oral testimony is summary of a whole

How Do You Rule? Prosecutor has submitted a duly certified prior mailed from another state Second certified prior was not received in time Prosecutor has other jurisdiction email, a scanned copy of the second certified prior Prosecutor presents the printed scan Certification and form of mailed prior is identical to certification and form of PDF prior





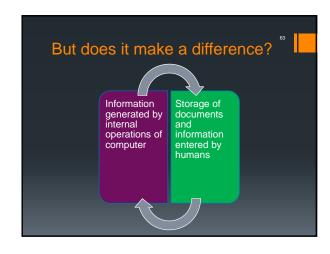






My computer is my best friend D charged with criminal misappropriation of trade secrets. DA offers computer printouts from D home computer to show that he accessed his employer's computer and its source code. D objects that the time and date listed on the print out is hearsay and its only purpose is for the truth of the matter asserted.

Admit "The Evidence Code does not contemplate that a machine can make a statement." The printout of the results of the computer's internal operations is not hearsay evidence. It does not represent the output of statements. People v. Hawkins





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Business Record Exception	
 Regular course of business by someone who had duty to do so 	
• Made at or near the time of the act, condition, or event;	
 Qualified witness testifies to its identity and the mode of its preparation; and Sources and method and time of preparation indicate 	
trustworthiness. • Evidence Code §1271	
68	
·	
"I found the card"	
 Photos taken by ATM camera at time of transaction Later extracted by bank investigators 	
 Investigator testifies as to how the ATM records transactions D objects that it is hearsay 	
■ People v. Peyton	
69	
	
Admitted	
Machine generated and a statement	
But distinguish between machine-generated Photo and time And people generated	
 And people-generated Account information 	

Official Record Exception

The writing was made by and within the scope of duty of a public employee;

The writing was made at or near the time of the act, condition, or event;

The sources of information and method and time of preparation were such as to indicate its trustworthiness.

Evidence Code §1280

"What accident?

- In license revocation action, DMV seeks to introduce evidence of the SR1 report filed by party involved in accident with D to prove existence of accident. SR1 are filed in a DMV database and the particular SR1 was retrieved by employee who is familiar with how the record is maintained.
- D objects that the SR1 is hearsay.
 - Daniels v. DMV

72

"Happens all the time"

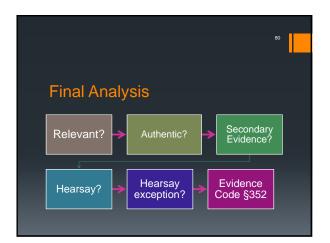
In tort action against restaurant, P attempts to introduce 911 records to show citizens called in prior reports about assaults at the business. P calls the police department's custodian of records to establish an official records exception.

Defense objects that these records are hearsay.

73	
Admit/Exclude	
 Multiple hearsay Record of the 911 call's time and date Content of the call 	
"The chief foundation is the requirement that they must be based upon the first-hand observation of someone whose job	
(or duty) it is to know the facts recorded." • Alvarez v. Jacmar	
74	
<u>"</u>	
"I don't remember taking that test"	_
 DMV seeks to introduce copy of BAC lab report Report was entered into DMV computer by arresting officer 	-
 A week after the arrest. D objects that this does not fall within the hearsay exception. 	
Molenda v. DMV	
75	
Exclude The writing must be completed "at or near the time of the act,	
condition or event" reported The issue is whether the time span between the transaction	
and the entry was so great as to suggest a danger of inaccuracy by lapse of memory Molenda v. DMV	
- Noteria v. Diviv	

	76	
"We rely on this all the time"		
 Wrongful death suit from juvenile tossing rocks at cars D calls expert foreseeability that based upon review of the data 		
 National Crashworthiness Data System the occurrence of an injury from a thrown rock was .003 per billion vehicle miles 		
 Expert says data is accurate, compiled from police reports, and commonly relied on by safety experts. P objects that expert's testimony is hearsay. 		
	77	
Admit • Statement must be a stored in a "compilation"		
 Compilation must be published Compilation used in the course of business 		
 Compilation relied upon as accurate Statement must be one of fact not opinion Evidence Code §1340 		
•		
	78	
"This is one of our tools" • Witness testifies that phone number belonged to D		
 Witness determined based upon "Entersect" web site Compiles data from LE sources linking individuals to phone 		
numbers. Dobjects that this is inadmissible hearsay. People v. Franzen		

יד	9	
Inadmissible		
 "Published" contemplates an organized edited presentation in a "fixed form" 		
 Investigative databases less reliable 		
 No evidence that Entersect was generally used and relied upon as accurate in the course of business 		





	82	
Concluding Remarks Commissioner Patti Ratekin Patti.Ratekin@SDCourt.CA.Gov 760-201-8019 Judge Jackson Lucky jackson.lucky@riverside.courts.ca.gov		
• 951-743-9779		