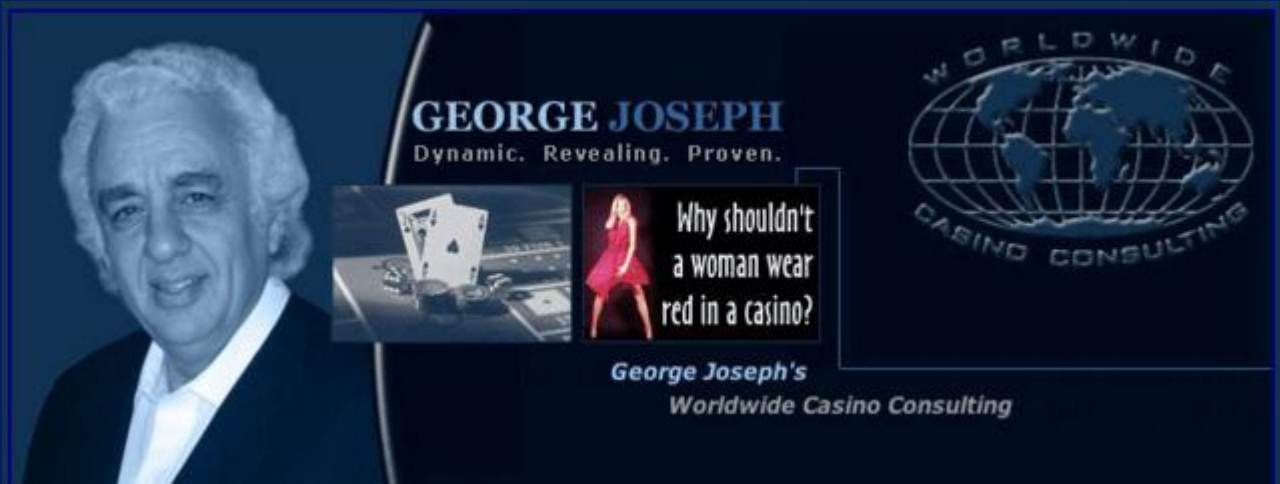
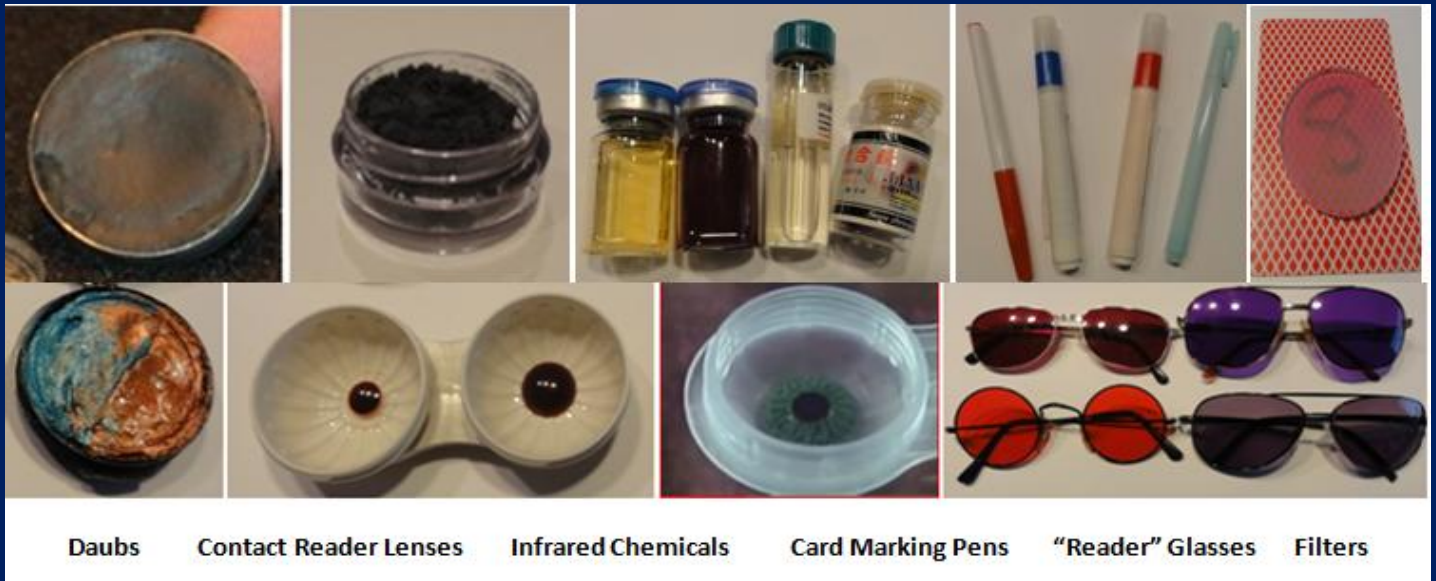


Marked Card Investigation – Techniques & Myths



George Joseph began his gaming career in Las Vegas in 1974 as a dealer and entertainer. He worked for the owners of the Aladdin Hotel, the owner of the Dunes Hotel, the owner of Treasure Island and for 10 years was the Corporate Director of Surveillance for the Bally Corporation Casinos. George served for 10 years on the Board of Directors and Ethics Committees of the Nevada Polygraph Association and holds several gaming and vendor licenses. Mr. Joseph has been instrumental in uncovering many of the biggest casino scams in the gaming industry and has been a consulting investigator and expert witness in countless casino cheating prosecutions for over thirty years. George Joseph regularly appears on National Television specials which feature casino cheating.

After a visit to the Riverside County Sheriff's Forensics Lab, George began exploring non-traditional



methods of detecting marked cards in casinos. George will present his findings for the 1st time anywhere.



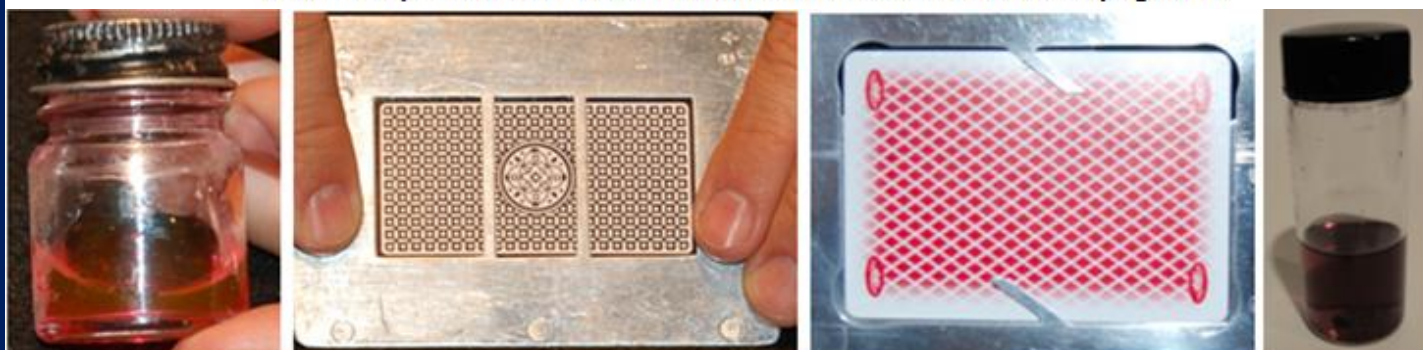
You will learn what equipment is necessary to properly examine suspect playing cards and box tampering



Various Filters and Gels which are used to Examine Playing Cards for Different Daubs & Markings



Various Scopes and Mobile Devices Which can be used to Examine Playing Cards



Card Marking Chemicals & Their Formulas – Various Templates Used to Paint or Spray Playing Cards



We'll Look at Low Tech, Medium Tech & High Tech Methods of Marking Cards & Investigating Suspect Cards



Nail Nicks

Banging Prints

Dog Ears – Hills & Valleys



sanded edge

Sanded Cards



Cut Out Work

Cut Out & Line Work



Block Out Work

Block Out & Shading



Dealer Marking Cards



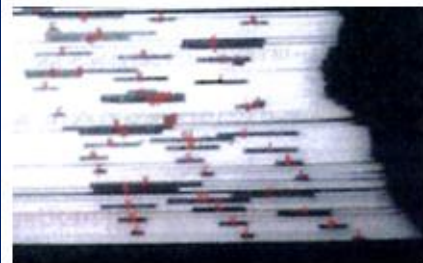
Near Infrared Daub



Applied to Cards During Play



Shows Up on a "Tricked Out" Cell Phone



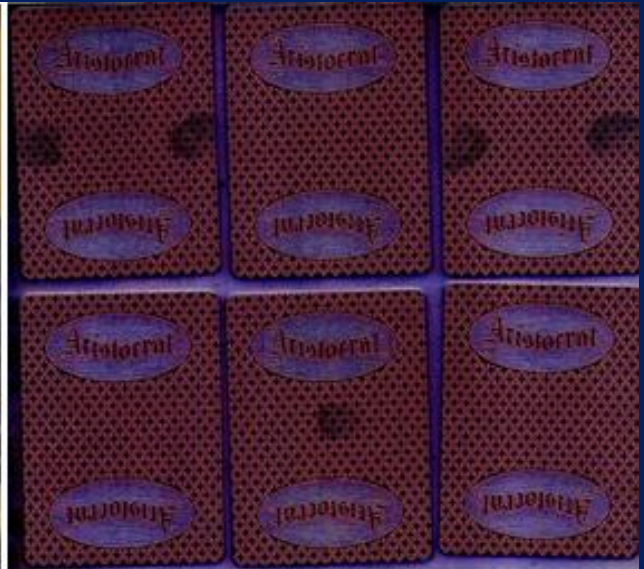
Playing Cards are Stolen or Counterfeited and the Edges Marked with a Drug Store like Barcode to indicate exact value



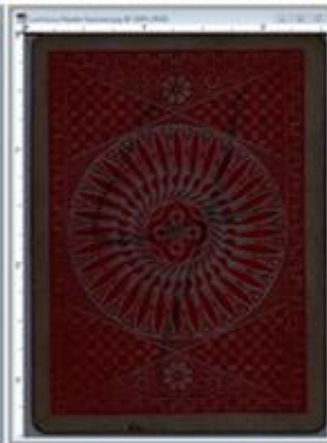
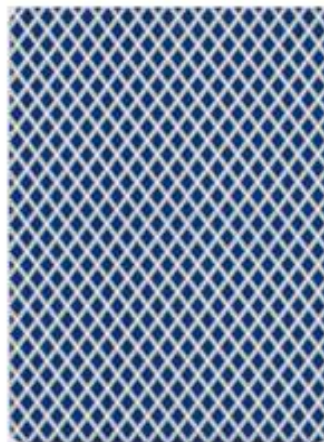
Hidden Camera Scams & Schemes Used To Read Marked Cards or Data and Transmit Covertly To & From the Table Games

“Is there a Playing Card that Cannot be Marked...?” - “How do you maintain Chain of Custody...?”

“Is there One Device which finds all Marked Cards...?” - “Surveillance VS. Casino...What are their roles...?”

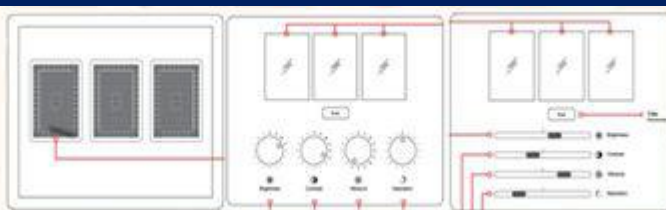


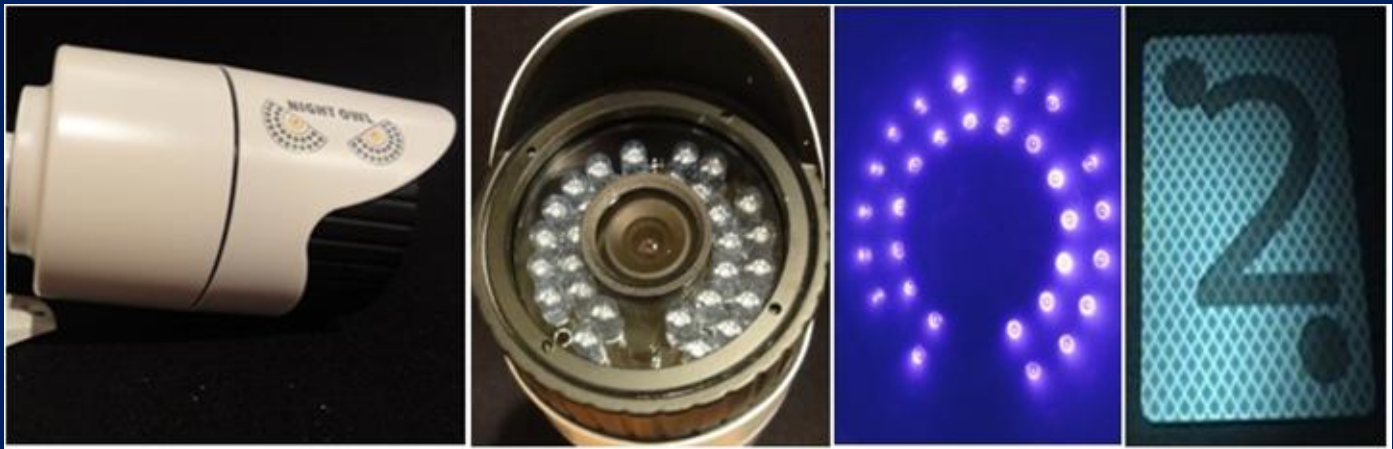
Learn to use Adobe Photoshop and a Scanner to Examine and Detect Marked Cards



Playing Cards Appear Clean to the Naked Eye...But are Exposed Using Various Settings & Techniques

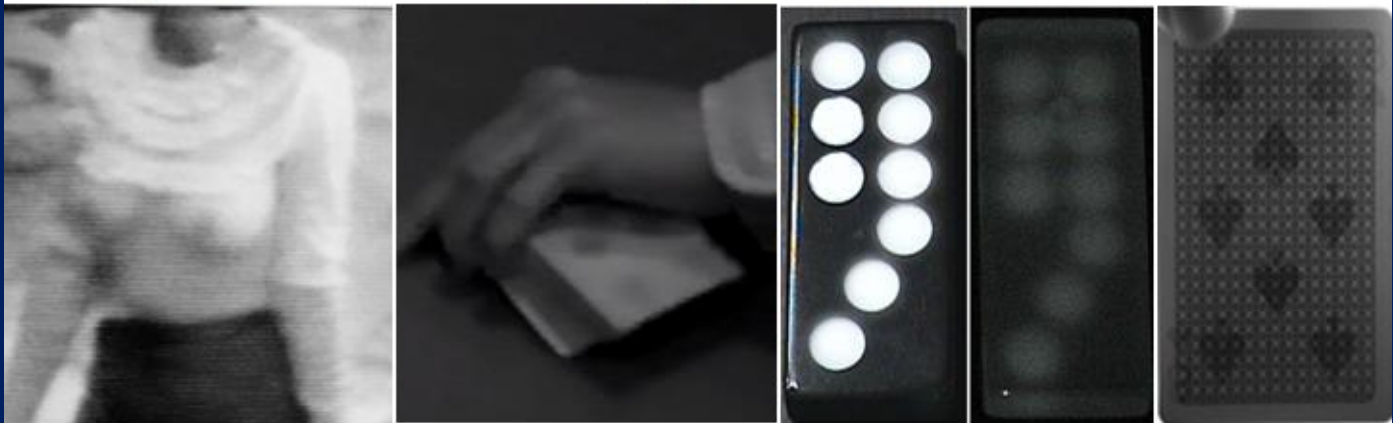
This is a first for the gaming industry. By simply utilizing Adobe Photoshop and a scanner you will expose dozens of card marking techniques. You will not need expensive equipment...Just Training.



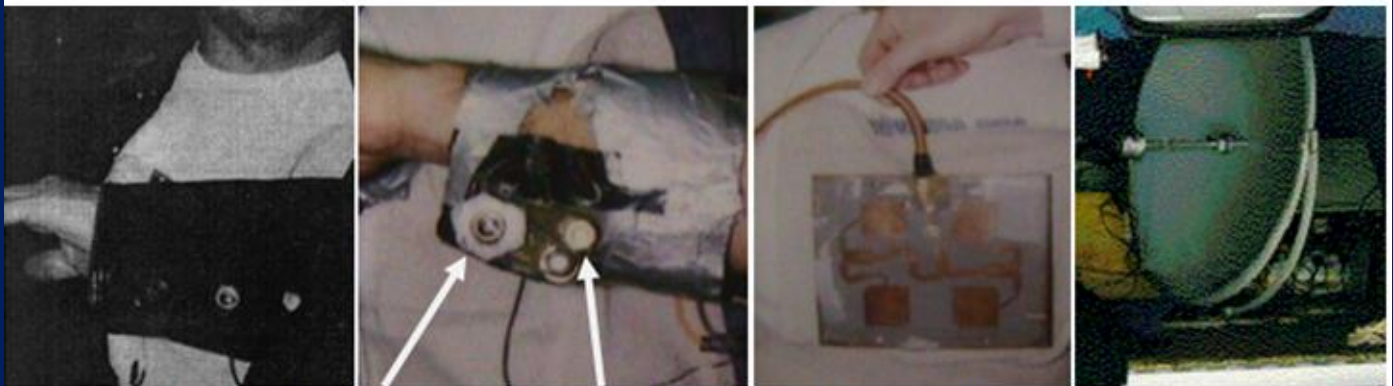


Low Light Camera

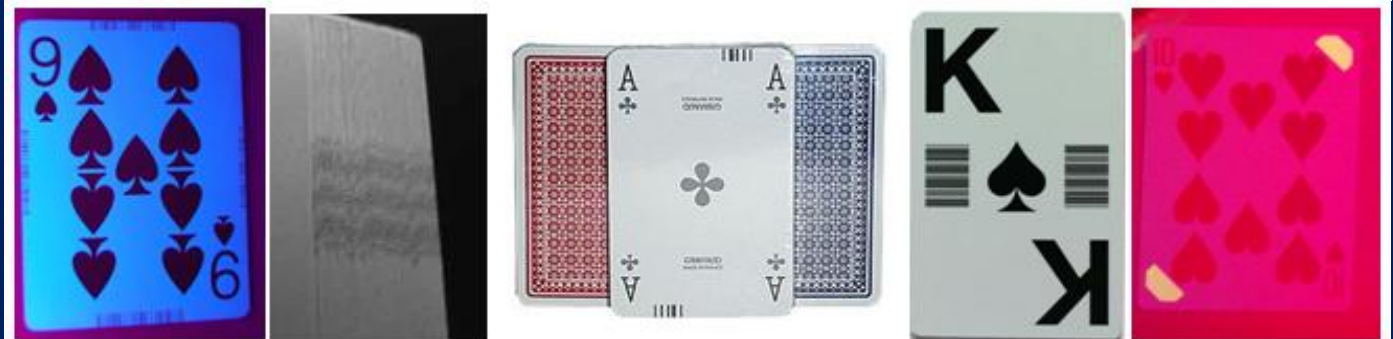
Equipped With Infrared Illuminators



Under Certain Conditions IR Cameras (& B & W) Can See Through Clothing, Tiles, Playing Cards & Read Markings



Camera & IR Light Hidden Behind Button Holes on the Sleeve - Microwave Plate on Back - Dish in Small Truck



Mind Play Bar Coded Cards

Duplimate Bar Coded Cards & Bridge Coded

Laughlin Peek Device

Learn How and Why Playing Cards are Legitimately Marked for Casinos and Private Games

You will be supplied with Marked Card Codes and Chemical Formulas used in Marked Card Schemes

Typical Luminous Code

Four Way Buzz

A 2 3 4 5 6 7

8 9 10 J Q K

Blue Daub

24 drams Powdered Soapstone
5 drams Oleic Acid
2 grains Victoria Blue B Base (dye)
4 grains Nigrosine Base B (dye)

Red Shading Ink Concentrate

1-1/14 ounce Denatured Alcohol
3/4 ounce Liquid Carbolic Acid
3 grains Rhodamine Base (dye)
2 grains Bismarck Brown Y Base (dye)

Red Blockout Ink Formula

114 ounces Denatured Alcohol -
66 grains Bismarck Brown Y Base (dye)
1 ounce Liquid Carbolic Acid - 9 grains Rhodamine Base (dye)
36 grains Gum Sandarac - 36 grains Gum Mastic - 8 drops Glycerin

Wide Band Pass Filter

Narrow Band Pass Filter

Short Pass and Long Pass Filter Combination SP-LP

Transmittance (%)

Block

Pass

UV IR UV IR UV IR

(a) (b) (c)

Figure 3

“What’s Next in the “Cat & Mouse” Marked Card Game Protection Issue...?”

We will ask and answer these and many more relevant questions;

1. “Is detecting marked cards in Poker the same as detecting marked cards in Blackjack or Carnival Games?”
2. “Is cheating with marked cards in a Poker Cash “Ring” game the same as cheating with marked cards in a Poker Tournament?”
3. “What types of marked cards **Will Not** show up under Ultraviolet “Black Light” ...or Infrared Lights...?”
4. “What types of game activities should prompt the segregation and inspection of playing cards...?”
5. “Do Marked Cards and Flashed Cards “Play” the same in Blackjack, Poker and/or Carnival Games...?”
 - You will be supplied with a step by step process by which to conduct a marked card investigation
 - You will be trained in the use of Adobe Photoshop (Settings & Techniques) to detect Marked Cards
 - You will complete several reviews and prepare a suspect activity report...Proving or Not...Marked Cards
 - You will view surveillance video and form an opinion as to whether or not the Play & Wagers are suspect
 - You will learn why the professional marked card teams are seldom apprehended or prosecuted

For Information or a Training Quote Contact...**George Joseph**
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Email: **GJLV@AOL.COM**

Web-Site: **www.gjlv.com**

Training Site: **www.georgejosephtraining.com**

Remember...**“The Procedure is Stronger Than The Move”**