

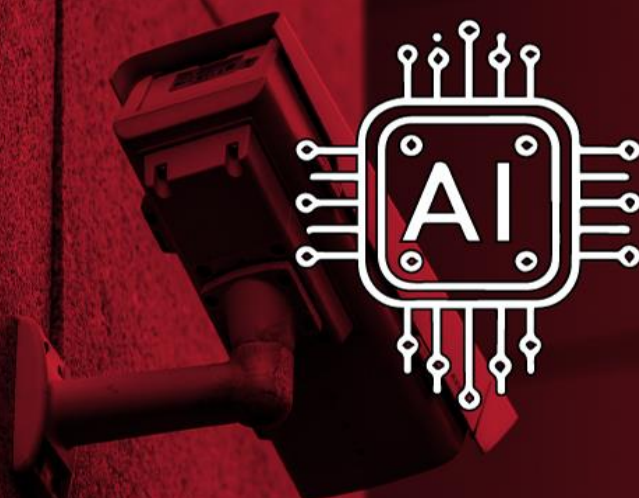
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sur
the missing piece of CCTV

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**"SEE WHAT THE
CAMERA SAW"**

THE FOOTAGE WHISPERER



**'BETTER' AI VIA DAILY AUDITS
NO MORE DATA WALL**

100+ TOPICS - AIRPORTS TO ZOOS

GAUTAM D. GORADIA



UTILITY VALUE OF
COM-SUR™ IN
ENHANCING
ANTI-CORRUPTION
EFFORTS

WELCOME



AUDIT HOURS OF FOOTAGE IN MINUTES
FIND OUT HOW COM-SUR, THE BEST
'MOUSETRAP' WILL HELP

["Seeing is believing - See what the camera saw"](#)

In our series of white papers focusing on the optimal usage of CCTV/other video surveillance systems at business verticals from an airport to a zoo (A to Z), we have explored the challenges faced by each vertical and recommended the "little more" needed to achieve optimal outcomes from surveillance video. This paper aims to highlight the utility value of COM-SUR, the world's only CCTV and other surveillance video footage auditing software, in enhancing anti-corruption efforts across these diverse verticals. By following certain methods and protocols, organizations can strengthen their anti-corruption initiatives, proactively detect and prevent potential risks.

'COM-SUR' – THE WORLD'S ONLY
CCTV/SURVEILLANCE VIDEO FOOTAGE
AUDITING, SMART BACKUP, AND STANDARDIZED
INTELLIGENT INCIDENT REPORTING SOFTWARE
– THE MISSING PIECE OF CCTV/SURVEILLANCE
VIDEO

COM-SUR is the world's only CCTV/surveillance video footage auditing, smart backup, and standardized intelligent incident reporting software that serves as a complete workflow and force multiplier. It helps audit 24 hours of footage in minutes, reduces data size, creates standardized intelligent reports, and delivers business intelligence. COM-SUR helps unlock hidden information in CCTV/surveillance video footage and enables people to gain actionable intelligence, improve homeland security, prevent crime and losses, identify and mitigate threats and hazards, and improve operational efficiency. It empowers people to gain new jobs as CCTV/surveillance video footage auditors and start new businesses of auditing video footage. Like MS Office, COM-SUR is an enabler that makes it easy to work with CCTV and other surveillance cameras in a standardized way, leading to better decision-making. It also offers exceptional investigative capabilities.

BETTER AI VIA DAILY AUDITS – NO MORE DATA
WALL

COM-SUR delivers 'BETTER' AI by transforming how organizations approach CCTV video

surveillance, auditing, and post-event analysis. By generating a constant stream of real-time, site-specific data—Continuous Frontier Data—COM-SUR ensures that AI systems are never starved for fresh, actionable insights, which is key for building custom models and addressing key challenges like data exhaustion, data walls, and data cascades that often hinder AI from performing at full potential. A key to making AI more effective lies in continuous learning from real-world incidents through daily and post-event auditing. COM-SUR enables AI models to evolve based on audit findings and incidents that go beyond real-time detection. By auditing daily footage, capturing exceptions, and feeding this data back into AI models, COM-SUR significantly improves the accuracy of AI systems, helping to reduce false alarms and enhance detection capabilities. This continuous feedback loop ensures that AI learns from what might have been missed in real-time, making it smarter and more reliable over time.

By integrating Reinforcement Learning from Human Feedback (RLHF) and Explainable AI (XAI), COM-SUR ensures that AI systems are continuously refined, transparent, responsible, and contextually aware. However, recognizing that AI can only perform tasks it's programmed for, human intelligence and intervention remain essential in verifying and refining AI outcomes. With COM-SUR, businesses can leverage AI as a powerful tool while maintaining human oversight, ensuring more accurate and informed decision-making—ultimately leading to 'BETTER' AI. This not only enhances surveillance but also paves the way for Augmented Intelligence, where AI-driven insights empower human operators while keeping them at the center of decision-making.

HOW COM-SUR SMARTLY REDUCES 'VIDEO' STORAGE SIZE

COM-SUR employs an innovative approach to smartly reduce the amount of video to be audited and consequently the storage size of videos. Regardless of the video's frame rate, COM-SUR captures a single image of the consolidated 'moment' of 'that' one second, when the I, P, and B frames come together. This method significantly reduces data size without sacrificing vital information. It goes without saying that when multiple cameras are displayed in a grid view, say 4x4, the storage size is further reduced since all the cameras are captured as a single image. Since no suggestion is being made to replace the actual video with images, COM-SUR acts as a wonderful supportive technology both to audit (review) just 86400 frames representing 24 hours and reducing the data size at the same time.

CHALLENGES RELATED TO CORRUPTION

1. Corruption risks:

Organizations, both in the private sector and government entities, face the ongoing threat of corruption. This includes bribery, embezzlement, fraud, and other illicit activities that undermine transparency, integrity, and ethical standards.

2. Insider threats:

Alongside external risks, organizations must address the dangers posed by insiders who engage in corrupt practices. This can involve employees, contractors, or individuals with authorized access to sensitive information and resources.

3. Compliance requirements:

Organizations must adhere to anti-corruption laws and regulations, ensuring compliance to avoid legal repercussions and reputational damage. Failing to meet these requirements can result in severe penalties and loss of trust.

4. Humongous growth of surveillance video:

The exponential growth of surveillance cameras has resulted in an unprecedented surge in surveillance video. Effectively managing this data has become a daunting challenge due to the massive storage capacity required, especially considering the prolonged retention periods necessary for security, incident investigation, or legal purposes. Furthermore, the prevalence of high-resolution video with increasing megapixels compounds the storage demands, making efficient data management an urgent priority for organizations grappling with the immense volume of surveillance footage.

USE OF VIDEO SURVEILLANCE FOR ANTI-CORRUPTION EFFORTS

Here are some ways video surveillance (CCTV, drones, body-worn cameras etc.) can be used in anti-corruption efforts:

1. Detection and Investigation:

Video surveillance cameras can be strategically placed in key locations to monitor activities susceptible to corruption. Surveillance footage can be reviewed to detect suspicious behavior, identify potential corrupt practices, and initiate investigations.

2. Deterrence:

The presence of video surveillance cameras along with the 'right' signage as explained further on can act as a deterrent to corruption. Knowing that their actions are being recorded, and the footage being audited daily, individuals are less likely to engage in corrupt activities, leading to a more accountable and ethical environment.

3. Evidence Collection:

Video surveillance footage serves as crucial evidence in corruption investigations and prosecutions. It can capture illegal exchanges, bribery attempts, misuse of resources, or other corrupt acts. The visual evidence obtained from surveillance cameras can help strengthen legal cases and hold individuals accountable.

4. Monitoring officials:

Video surveillance can be used to monitor the activities of officials, ensuring compliance with ethical standards and codes of conduct. It can help identify instances of abuse of power, conflicts of interest, or other unethical behaviors among government employees.

5. Whistleblower protection:

Video surveillance can provide protection to whistleblowers who expose corruption. By recording and documenting their interactions, video surveillance can serve as evidence to support whistleblower claims and protect them from retaliation.

6. Transparency and accountability:

Installing surveillance cameras along with daily auditing of the footage promotes transparency and accountability. It allows stakeholders to monitor the actions of officials, ensuring that they are acting in the best interest, and not engaging in corrupt practices.

7. Training and education:

Surveillance footage can be used in training programs for public officials to illustrate the consequences of corrupt behavior. It can be incorporated into educational initiatives to raise awareness about corruption and promote a culture of integrity and ethical conduct.

LEVERAGING CCTV AND OTHER SURVEILLANCE VIDEO FOOTAGE AUDITING FOR ANTI-CORRUPTION EFFORTS

Auditing CCTV and other surveillance video footage (from drones, body-worn cameras etc.) can play a crucial role in strengthening anti-corruption efforts within organizations. By adopting a proactive approach and utilizing the features of COM-SUR, organizations can address the challenges mentioned above and enhance their anti-corruption measures. The following points outline key benefits and recommendations for utilizing CCTV and other surveillance video footage auditing:

1) DAILY AUDITING AS STANDARD OPERATING PROCEDURE

Implementing a daily video footage auditing process as a standard operating procedure allows organizations to detect potential corrupt activities in a timely manner. Trained personnel can review the footage to identify suspicious

behavior, irregular transactions, or any anomalies that may indicate corrupt practices. Daily auditing helps organizations stay vigilant and take immediate action to prevent corruption.

2) INCIDENT DOCUMENTATION AND ANALYSIS

Documenting audit findings and incidents in a standardized template provides a valuable resource for root cause analysis and preventive measures. Analyzing historical data helps identify patterns and trends, enabling organizations to implement effective measures and prevent future occurrences of corruption. Sharing this standardized data within the industry allows relevant authorities to derive actionable intelligence and collectively combat corruption.

3) ENSURING DISASTER RECOVERY OF CCTV AND OTHER SURVEILLANCE VIDEO FOOTAGE

To safeguard against data loss or tampering, organizations should ensure the disaster recovery of CCTV and other surveillance video footage. Storing footage at multiple locations and implementing robust backup solutions protects against theft, destruction, or tampering of video data. Easy searchability and retrieval of backed-up data enable efficient investigations and evidence gathering in case of corruption-related incidents.

4) DISPLAYING DYNAMIC INFORMATION AT RELEVANT PLACES

Displaying dynamic information, such as lists of authorized personnel or known suspects, in relevant areas enhances situational awareness and aids in preventing corrupt activities. This information helps staff members identify

individuals who may pose a potential risk and enables them to report any suspicious activities promptly.

CCTV SIGNAGE: "FOR EVERYONE'S SAFETY, WE AUDIT CCTV FOOTAGE EVERY DAY"

To reinforce the importance of daily CCTV footage auditing and create awareness among employees, visitors, and potential wrongdoers, it is recommended to display prominent signage throughout the premises. A simple and powerful message such as "For everyone's safety, we audit CCTV footage every day" can serve as a visual reminder of the organization's commitment to combating corruption besides taking care of everyone's safety.

"WE AUDIT CCTV VIDEO FOOTAGE EVERYDAY".

This signage not only communicates the organization's proactive stance against corruption but also acts as a deterrent to potential wrongdoers. By highlighting the presence of active surveillance and regular auditing, the signage sends a strong message that any corrupt activities captured by the cameras will be reviewed and investigated. It enhances the perception of integrity and creates a sense of accountability for all individuals within the organization's premises. Moreover, a CCTV signage with the above 'message' helps instil confidence in stakeholders, including employees, customers, and visitors, by reassuring them that the organization is actively taking measures to ensure transparency and protect their interests. The visual impact of such signage plays a vital role in establishing an anti-corruption culture and acts as a constant reminder of the organization's commitment to maintaining ethical standards.

DE-CENTRALIZED SURVEILLANCE FOR OPTIMAL RESULTS

Organizations with multiple locations can benefit from a combination of de-centralized and centralized surveillance approaches. De-centralized surveillance provides higher accountability at each location and improves situational awareness. By leveraging COM-SUR and adopting a de-centralized surveillance strategy, organizations can increase the chances of detecting corrupt activities.

NEW SKILL – 'CCTV VIDEO FOOTAGE AUDITOR'

In a groundbreaking move, the Ministry of Skill Development of India has established National Occupational Standards for the crucial skill of CCTV Video Footage Auditing. The Ministry of Education has also introduced a course to teach this skill to students in grades 11 and 12. This initiative will not only create new job opportunities and business ventures for those seeking a fresh career path but also for retirees from both the armed forces and the private sector. Additionally, this skill will help activate the millions of CCTV cameras currently underutilized, bringing them out of 'sleep mode' and enhancing their effectiveness.

CONCLUSION

"You see, but you do not observe"—a famous quote by Sherlock Holmes in A Scandal in Bohemia (1891, by Sir Arthur Conan Doyle)—perfectly illustrates the need for human insight in surveillance. While computers can 'see,' it is human observation that truly interprets and acts on what is seen. COM-SUR simplifies and enhances this critical process, leading to more effective and insightful results.

"Cameras don't lie"—but how will you know unless you 'see' what the cameras 'saw'? Don't wait for things to go wrong. Start auditing your CCTV footage with award-winning COM-SUR today.

In closing, we present three guiding principles that will revolutionize video surveillance:

1. Auditing is fundamental—everything else is peripheral.
2. Cameras have lenses—humans have eyes.
3. Let's make cameras 'accountable.'