

## **INTERACTION OF TRAFFIC POLICE WITH A CCTV BASED E-TICKET SYSTEM IN LEGAL COMPLIANCE EFFORTS FOR VEHICLE USERS**

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**Abstract:** *Rapid technological developments are helping the traffic police in helping with vehicle users moving on the road. With the installation of closed-circuit television (CCTV), traffic disruptions and crime on the road will be reduced, because traffic flow can be monitored. If there are traffic jams, and traffic violations, traffic police officers will be able to deal quickly. The existence of CCTV based on E-Traffic makes it easier for officers and vehicle users to handle traffic violation cases. The purpose of this study is to prevent and reduce crime and traffic accidents. The research method used is empirical juridical, with primary and secondary data, and qualitative analysis presented descriptively. the result of this research is the presence of CCTV installation can cause a decrease in crime and traffic violations. CCTV cameras mounted on red lights and intersections will provide information for traffic officers, can be combined with sensors that can capture vehicles that violate the maximum speed limit while recording image evidence along with the date and time of the incident. With the E-ticket based CCTV, it can provide the effect of legal compliance for vehicle users.*

**Keywords:** *Traffic Police, closed circuit television (CCTV), E-Ticket*

### **1. Introduction**

Road Traffic and Transport is a unified system consisting of Traffic, Road Transportation, Road Traffic and Road Transportation, Road Traffic and Transport Infrastructure, Vehicles, Drivers, Road Users, and their management. Traffic is the movement of vehicles and people in the Road Traffic Room.(Law No. 22 of 2009 concerning Road Traffic and Transportation) Traffic and road transportation as part of the national transportation system must develop their potential and role to realize security, safety, order and smooth traffic and road transportation in order to support economic development and regional development. Society needs a regulation in traffic that can be used to guide traffic, so that traffic violations do not occur.

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In traffic, when someone violates a traffic regulation and is not disciplined in complying with traffic rules, a ticket will be charged. Proof of violation or abbreviated as ticket is a fine imposed by the police on road users who violate regulations. Road users often violate the rules set by traffic laws. The ticket is expected to be able to handle traffic problems. The ticket is the main tool used in the enforcement of violators of certain road traffic regulations. There are three main functions of the ticket, namely: ( Junef Muhar. 2014) As a summons to the District Court; As an introduction to pay fines to the Bank / Registrar; As a sign of confiscation of confiscated evidence in the form of a SIM, STNK or a Motorized Vehicle.

The increase in traffic violations is a new challenge for the Police to be able to implement sanctions that educate but still have a deterrent effect. One way to reduce violations is to carry out administrative sanctions (traffic tickets) carried out by the police. But what has happened so far is that the ticketing system is often distorted by civilian officers and police officers to compromise with each other so that their interests can be achieved without following applicable procedures, so that any violations committed by the public are only recorded in the ticket and infectious in the Traffic Administration division. sanctions are then carried out, and only reach the final record level, so that when there is a repeat of violations by the same person there is no significant increase in sanctions. The ticketing system should be managed properly so that in each implementation it produces a deterrent effect for the community of traffic violators. Then the information system of every violation by motorists on the highway must be able to be the basis for the enforcement of violations in the next stage, meaning that the information on violations committed by each person must always be identified by every police officer who commits a ticket. (Rahardian IB, Dian AK. 2011) The Law of the Republic of Indonesia Concerning Road Traffic and Transport Explains Information and Communication Systems Road Traffic and Transport is a collection of interconnected subsystems through the integration, processing, storage and distribution of data related to the operation of Traffic and Road Transportation.

E-ticketing CCTV system, and E-ticketing will replace manual ticketing systems that use blanks / ticket tickets, where motorists who violate will be recorded through

applications owned by police personnel. With the E-ticket, it is easy for people to pay fines through banks. However, not all people can follow the E-ticketing procedures provided by the police. Especially for ordinary people who do not understand about technology. E-ticketing system that is put in place gives attention to the community. With the E-ticketing system it gives a good impact for people who are familiar with technology. However, for people who are not familiar with technology, it is difficult to follow the development of this technology. Factors that are considered by the public are the use of the E-ticket system that is not well understood and widespread. The application of E-ticketing is not just a rumor because E-ticketing is an effort aimed at the community so that people adhere to traffic rules so as to create a culture of orderly traffic. (Supreme Court Regulation No. 12 of 2016).

## **2. Theoretical Framework and Hypothesis Development**

Law No. 22/2009 about Road Traffic and Transportation, Road traffic and transportation are a unified system consisting of traffic, road transport, road traffic and transport networks, road and road transport infrastructure, vehicles, drivers , road users, and their management. The Republic of Indonesia state police aims to realize domestic security which includes maintaining the security and public order in the order and enforcement of the law. The implementation of protection, protection and service to the community, as well as the maintenance of peace of society by upholding human rights as stipulated in Law No. 2 of 2002 concerning the Indonesian National Police.

compliance by motorized motorists is very important for the prevention of road accidents and traffic order. The interaction is a type of action that occurs when two or more objects affect or have an effect on each other. The idea of a two-way effect is important in the concept of interaction, as opposed to a one-way relationship to causation. The combination of simple interactions can lead to a surprising new phenomenon. In various fields of science, interaction has different meanings. Traffic police interaction using CCTV media in law enforcement is expected to provide recommendations and recommendations for improvements in the implementation and

Reconstruction of the Traffic and Road Transportation Law on CCTV based on E-Traffic in an effort to improve legal compliance for road users.

### **3. Research Method**

The research method used is empirical juridical, with primary and secondary data, and qualitative analysis presented descriptively. Using a statute approach, because this study rests on the provisions of the legislation regarding traffic and road transport. This study analyzes the implementation of traffic, especially about the implementation of E-ticket based CCTV that is applied in Indonesia.

### **4. Results and Discussion**

Traffic violations actually lie in the factors that might influence it. Someone who violates traffic rules, is not always a criminal. A driver who violates traffic is someone who is negligent in limiting the abuse of his rights. Installing the right sign to warn the driver that in front of a dangerous bend will prevent accidents. In addition, education for drivers is also a way to deal with traffic violators. Now the community has begun to realize the existence of a driving school. The driving school is an educational institution whose main purpose is to produce capable and skilled drivers in preventing traffic accidents. If not, it is very likely that accidents will result in loss of property or loss of life. (M. Karjadi, 1981).

Traffic police interaction with road users has an unconventional innovation that is the way the police issued a new action in controlling traffic called E-ticket (electronic ticket). E-ticketing is digitizing the ticketing process, by utilizing technology, it is hoped that the entire ticketing process will be more efficient and effective as well as assist the police in administrative management. It's not common knowledge if bribery practices during traffic operations often occur. That is the reason that underlies the Indonesian National Police implementing the E-ticketing system, a system which is believed to reduce the practice of extortion and bribery. This speeding process is assisted by installing CCTV (Closed Circuit Television) cameras at each red light to monitor road conditions. The development of crime or criminal acts in a society that is undergoing modernization includes problems related to the frequency of

crime, the quality of crime, and the possibility of new types of crime or crime. In response to this situation, solutions must be faced and resolved, one of them by using this information technology such as CCTV camera recordings. (Herman Dwi Surjono, 1996,) The results suggest that CCTV caused a modest (16%) but significant decrease in crime in experimental areas compared with control areas. (Brandon C.Wels, David P, 2009)

In Article 272 of the Traffic and Road Transportation Law, it is stated that in order to support violation enforcement activities in the field of Traffic and Road Transportation, electronic equipment can be used. The results of the use of electronic equipment can be used as evidence in court. What is meant by "electronic equipment" is an event recording device for storing information. Regarding what is written in Article 272 of the Traffic and Road Transportation Law, it is further regulated in Article 23 of PP 80/2012, which regulates that the enforcement of Traffic and Road Transportation Violations is based on the results of: Findings in the Motor Vehicle Inspection process on the Road; Report; and / or, electronic recording equipment.

Enforcement of Traffic and Road Transportation Violations based on electronic recordings, the Indonesian National Police Officer or Civil Servant Investigator in the field of Traffic and road transportation can issue a ticket. The ticket must be accompanied by evidence of the recording of electronic law enforcement tools. The speeding ticket is sent to the offender as a notification and summons to appear in court. In the event that a violator is unable to fulfill the summons to appear in court, the violator may deposit a fine through a bank appointed by the Government. (Government Regulation No. 80 of 2012 Article 28 paragraph 4 ) In the law enforcement process carried out by the traffic police there are still many complaints that are felt by the community related to the ticketing process. The manual elimination system currently has many obstacles in the field and has the potential to provide opportunities for irregularities or abuse of authority. (Fairuz Salsabila, 2018)

The application of the electronic ticketing system (E-ticketing) is to facilitate speed and ease, openness of the implementation of the ticketing system or as a substitute for the on-premises ticketing process. Especially in the police which is one

of the National Police's programs to go to the police that is professional, modern and trustworthy. The E-ticketing application program is considered capable of answering what has become the news in the electronic and social media about the deviant behavior of members of the National Police in carrying out illegal acts (extortion) against traffic offenders. The application of E-ticketing is an effective choice that achieves the target in implementing traffic tickets to traffic violators. However, not all people in Indonesia are technology literate. There are still many of them who do not know about the existence of the E-ticket so that the need for more intensive and equitable socialization to the community. It cannot be said that the E-ticket is effective because the application of E-ticket in Indonesia is still in the trial phase and from that trial an evaluation will be conducted to further improve the E-ticketing service.

([https://www.academia.edu/4532617/Sistem Informasi E-tilang](https://www.academia.edu/4532617/Sistem_Informasi_E-tilang)) However, the choice to implement E-ticketing will be very effective by utilizing advances in information and communication technology and good socialization with all lines of society.

Without using paper, all traffic violations are recorded by the digital system, thereby reducing paper costs as proof of violations. Violators of traffic rules do not need to go back and forth and stand in line to the court to solve the problem. Because they will be sent a digital notification by the system when the case will be heard. By utilizing technology, the entire ticketing process will be more efficient and also effective in helping the police in administrative management. Applications are categorized into two users, the first is the police and the second is the prosecutor's office. On the police side, the system will run on a tablet computer with the Android operating system while the prosecutor's system will run on a website, as an executor such as a manual trial process.

The E-ticketing system will replace the manual ticketing system that uses a blank / ticket, where the motorist who violates will be recorded through an application owned by police personnel. E-ticket has the advantage of faster service than conventional speeding tickets. The advantage is that this system is very practical and fast. The application of the electronic ticketing system (E-ticketing) is to facilitate speed and ease, openness of the implementation of the ticketing system or as a

substitute for the on-premises ticketing process. Especially in the police which is one of the National Police's programs to go to the police that is professional, modern and trustworthy. The E-ticketing application program is considered capable of answering what has become the news in the electronic and social media about the deviant behavior of members of the National Police in carrying out illegal acts (extortion) against traffic offenders. The application of E-ticketing is an effective choice that achieves the target in implementing traffic tickets to traffic violators although it cannot yet be said that Etilang is effective because the application of E-ticketing in Indonesia is still in the trial phase and from that trial an evaluation will be carried out for improvement the next E-ticket service.

Application of measures against traffic violators through the E-ticketing system with CCTV footage as evidence that E-ticketing is enforced to control the traffic. if in a conventional ticket the violator will be dismissed by the officer and given a ticket, but in E-Ticket there is a possibility that the offender does not know if the violation has been committed.(Teguh Tri Prasetya, 2019) The application of the electronic ticket system is to facilitate speed and ease from the Police, Court to the Prosecutor's Office. Based on Supreme Court Regulation No.12 of 2016 concerning Procedures for Settling Traffic Violations that in order to carry out the function of public services, the Court together with the Police and Prosecutors' Office is an institution that is given the mandate to organize the management of traffic violations cases. Settlement of cases in the Court is the settlement of cases of integrated electronic traffic violations through the support of information systems and technology. For the trial process conducted by the Court, previously the violator is required to be present in the trial process of the traffic violation case with the existence of this new system, the violator does not need to be present at the trial.

We can see the basic rules for ticketing through electronic or CCTV in Government Regulation No. 80 of 2012 concerning Procedures for Inspection of Motorized Vehicles on the Road and Enforcement of Traffic and Road Traffic Violations and of course we can see them in Law No. 22 of 2009 concerning Traffic and Road Transportation.

In the explanation of Article 272 of Law No. 22 of 2009 concerning Traffic and Road Transportation states that Electronic Equipment can be used.(ibid) In Article 251 the same Law states that the communication and information systems of traffic and road transportation can also be used in law enforcement matters such as investigations and investigations of traffic and road traffic crimes or other crimes, handling actions regarding violations, traffic jams and traffic accidents committed by the Police as well as deterrence, chasing, prosecution carried out by the perpetrators or carried out by people involved in crime or traffic violations. In Article 267 to take action, that is, every violation carried out in the field of traffic and road transportation which is examined according to a quick inspection can be subject to criminal fines based on court decisions. In the event a quick inspection can be carried out in the absence of a violator. (ibid) We can also know that in Law Number 19 Year 2016 concerning Amendment to Law No. 11 of 2008 About Information and Electronic Transactions (ITE) has set so clearly regarding Electronic Documents / Electronic Systems as a valid evidence that is in Article 1 Number 1 about Information and Electronic Transactions (ITE).

## **5. Conclusion, Implication and Limitation**

### *5.1. Conclusion*

E-ticketing is an effective choice that achieves the target in implementing traffic tickets to traffic violators although it cannot be said that the E-ticket is effective because the application of E-ticketing in Indonesia is still in the trial phase and from that trial an evaluation will be carried out for further improvement of E-ticketing services. However, not all people in Indonesia are technology literate. There are still many of them who do not know about the existence of the E-ticket so that the need for more intensive and even socialization of the community.

### *5.2. Implication and Limitation*

The government must socialize the public in traffic regulations, especially regarding CCTV based on E-ticketing, and the public must obey and obey the rules

that have been arranged especially in terms of orderly traffic on the road by implementing an online ticketing system or E-ticketing.

## **Reference**

Law No. 22 of 2009 About Road Traffic and Transportation

Law No. 11 of 2008 About Information and Electronic Transactions

Supreme Court Regulation No. 12 of 2016 concerning Procedures for Settling Traffic Violations Cases

Government Regulation No. 80 of 2012 about Procedures for Inspection of Motorized Vehicles on the Road and Enforcement of Traffic and Road Transportation Violations.

Brandon C.Wels, David P, Area CCTV and Crime Prevention: An Updated Systematic Review and Meta-Analysis, justice quarterly, Vol 26, 2009, issue 4 P. 716-745 <https://doi.org/10.1080/07418820802506206>

Fairuz Salsabila, 2018. Inovasi Program Elektronik Tilang (E-Tilang) Dalam Meningkatkan Pelayanan Publik Di Kepolisian Resort (Polres) Kediri, Publika, Vol 6 No 2 (2018).

Herman Dwi Surjono, 1996. *Pengembangan Pendidikan TI di Era Global*, Pendidikan Teknik Informatika FT UNY, Yogyakarta

Junef Muhar. 2014. Perilaku Masyarakat Terhadap Operasi Bukti Pelanggaran (Tilang) Dalam Berlalu Lintas E-Journal WIDYA Yustisia 52 Volume 1 Nomor 1 Juni 2014.

M. Karjadi, 1981. *Kejahatan Pelanggaran dan Kecelakaan*, Politeia, Bogor

Rahardian IB, Dian AK. 2011. Program Aplikasi Berbasis Wap Untuk Peningkatan Akuntabilitas Sistem Tilang Pelanggaran Tata Tertib Lalu Lintas Di Wilayah Polres Majalengka. *Jurnal Online ICT-STMIK IKMI* Vol 1 No. 1 Edisi Juli 2011.

Teguh Tri Prasetya, Juridical Analysis Of Application Of Action On Traffic Violations Through E-Tilang System With Cctv Records As Evidence Goods, *Daulat Hukum* Vol 2 No 2 2019, DOI: <http://dx.doi.org/10.30659/jdh.2.2.%25p>  
[https://www.academia.edu/4532617/Sistem\\_Informasi\\_E-tilang](https://www.academia.edu/4532617/Sistem_Informasi_E-tilang)