

ABSTRACT

**DESIGNING OF PERSONAL DATA PROTECTION CONTROL IN
SISTEM INFORMASI ADMINISTRASI KEPENDUDUKAN (SIAK)
APPLICATION ON THE PROCESS OF PROCESSING AND ANALYZING
AND DESTROYING PERSONAL DATA
(CASE STUDY : DISDUKCAPIL OF CIMAHI CITY)**

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In this digitalization era, the use of the information technology is rising up. With the increasing use of information technology that along with the population growth which produce personal data also increasing which means new cause problems that how the legal protection of the use and management of personal data and privacy. Personal data is any important information that relates to an identified or identifiable living individual. Therefore, Kementerian Komunikasi dan Informatika recently issued Permenkominfo Nomor 20 Tahun 2016 tentang Perlindungan Data Pribadi dalam Sistem Elektronik. But in some government in Indonesia, the regulation has not been implemented. As in Disdukcapil of Cimahi City, which has not implemented regulations regarding the protection of personal data Therefore the authors conducted a design of protection of personal data based on risk approach using ISO 31000 and use the ISO 27001 to control these risks. Hopefully, by the mapping regulation between Permenkominfo Nomor 20 Tahun 2016 tentang Perlindungan Data Pribadi dalam Sistem Elektronik which will produce a recommendation in the form of policies, standard operation and work instruction. Disdukcapil Cimahi City can make the implementation of regulations related to the protection of personal data more effectively and efficiently.

Key words : Personal Data, Personal Data Protection, ISO 31000, ISO 27001