

# Study on the Mechanism of the Risk of Internet Privacy Disclosure on the Satisfaction of Residents' Smart Device Products in Urban Reconstruction —— Taking Chengdu Community as an Example

Liang Chen<sup>1,2</sup>

1. North Bangkok University, Bangkok 10220, Thailand.

2. Guangxi Mechanical and Electrical Vocational and Technical College, Guangxi 530001, China.

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**Abstract:** According to a survey by the Ministry of Housing and Urban-Rural Development, by the end of 2000 old residential areas were about 220,000, involving nearly 39 million households and covering an area of about 4 billion square meters. How to transform the old residential area has become one of the concerns of the residents. In the guidance, the reconstruction of old urban residential areas can be divided into three categories: basic, improvement and promotion. The basic category is to meet the contents of the residents' safety needs and basic living needs of life; the improvement category is to meet the residents' living convenience needs and improvement life needs; and the improvement category is to enrich the community service supply, improving the living quality of the residents, and actively promoting the actual conditions of the community and the surrounding areas.

**Keywords:** Urban Old Reconstruction; Internet Privacy Disclosure Risk; Product Satisfaction

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## 1. Background and problem statement

With the development of The Times and the improvement of people's quality of life, urban modernization is the trend of The Times. The old residential areas are used for a long time, most of which are the living areas of state-owned enterprises. Because the construction industry in the past is not as developed as the present, the construction technology is relatively backward, and at the same time, the overall urban planning and construction is not taken into account, which causes the defects in the layout, supporting facilities, property management and other aspects of such community. Residents in the old residential area are faced with inconvenience and low living environment in their daily life, which restricts the improvement of people's happiness and is not conducive to the construction of a beautiful city image. As far as the current situation is concerned, the transformation of old urban communities is imminent, and it is the inevitable demand of the construction of modern society.

## 2. Research objectives

Analyze the economic impact of residents' product satisfaction on smart devices under the risk of Internet privacy disclosure in the old urban reconstruction.

Explore the influence mechanism between several groups of factors.

Formulate targeted optimization suggestions on the risk of Internet privacy disclosure on the satisfaction of residents' smart device products in the old urban reconstruction, and provide highly reference suggestions for the improvement of personal information disclosure willingness in the reconstruction of the urban old residential areas.

### 3. Research significance

#### 3.1 Significance and value

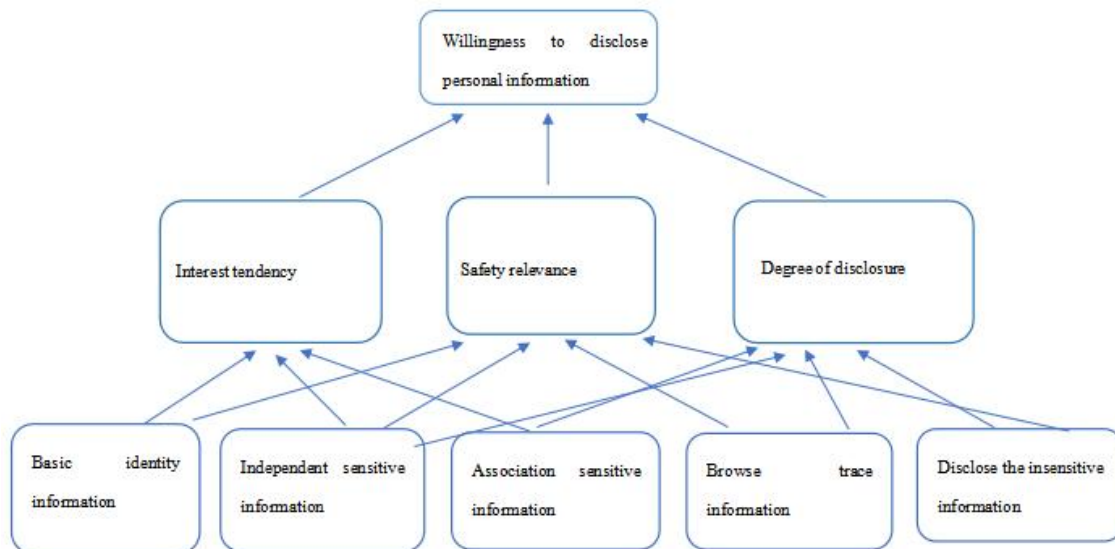
In terms of the theoretical value. This study on the basis of the classical literature at home and abroad, combining with the risk management theory and perceived value theory, explore the old urban Internet privacy disclosure risk of the residents of intelligent equipment product satisfaction mechanism, build a can fully reveal the old city in the Internet privacy disclosure risk of residents of intelligent equipment product satisfaction mechanism model, help to enrich risk management theory, information security risk management theory, perceived value theory related literature, enrich and enrich the existing risk management theory, information security risk management theory, perceived value theory.

In terms of real value. This study has clarified the influence mechanism of the risk of Internet privacy disclosure on the product satisfaction of residents' smart devices in the old urban reconstruction, so that the urban old reconstruction can adopt corresponding information security and privacy protection strategies according to the impact mechanism of Internet privacy disclosure risk to improve the willingness of personal information disclosure. It will also contribute to the improvement of the willingness of personal information disclosure, and help the government and enterprises in the smooth implementation of the process of the reconstruction of old urban residential areas.

#### 3.2 Regional demographic characteristics of the study

The population sample studied in this paper is from Chengdu city, mainly with consumers in Chengdu city. The scope of sample collection is limited to Chengdu city, and the factors affecting the risk of Internet privacy disclosure on the satisfaction of residents' smart device products in the old urban reconstruction are investigated.

### 4. The conceptual framework of the study



### 5. Theoretical basis

From the perspective of risk management, Wang Caihua, Jiang Wenwen, Wang Caihua, and Zhang Wenbo (2017) analyzed the information disclosure of Internet financial financiers involving the protection of the interests of investors and the control of investment risks, and believed that the interests of investors are significantly and positively related to the tendency of personal information disclosure. Li Wanting (2021) analyzed the current situation of accounting information disclosure of Internet listed companies, sorted out the problems such as the difficulty of online disclosure security of Internet listed companies, and believed that

the security of relevant information was significantly and positively correlated to information disclosure. At the same time, according to the relevance, corresponding improvement countermeasures were proposed. Qiu Lina (2022) Based on the financial data of Shanghai and Shenzhen A-share non-financial listed enterprises from 2012 to 2019, testing the degree of Internet information disclosure will significantly inhibit the tax avoidance behavior of enterprises and reduce their willingness to disclose information.

## 6. Related studies

Louis Brandeis and Samuel Warren (1890) of Harvard Law School started the study of privacy with the article "Privacy". Since then, scholars have begun to pay more and more attention to the protection of personal privacy. Scholars Edward Cavazzo and Garfino Morin (2011) conducted a relatively complete study on the Electronic Communications Act and electronic communication privacy and related infringement lawsuits in Cyberspace and Law: Rights and Obligations of Online Life. At present, two protection modes: one is the industry self-discipline leading protection mode, represented by the United States through the industry self-discipline policy based on free competition rather than the government legislation; the second is the network privacy protection mode with strict legislation, with the EU as the typical, the EU takes legal regulation as the first choice of network privacy protection.

## 7. Conclusion

With the continuous awakening of civic consciousness in the process of socialist democracy and the increasing improvement of people's living standards, the transformation needs of the owners of the old communities present different levels, different aspects and different forms. The interest tendency of the community owners should be focused on. In the process of transformation, it is necessary to establish channels for the expression of owners' interests, stimulate owners' enthusiasm to participate in Internet privacy disclosure, and effectively develop economic and social development.

With the continuous development of the Internet era, consumers have an increasing demand for personal privacy protection in the network environment. We need to establish and improve relevant laws to regulate the new problems and new demands arising from the new era, so as to provide a secure network environment for consumers.

The right of network privacy is a kind of personality right that citizens enjoy in their personal cyberspace and personal network information from illegal interruption, collection, use and dissemination. The controller of personal information can only use the citizens' personal information within the scope permitted by law or with the consent of the parties concerned, and the use of the personal information shall not damage the legitimate rights and interests of the third party. The controller of personal information should take reasonable measures to ensure the security of personal information, and timely inform the individual when the personal information is at the risk of theft or leakage. In order to protect national security and public interests, citizens' online privacy rights will be reasonably restricted under legal circumstances. Therefore, the Internet privacy disclosure should comply with the relevant procedures to effectively control the degree of disclosure.

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