CLOUD SYSTEM FOR ELECTRONIC RECEIPT MANAGEMENT

(P) PATENTED TECHNOLOGY

(LEX) EXCLUSIVE LICENSED

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ABSTRACT

The industrial computer network research group (I2RC) from the University of Alicante has developed a Cloud system for automatic generation and management of receipts. The system can easily be integrated into the points of sale of the company and allows scanning, storing and transmitting receipts between devices and the cloud according to the safety standards of digital signature and payment. With this technology, it is not necessary print receipts. The management of the receipts from sales may be made ubiquitously over the Internet, both by customers and by the firms. In addition, the system allows the implementation of applications and analysis tools that improve competitiveness and create opportunities for exploitation and commercial development.

Companies interested in commercial exploiting of this technology and in developing business projects based on the know-how of the research group are sought.

ADVANTAGES AND INNOVATIVE ASPECTS

The proposed system has the following innovative features:

• The system allows storage, maintenance and electronic availability receipts in the cloud for each user and firm, enabling ubiquitous access from any Internet-connected device.

• The system improves the current management receipt systems due to its easy integration into the point of sale without interfering with normal operation. The system is installed complementary to those already present in the company.

• The storing and managing processes of receipts are moved to the cloud allowing access through web applications and other Internet services. The system is based on an open architecture which allows expansion through third-party solutions.

• The system allows users access value-added applications such as accounting tools, personal finance, warranty management, etc.

• The system allows commercial firms have structured sales data on which applied information analysis or big-data techniques for design marketing strategies.

• The system ensures confidentiality and reliability of receipt information using high-level security such as electronic signatures and PCI protocols.

MARKET APPLICATIONS

Preferably the system can work in the following industry sectors without prejudice to its extension to other fields of application:

• Information technology providers.

• Internet service providers.

- Cloud computing Infrastructure and service providers.

- Commercial sector industry.

- Marketing and market analysis.

Companies interested in acquiring this technology for use, adaptation or commercial exploitation are sought. Possible technology transfer agreements are:

- License agreements in order to use, manufacture or marketing the technology.

- Research and Development (R&D) project for technical cooperation in order to adapt and implement the technology to company applications.

- Subcontracting project for technical assistance and training in order to adapt or deploy the technology into the company customer environments.