

Project title: Store Logistics and Payment with NFC**Start date** : 01.07.2006**End date** : 30.06.2009**Duration** : 36**# of Partners** : 16**Submitted by** : András Vilmos**Company** : Motorola**Phone** : +361-212-4321**Email** : vilmos@stolpan.com**Address** : Lajos u.48-66H-1036 Budapest
HUNGARY**Partners (Industrial, SME, Institutes):**

Multinational companies and SMEs from different sectors. => Motorola, NXP Semiconductors, Auto-ID-Lab St. Gallen, Banca Popolare di Vicenza, Bull, Baker&McKenzie, Consorzio Triveneto S.P.A., Consult Hyperion, Deloitte, Fornax, Libri, Safepay Systems, Sun Microsystems, T-Systems, the Budapest University of Technology and Economics, and Budapest Tech John von Neumann Faculty of Informatics

Project objectives:

Store Logistics and Payment with NFC (StoLPaN) is a pan-European consortium supported by the European Commission's IST program. StoLPaN will examine the potential for bringing together the new kind of local wireless interface, Near Field Communication (NFC) and mobile communication. The project is expected to define the Business Rules and Technical Specifications required for the successful commercial deployment and operation of third party applications in the Secure Chip in an NFC-enabled mobile device. The project will establish a smart retail environment including support devices and business processes to demonstrate the new solutions.

Project description:

The StoLPaN project intends to turn NFC (Near Field Communication) enabled mobile handsets into multifunction terminals with bi-directional interaction between the wireless NFC interface and mobile communication channels. It will show the use of this generally applicable new technology in the retail logistical value chain, and also in mobile payment, ticketing and other use cases. Mobile NFC services are developed based on their existing contact less use cases and also on the available infrastructure. In addition, their features are enhanced through the functional capabilities of the mobile handsets and the remote application management potential.

Field of Application:

Near Field Communication for Ticketing, access control or payment processes.