

## **Mobile Payment Procedures: Scope and Characteristics**

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### **ABSTRACT**

The existence of standardized and widely-accepted mobile payment procedures is crucial for successful business-to-customer mobile commerce. Customers' acceptance of mobile payment (MP) procedures mainly depends on the issues of cost, security, and convenience. In particular, it is important that a procedure can be used over a variety of payment scenarios such as *mobile commerce*, *electronic commerce*, *stationary merchant*, and *customer-to-customer*. Current payment procedures can be categorized by using *strategic*, *participation* and *operational* criteria, based on the morphological method. The scheme we propose allows us to unambiguously identify and characterize any given mobile payment procedure. The proposed scheme allows three basic types of applications: merchants and customers can analyze and represent their preferences for MP procedures in a structured way, (prospective) mobile payment service providers may analyze their market expectations and develop MP procedures according to these, and different market participants may use it as a basis for standardization.

**Keywords:** mobile payment, mobile commerce, payment scenarios, mobile added value, standardization.