



## **ACADEMIC YEAR 2012 – 2013**

### **TITLE OF DIPLOMA THESIS:**

The implementation of the smart ticketing system in Thessaloniki

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### **ABSTRACT**

It is an undoubted fact that public transport, comprises a fundamental pillar in any contemporary society, in order to attain the goal of ameliorating people's quality of life. Numerous advantages emerge from their use, both for the public transport authorities and the citizens as well. Public transport in the city of Thessaloniki constitutes an interesting case study, as they are about to change radically in the upcoming years due to the subway which is under construction and other means of transport which are being planned. Thus, the implementation of new technologies in the ticketing system is indicated for many reasons. In the next chapters of this thesis, we present the basic facts regarding public transport in Thessaloniki and then we describe the smart ticketing systems. Afterwards, we examine the impact of the procurement type on the project's outcome and then, we present the alternative procurement types regarding Thessaloniki's smart ticketing system. Particularly, we examine the cases of public supply contract, of Public Private Partnership and then we analyze innovation, in general, and the role pre-commercial procurement can play in fostering innovation. Then, we examine the possibility of implementation of a pre-commercial procurement in Thessaloniki's ticketing system.

### **KEYWORDS**

smart ticketing system, supply contract, public-private partnership, innovation, pre-commercial procurement