**1. Introduction**

**1.1. Purpose**

The purpose of this document is to give more technical details about TrackMe application system. While the RASD presented a general view of the system and what functions the system is supposed to execute, this document aims to present the implementation of the system including components, run-time processes, deployment and algorithm design. It also presents in more details the implementation and integration plan, as well as the testing plan.

This document is addressed to developers and aims to identify:

* The high-level architecture
* The main components and their interfaces
* Deployment view
* The design patterns
* The runtime behavior
* The algorithm design of the most critical parts of the application
* Implementation plan
* Integration and testing Plan