**Deployment and Maintenance**

**Deployment**

After the completion of this project, the software is not only intended to be published, but also to be easy, efficient and functional for the users. Several steps were taken to achieve this goal:

**User Guides:**

a simple, clear, user-friendly user guide about the interface and functionalities of the mobile app will be developed. This user guide will explain basic functions such as device pairing, error code display and tracking maintenance dates.

**Education Support:**

It is aimed to adapt the software faster with short trainings to the technical support staff in the field where the software will be used and to have at least an idea about the software as a whole, if not as much as the developer.

**On-Site Support :**

On-site support was provided for the synchronized operation of both software and hardware during the device installation process.

**Maintenance**

It is designed to ensure that the system can be easily adapted to new software during the maintenance process without interruption in the long term. Maintenance has several critical points:

**Updates and Bug Fixes:**

Regular software updates will be released for new hardware types or bugs encountered in the system. Patches will be applied for minor bugs and version upgrades for critical bugs.

**User Support:**

Online support channels (e-mail, help desk) will be provided for people using the software. A frequently asked questions (FAQ) section will be prepared to provide quick solutions to the problems encountered.

**Long-term Adaptation and Development**

**addition of new features:**

Improvements and additions can be made for the sections that are missing or the way of working is old and slow in line with the feedback or requests from the users.

**Hardware Compatibility Updates:**

As the production versions of the devices used change, the software will be updated to adapt to these new devices.

**Backup and Data Security:**

User data will be backed up periodically and stored on secure servers.

As a result, all processes after the rollout of the software are designed to increase system sustainability, security and user satisfaction. This maintenance and dissemination process will ensure that the software becomes a long-lasting and efficient product.