

Figure 1 – Screenshot of the interactive database developed in Excel.

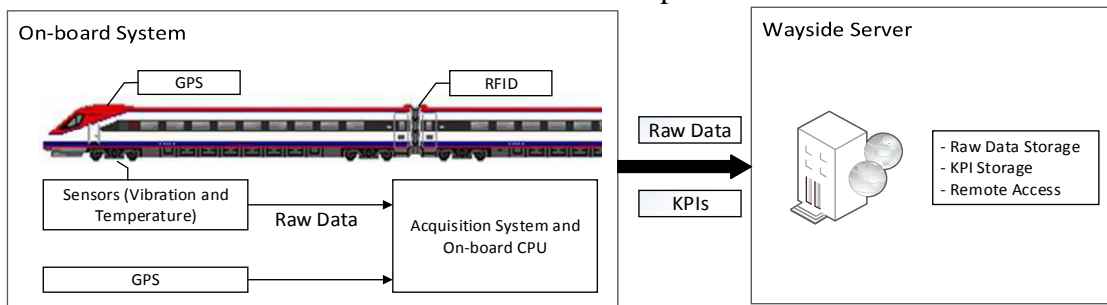


Figure 1 - General overview of the on-board monitoring system in Alfa-Pendular train (CPA4000)

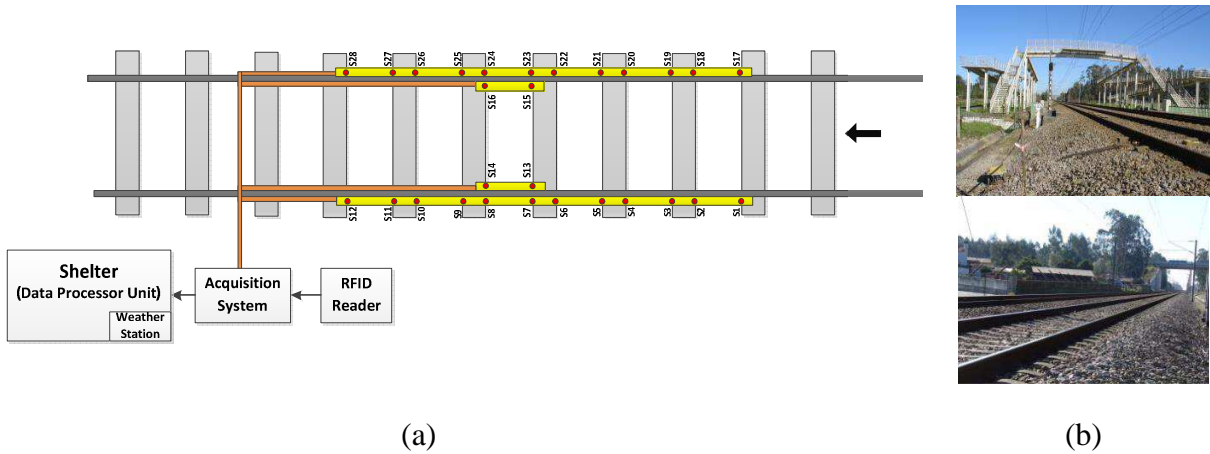


Figure 2 - Wayside system: (a) installation scheme; (b) location of Estarreja test site



Figure 3 - Wayside system in Portugal: data processor unit and system installation in the track

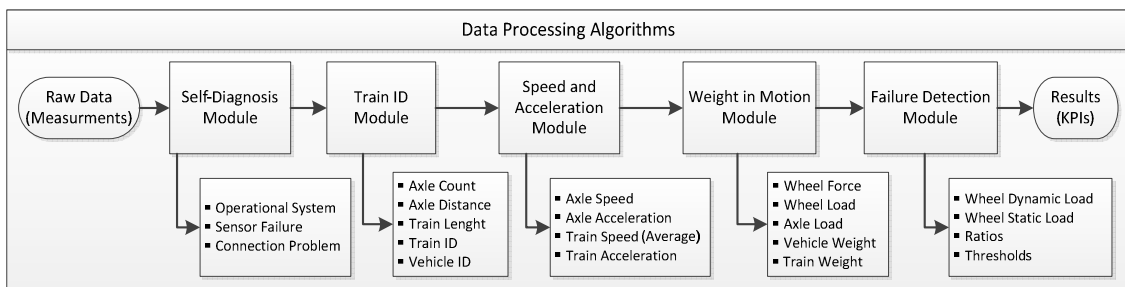


Figure 4 - Data processing algorithms



Figure 5- Wayside axle bearing monitoring system for Light Rail Vehicle

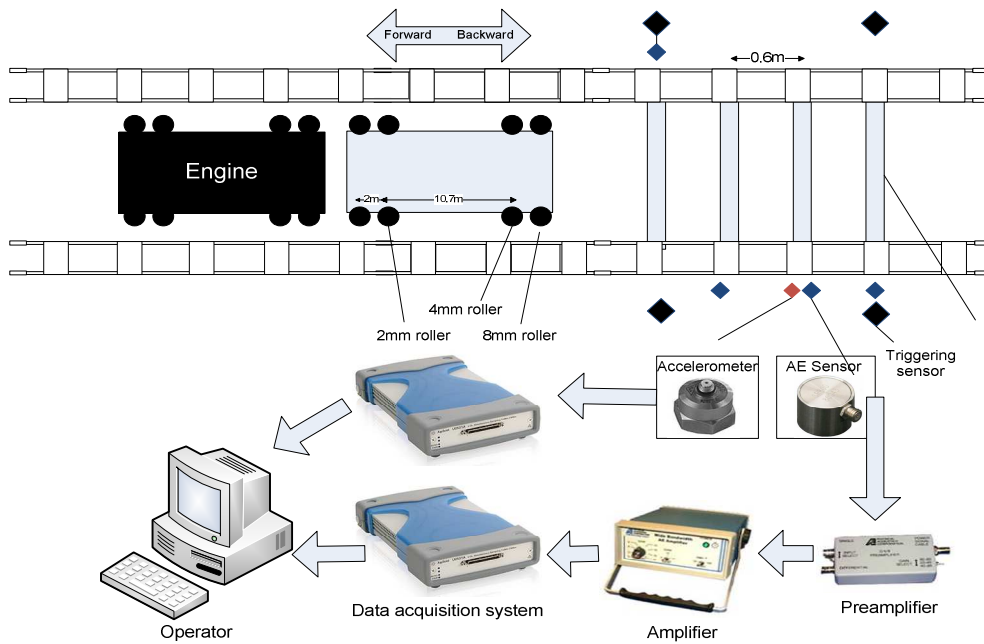


Figure 7 - Simplified outline of the wayside installation configuration



Figure 8 - The Long Marston testing configuration. The yellow locomotive pulling the test freight wagon can be seen in the back

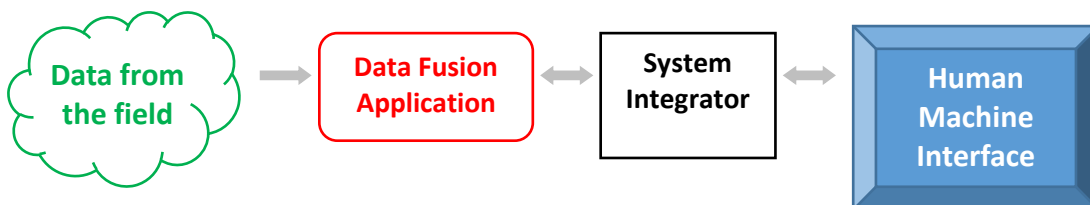


Figure 9 - MAXBE Integration Platform – architecture



Figure 10 - Example of HMI

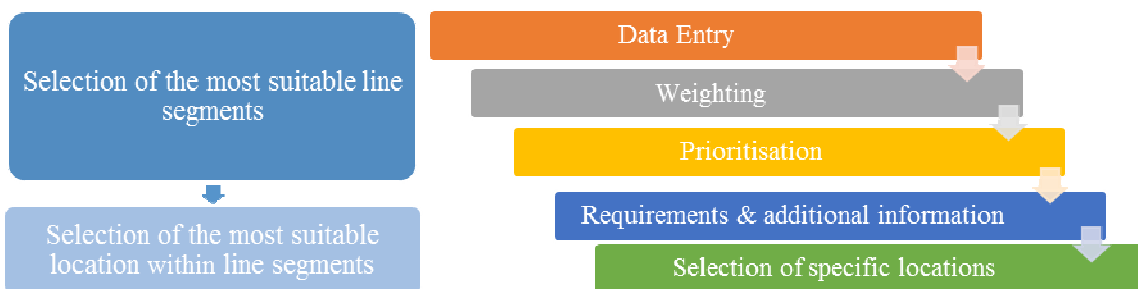


Figure 11 - Methodology of the software tool.