

# **A STUDY AND IMPLEMENTATION OF A REAL TIME AIRCRAFT ENGINE INDICATOR CRUEL ALERT SYSTEM (AEICAS)**

Prepared by: Lingesvaran Palanisamy

## **ABSTRACT**

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An aircraft system is one of the most sophisticated systems used due to its high interest of safety. This particular system focuses on the development and design of monitoring the aircraft status while it is flying and its crew details. It has the full control over the aircraft and its crew. Furthermore, this system is enhanced with the technology of artificial intelligence. The backbone of the system runs on a full performance client server technology. To make it easier for the crew, information regarding flying hours and next assigned location can be assessed globally, which is by using a cellular phone incorporated with general packet radio services (GPRS) and wireless application protocol (WAP) technology and an online system runs through internet and as well as intranet.