



Misleading Communication VS. Effective Aviation Management

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ABSTRACT

In this paper some of the important problems and issues such as human and communication errors in safety and civil aviation management are presented. The problems arise from misleading information from different sources. To avoid the above problems, a centralization of the information is proposed here. To centralize the information for Air Traffic Management (ATM), a mining data routing system called SCADA (Supervisory Control and Data Acquisition) system is suggested in this study. The utilization of SCADA system will help to capture air traffic information and aircraft data via satellite technology and transfer it to data mining center and then to central organization. The stored digital data will exchange the information between different organizations and will be used by management systems. The stored reliable information helps to make an appropriate decision in the Air Traffic Management system.

KEYWORDS

Communication Errors, Civil Aviation, Civil Aviation Management, SCADA System

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