Overview

CYBER SECURITY

Almost every facet of business within the global aviation industry connects through technology, ranging from basic email systems to sophisticated on-board aircraft computer technology. The aviation industry is constantly looking to improve both the flow of data and increase operational efficiency through the introduction of new and updated computer systems, and their integration to optimise the management of their networks. The number of software systems, connectivity and data entry points is constantly increasing, with systems and processes becoming more convenient, efficient and integrated. Therefore, they are becoming increasingly vulnerable to the threat of a cyber attack.

The global cyber attack on 12 May 2017 illustrated well the widespread disruption caused by such an event. For airlines to improve identification of the various cyber threats and ultimately to help in risk assessment and threat mitigation development, the reporting, sharing and understanding of such information is essential.