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Asia Pacific Crew Management System Market Forecast to 2030 – Regional Analysis – by Component (Software and Services), Deployment (On-Cloud and Server-Based), Airline Type (Passenger Airlines and Cargo & Defense Airlines), and Application (Crew Operations and Crew Training)

https://marketpublishers.com/r/A90ADCA464B8EN.html
Date: January 2024
Pages: 90
Price: US$ 3,550.00 (Single User License)
ID: A90ADCA464B8EN

Abstracts

The Asia Pacific crew management system market was valued at US$ 333.21 million in 2022 and is expected to reach US$ 727.51 million by 2030; it is estimated to grow at a CAGR of 10.3% from 2022 to 2030.

Shortage of Skilled and Experienced Candidates in Aviation Industry Fuels the Asia Pacific Crew Management System Market

With a shortage of skilled staff, airlines and aviation companies need to optimize the utilization of their existing workforces. Crew management systems can help them schedule and manage crew members more efficiently, ensuring that available staff is utilized to their fullest potential. Crew management systems can automate various tasks related to crew scheduling, training, and compliance management, streamlining processes, and reducing the burden on employees, enabling them to focus on more critical tasks. By conferring better work–life balance, efficient scheduling, and clear communication channels, crew management systems can contribute to improved crew satisfaction and retention rates. This, in turn, helps airlines maintain a stable and experienced workforce despite the shortage. Further, crew management systems can identify skill gaps and training needs within the existing workforce. Airlines can upskill their staff and adapt to changing operational requirements by efficiently allocating training resources. As the aviation industry faces a workforce shortage, adopting

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advanced management technologies can demonstrate enterprises' commitment to modernization and employee welfare. Therefore, the shortage of skilled aviation staff encourages aviation companies to invest in crew management systems to optimize their workforce, enhance operational efficiency, and stay competitive in a challenging marketplace. Moreover, smart management of crews using these systems, which considers crew preferences and work–life balance, can lead to higher employee satisfaction and retention rates. Happy and well-managed crews are more likely to provide excellent customer service and contribute to the airline's overall success.

Asia Pacific Crew Management System Market Overview

Asia Pacific (APAC) comprises dynamic economies that cumulatively generate 35% of the global GDP. The aviation industry in the region is a pivotal contributor to its socioeconomic development. Governments of different countries propel the adoption of crew management systems in airline operations. According to the Association of Asia Pacific Airlines (AAPA), during the Q1, Q2, and Q3 of 2022, airlines IN APAC countries registered a five-fold increase in the number of international passengers carried compared to the same period in 2021. Airlines in APAC need to efficiently manage their crew resources to control costs and maintain a competitive edge. Crew management systems help analyze historical data, track crew availability, optimize crew utilization, and minimize unnecessary expenses.

Asia Pacific Crew Management System Market Revenue and Forecast to 2030 (US$ Mn)

Asia Pacific Crew Management System Market Segmentation

The Asia Pacific crew management system market is segmented into component, deployment, airline type, application, and country.

Based on component, the Asia Pacific crew management system market is bifurcated into software and services. The software segment held a larger market share in 2022.

Based on deployment, the Asia Pacific crew management system market is divided into on-cloud and server-based. The server-based segment held a larger market share in 2022.

Based on airline type, the Asia Pacific crew management system market is bifurcated into passenger airlines and cargo & defense airlines. The passenger airlines segment

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held a larger market share in 2022.

Based on application, the Asia Pacific crew management system market is segmented into crew operations and crew training. The crew operations segment held a larger market share in 2022.

Based on country, the Asia Pacific crew management system market is segmented into Australia, China, India, Japan, South Korea, and the Rest of Asia Pacific. China dominated the Asia Pacific crew management system market share in 2022.

Airbus SE, CAE Inc, Hitit Computer Services Ltd Co, IBS Software Pvt Ltd, Laminaar Aviation Infotech Pte Ltd, and The Boeing Co are some of the leading companies operating in the Asia Pacific crew management system market.

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