

# **North America 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)**

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## **Abstracts**

The North America crew management system market was valued at US\$ 319.09 million in 2022 and is expected to reach US\$ 629.57 million by 2030; it is estimated to grow at a CAGR of 8.9% from 2022 to 2030.

### **Mandate of Compliance with Regulatory Standards Fuels the North America Crew Management System Market**

The top priority of airlines and other air transportation companies is to ensure the compliance with their operating regulations. Crew scheduling is a crucial part of the regulatory compliance process owing to complex rules and regulations in place to govern crew members' flight time, rest limits, and duty. Crew scheduling software plays a critical role in ensuring compliance with these laws, thereby reducing the risk of violations and associated penalties. The need for compliance with regulatory specifications such as Flight and Duty Time Limitations (FTL), training schedules, and qualification criteria drives the use of crew management systems. Crew management systems help manage crew scheduling, certification tracking, rest hour compliance, and other crucial aspects, leading to increased efficiency, reduced risks, and improved operational performance. As aerospace authorities in different countries continuously update regulations, the demand for sophisticated crew management systems that can adapt to and ensure compliance with updates is growing. Therefore, airlines and

transportation companies can reduce the risk of violations and associated penalties by investing in crew management systems.

## North America Crew Management System Market Overview

The North America crew management system market is segmented into the US, Canada, and Mexico. North America is a prime contributor to the growth of the global airline industry. Although the airline industry in the region is expected to experience a drop in its profitability in the coming years due to persistent cost pressure, it would also continue to generate relatively high profits in the coming years due to a continuous rise in air traffic across the world. North America reported a 51.6% increase in air traffic in March 2023 compared to 2022. The capacity of carrying passengers surged by 34.0% during the mentioned period, which can be attributed to its focus on adopting crew management solutions in airline operations.

## North America Crew Management System Market Revenue and Forecast to 2030 (US\$ Mn)

### North America Crew Management System Market Segmentation

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

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

Based on deployment, the North America 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 North America crew management system market is bifurcated into passenger airlines and cargo & defense airlines. The passenger airlines segment held a larger market share in 2022.

Based on application, the North America 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 North America crew management system market is segmented into the US, Canada, and Mexico. The US dominated the North America crew management system market share in 2022.

AIMS INTL DWC LLC, Airbus SE, ARCOS LLC, CAE Inc, IBS Software Pvt Ltd, Laminaar Aviation Infotech Pte Ltd, and The Boeing Co are some of the leading companies operating in the North America crew management system market.

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