

Integration of Wearable Health Devices with EHR System



Challenges Faced

A healthcare organization aimed to leverage data from wearable health devices to enhance patient monitoring and outcomes. However, the lack of integration between wearable devices and the Electronic Health Record (EHR) system resulted in manual data entry, leading to delays and potential errors in patient health tracking.



Solutions Offered

The healthcare organization implemented an Integration Solution to connect wearable health devices with the EHR system. This involved developing interfaces to transfer data from wearables to the EHR seamlessly in real-time. The solution aimed to automate the tracking of patient vitals, activities, and health metrics.



Implementation Details

APIs for Wearable Integration

Developed APIs to enable communication and data exchange between wearable health devices and the EHR system.

Real-Time Data Transfer

Implemented real-time data transfer to ensure timely updates of patient health metrics.

Patient Engagement Programs

Introduced programs to educate and engage patients in using wearable devices for health tracking.

Business Benefits

90% Reduction in Manual Data Entry

Integration eliminated the need for manual data entry, reducing errors and saving significant staff time.

Improved Patient Monitoring

Real-time tracking of health metrics resulted in a **40%** improvement in patient monitoring.

Enhanced Preventive Care

The integrated solution contributed to a **20%** increase in preventive care initiatives.

Takeaways

The Integration Solution successfully integrated wearable health devices into the patient care ecosystem, improving data accuracy and patient monitoring and supporting preventive care initiatives within the healthcare organization.