

Watch control system

Scheme introduction:

This scheme for Beijing Dorland System Control Technology Co., LTD to undertake production by CNOOC Tianjin Chemical Research And Design Institute Co., LTD., the main content for the explosive dangerous sites use Intrinsically safe intelligent watches, by sleeping watch analysis, analysis of heart rate detection and step meter functions such as help employees' health, and the inspection route inspection point, Employees can clock in using the NFC function to ensure that each site has inspection records. With the combination of Intrinsically safe smart watch and inspection system, the inspection quality can be improved, and the data can be inquired, traced and displayed intelligently. The overall scheme has been successfully implemented.

Background:

In this solution, inspection personnel wear smart wearable devices (watches) in hazardous environments and scan inspection labels at key locations and monitoring areas in critical paths to determine inspection work. Inspection personnel can start the inspection at any point in the inspection route until the inspection at the last point is completed to improve inspection efficiency. The inspection records and data are uploaded back to the server for follow-up tracing management, such as whether a point has been inspected and the number of times.

By cooperating with the sleep analysis, heart rate monitoring and step counting functions of the watch, it helps to analyze the health status of employees, analyze the overall health data of all members of the platform, provide reference basis for the safety and production of the platform, and provide feasible reference data basis for individual positions, personnel, scheduling and post adjustment.



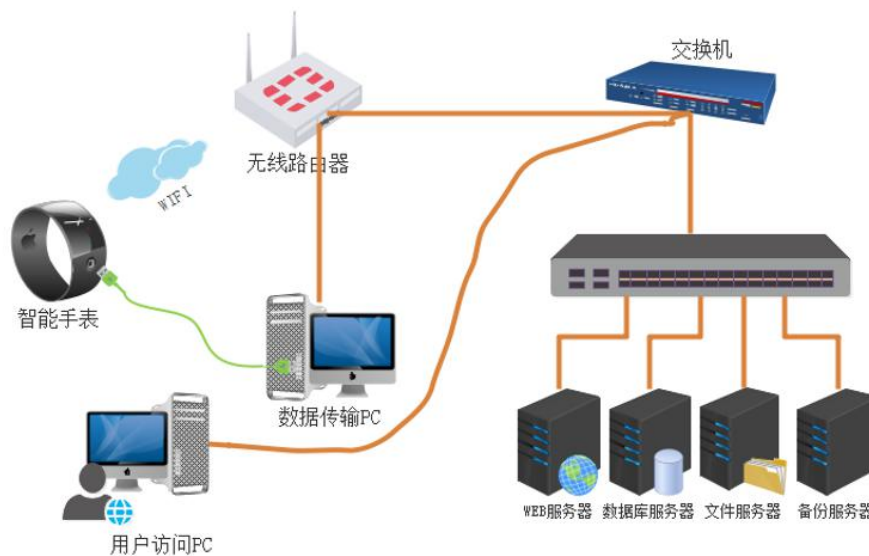
Solution:

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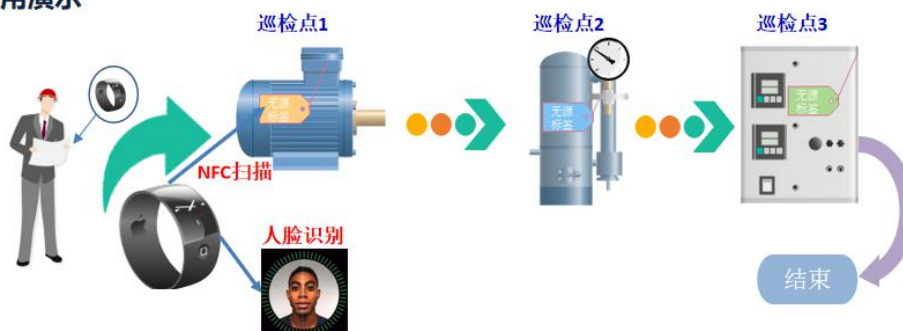
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系统网络图



系统应用演示



Final result:

By executing this method, can record inspection information, such as various patrol point whether someone check, whether there is a leak, etc., if there is a special case such as leak and overtime, and so on and so forth can be recorded, so that the record

query, and through the inspection point location choice, in practical application scenario Settings, can be installed in the inspection of the key position on the line, It can avoid missing key positions and improve the overall inspection quality. At the same time, by uploading, sorting and analyzing the health information of employees, it can observe and analyze the physical conditions of individuals and the whole staff in real time, give personal health suggestions, and make timely adjustments, such as post rotation, post transfer and shift scheduling, to escort the safe production of enterprises.