

5G Private Network : Doubling the Efficiency of Factory Production Lines

5G AIoT Smart Manufacturing Cross - Field Application

As factory production lines face growingly diverse needs, the application of 5G AIoT in factory production lines has created smart warehousing across domains and optimized the efficiency of multiple processes, from material tracking and management to machinery and equipment maintenance and operation. This is evidence that production capacity can be doubled with limited manpower.

Project Results

#Significantly Reduced Labor Costs | AMRs automatically move materials and finished products in the warehouse and between production lines, reducing labor costs and lowering the error rate.

#Lowered the Equipment Failure Rate | The introduction of the AR smart glasses system situation room has reduced the time required by the central control room for monitoring. In addition, remote assistance from experts has decreased the time to fix production line failures.

