

# 5G O-RAN: More Flexible Production Lines

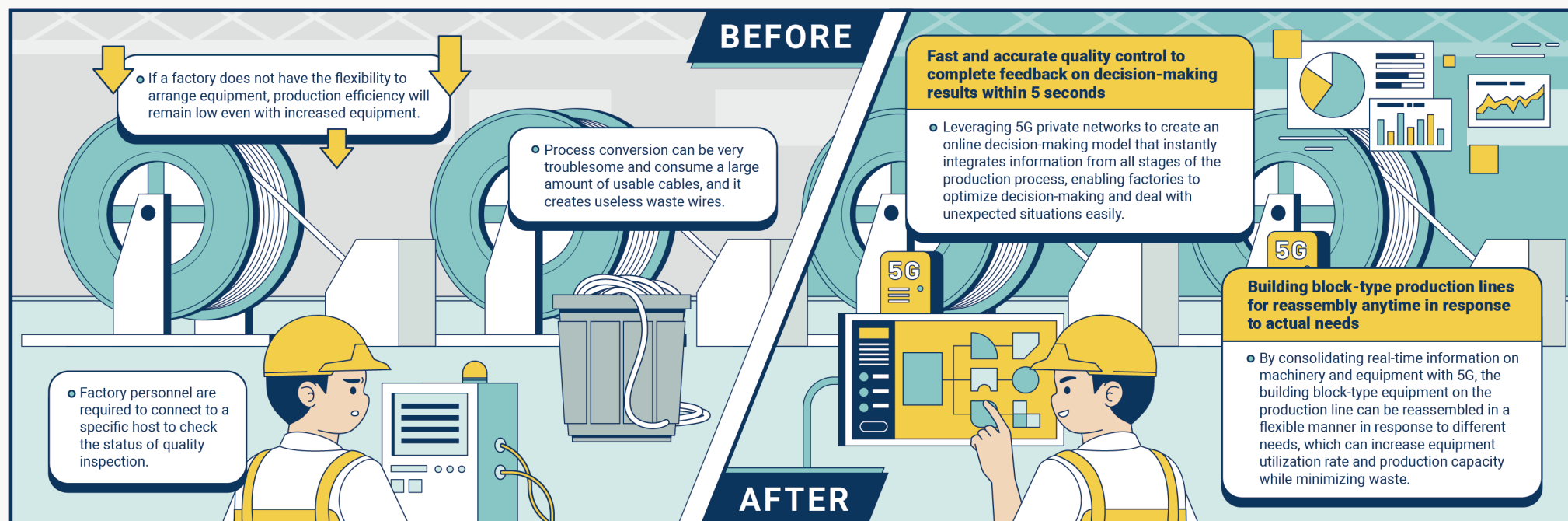
## Smart Wire and Cable Factory 5G Private Network Flexible Production Turnkey Factory Solution

Traditional production lines of factories lack systematic integration even with a large amount of production and quality control data. A 5G private network integrated with AIOT technology can help create building block-type, flexible and smart production lines, enabling production lines to meet the demands of high customization.

### Project Results

**#Significant Increase in Production Capacity** | A 6.6 times increase in machinery and equipment utilization and a 15% decrease in process conversion costs compared to that prior to improvement.

**#Replicable Successful Experiences** | Driving other cable factories in Taiwan to comprehensively introduce smart factory equipment, and attracting relevant industries to jointly expand the export sales market.



**Key Technology**

# 5G O-RAN

# Building Block-Type and Flexible Production Lines

# Online Decision-Making Model

**Technology Unit**

PIONEER MACHINERY CO., LTD.

**Domestic Trial and Promotion Site**

Tainan city