

Case Study



Manufacturing

4WS

The Challenge

- Manual operations required higher efficiency and accuracy
- Limited warehouse capacity restricted growth
- Needed stable, real-time information flow without halting production



Geek+ Solution

Four-Way Shuttle System

- A high-density automated storage solution that boosts throughput, supports dynamic inventory movement, and integrates seamlessly with manufacturing processes.

Geek+ Impact

- Significantly increased warehouse utilization
- Higher operational efficiency across storage and retrieval
- Safe and reliable human-machine collaboration
- Full information transparency throughout the manufacturing workflow

About Customer

Tica, founded in 1991, is a global leader in intelligent environmental systems and green energy solutions. With over 30 years of innovation, Tica's products lead China's market and are used in major national projects such as the Bird's Nest, Water Cube, C919 aircraft, and Baihetan Hydropower Station.