The powerful AI in fashion industry

服装垂直产业链中的人工智能应用

By Alibaba Rhino Intelligence Manufacturing, CTO

犀牛智造CTO 杨晓刚

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The world’s 1st lighthouse factory in the fashion industry

Alibaba Group 阿里巴巴集团 | 犀牛智造

使命 Mission

让时尚应需而造

Enable on-demand fashion production.

愿景 Vision

成为全球最大的数字化柔性制造的基础设施，
让商家像使用云计算一样使用云端制造

Provide the world’s largest digitized, flexible manufacturing infrastructure for businesses, making “made-in-cloud” solutions as easy to leverage as cloud computing.

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In the smart rhino factory

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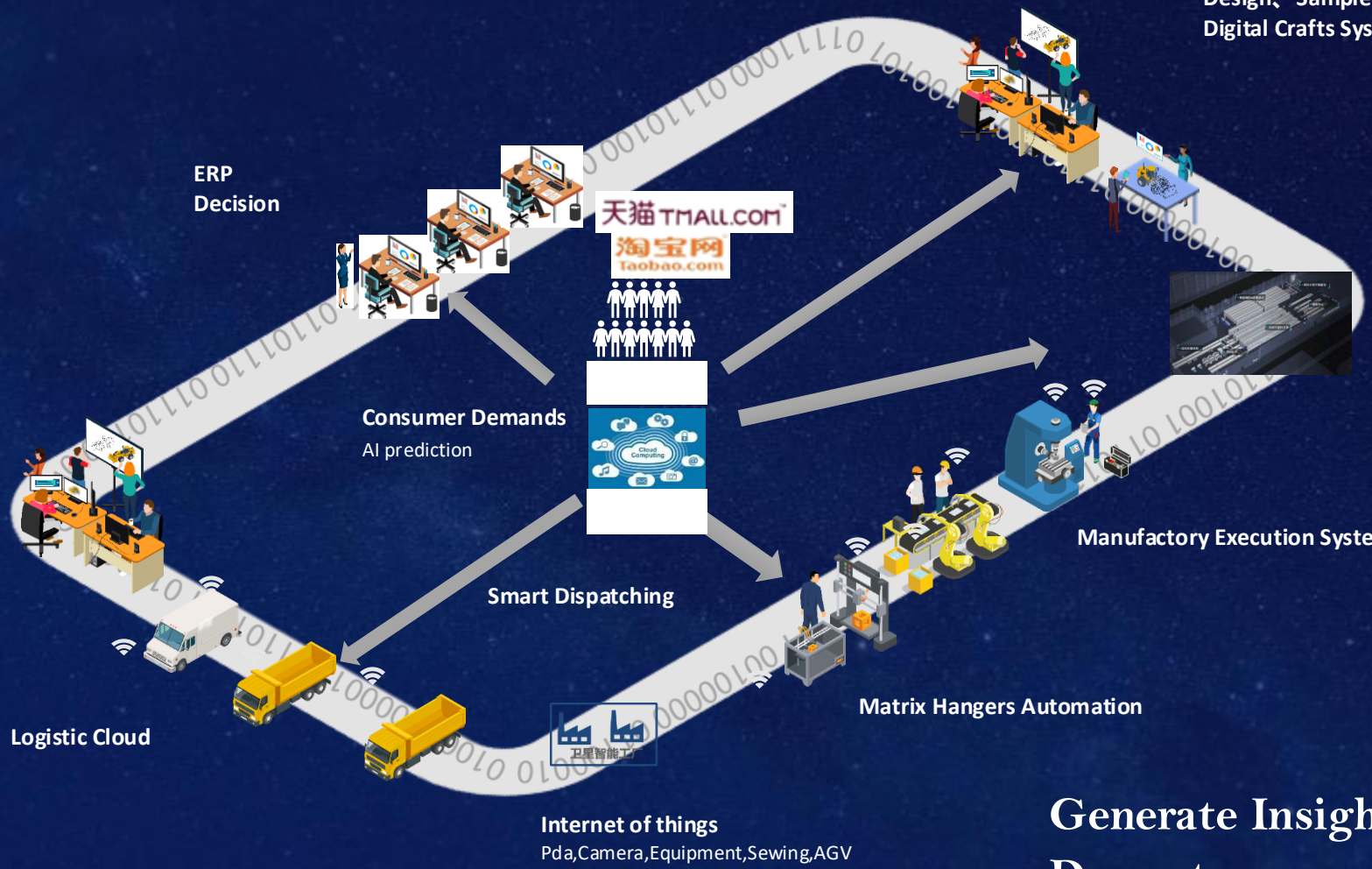
犀牛服装产业链数字基础设施 Rhino Digital Fashion Infrastructure



Generate Insights by Rhino Ai
Downstream commands to factory

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系统能力 System Ability

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新质生产力 New Productivity Performance

Production Perf
+30%

Rate of Qualified
+81%

Cost of QC
-70%

Speed of Pivot
+330%

MoQ
5000→300

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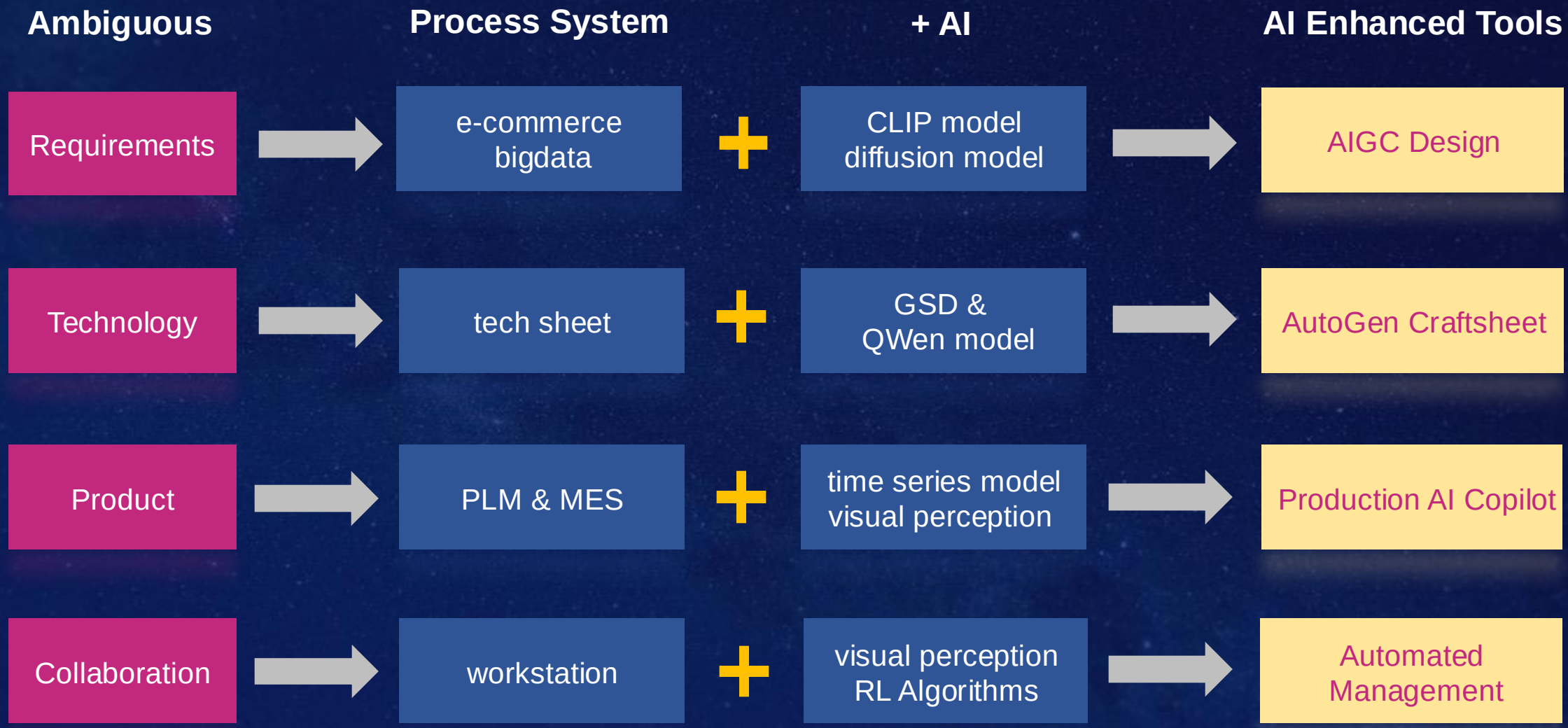
New Fashion Paradigm in AGI Epoch



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Our Case ：precise AI design with fashion insight & digital model

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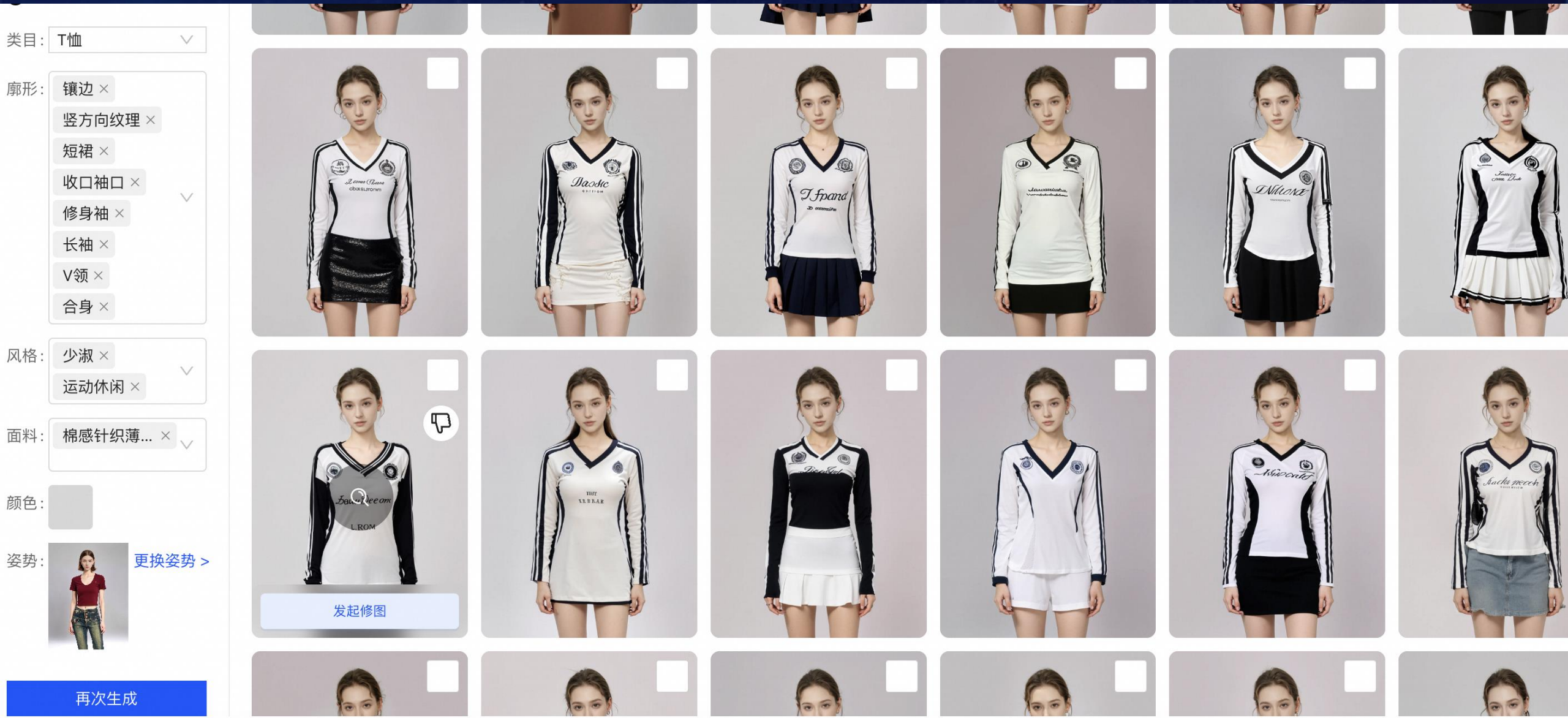

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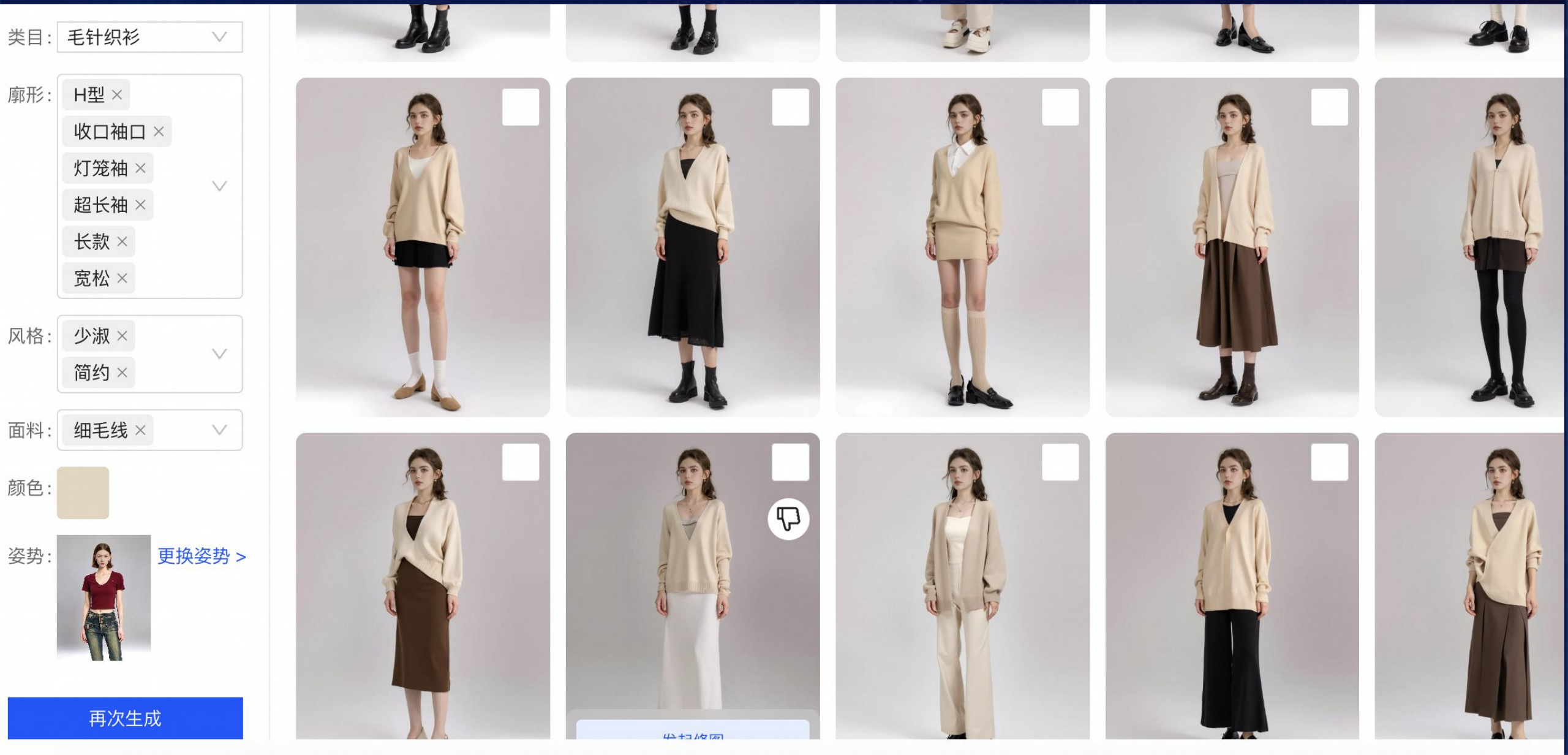


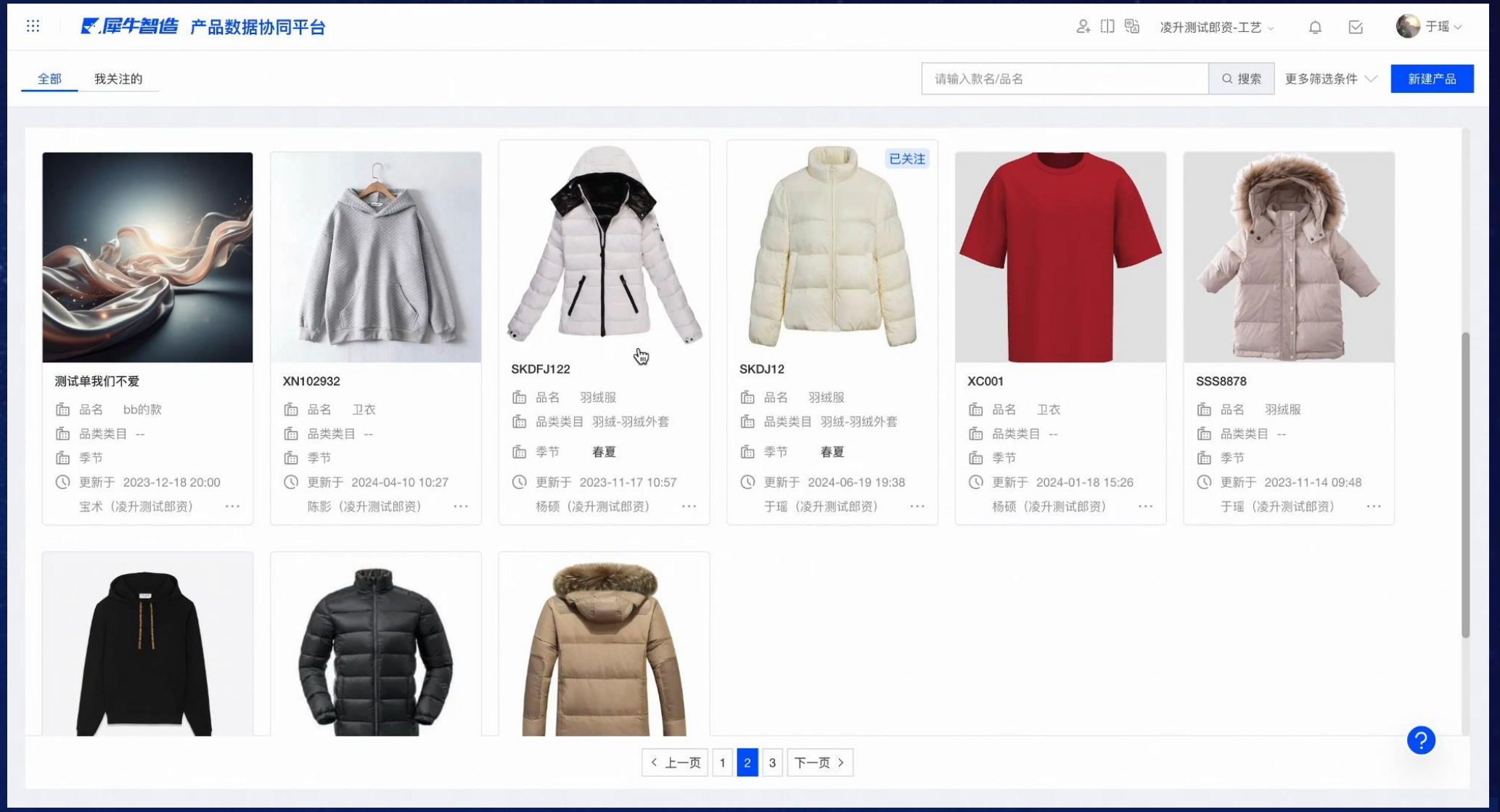
Our Case ： AI Editor

graph/pdf parser

- read-only materials converted into editable formats

auto edit

- automatic completion of process descriptions



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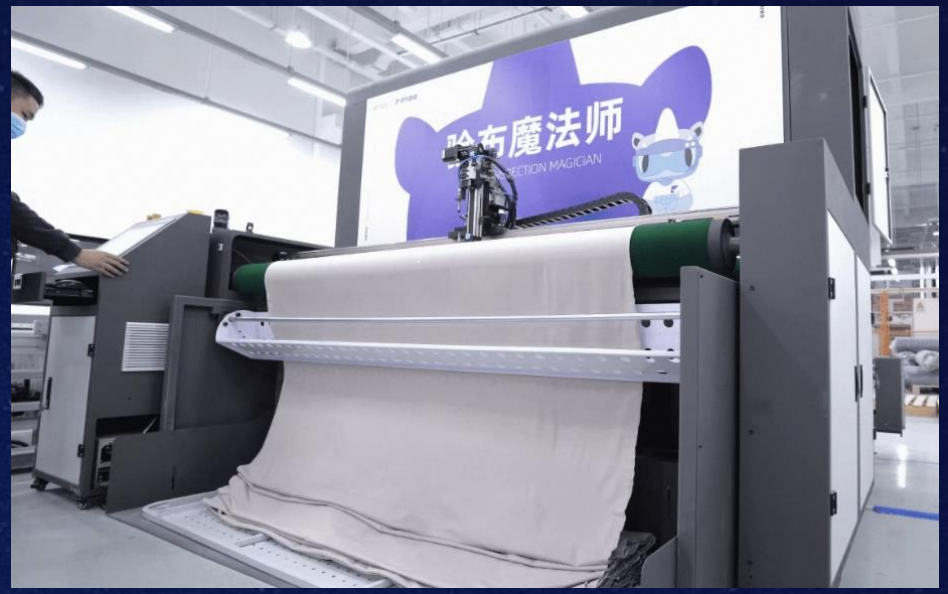
Our Case ： intelligent fabric/materials inspection machine

features

- Reliable self-developed technology,
- flexible deployment Accurate detection rate (actual detection rate 90%)
- Supports continuous operation for 24 hours, improving work efficiency
- Digitalized and standardized quality results traceable



features

- Motion vision and OCR technology applications can be used in the AI quality inspection field of apparel raw materials.

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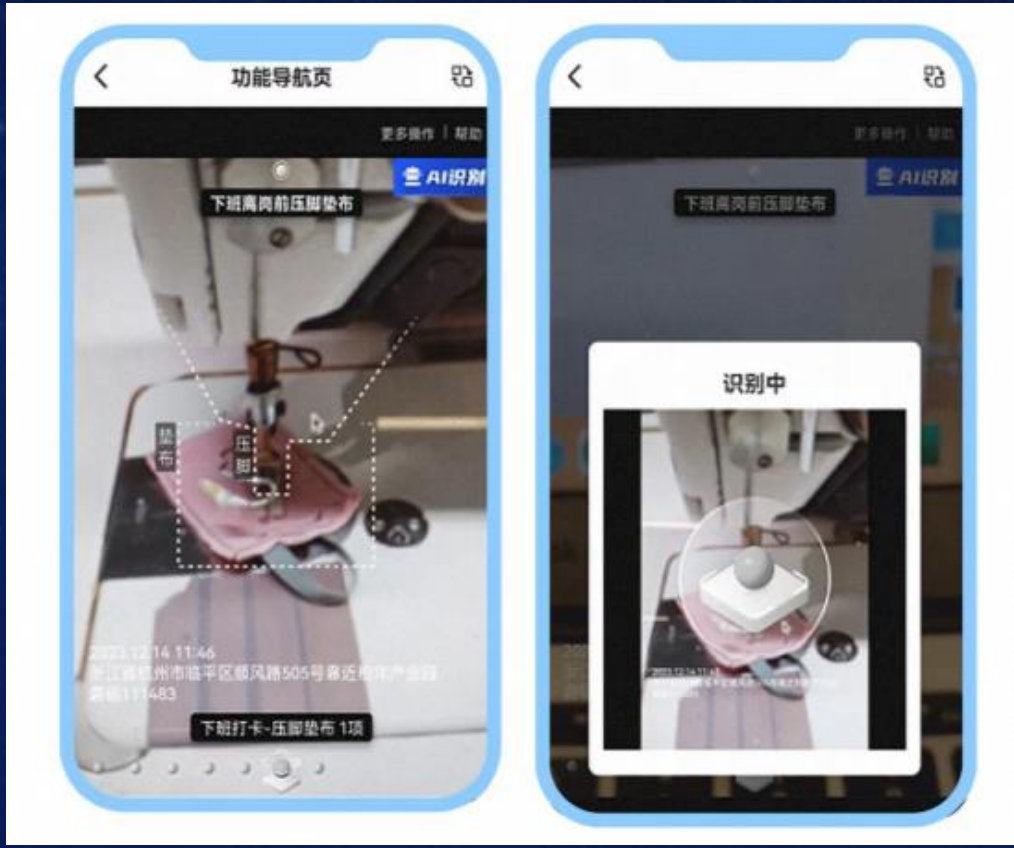
Our Case ：5S practice copilot for lean manufacturing

- Utilizing AI to perform video analysis on 5S execution result images,
- forming a digitized PDCA quality management loop, assisting managers in identifying improvement points.



best practice : putting presser foot cloth

audit whether employees have completed their work by AI

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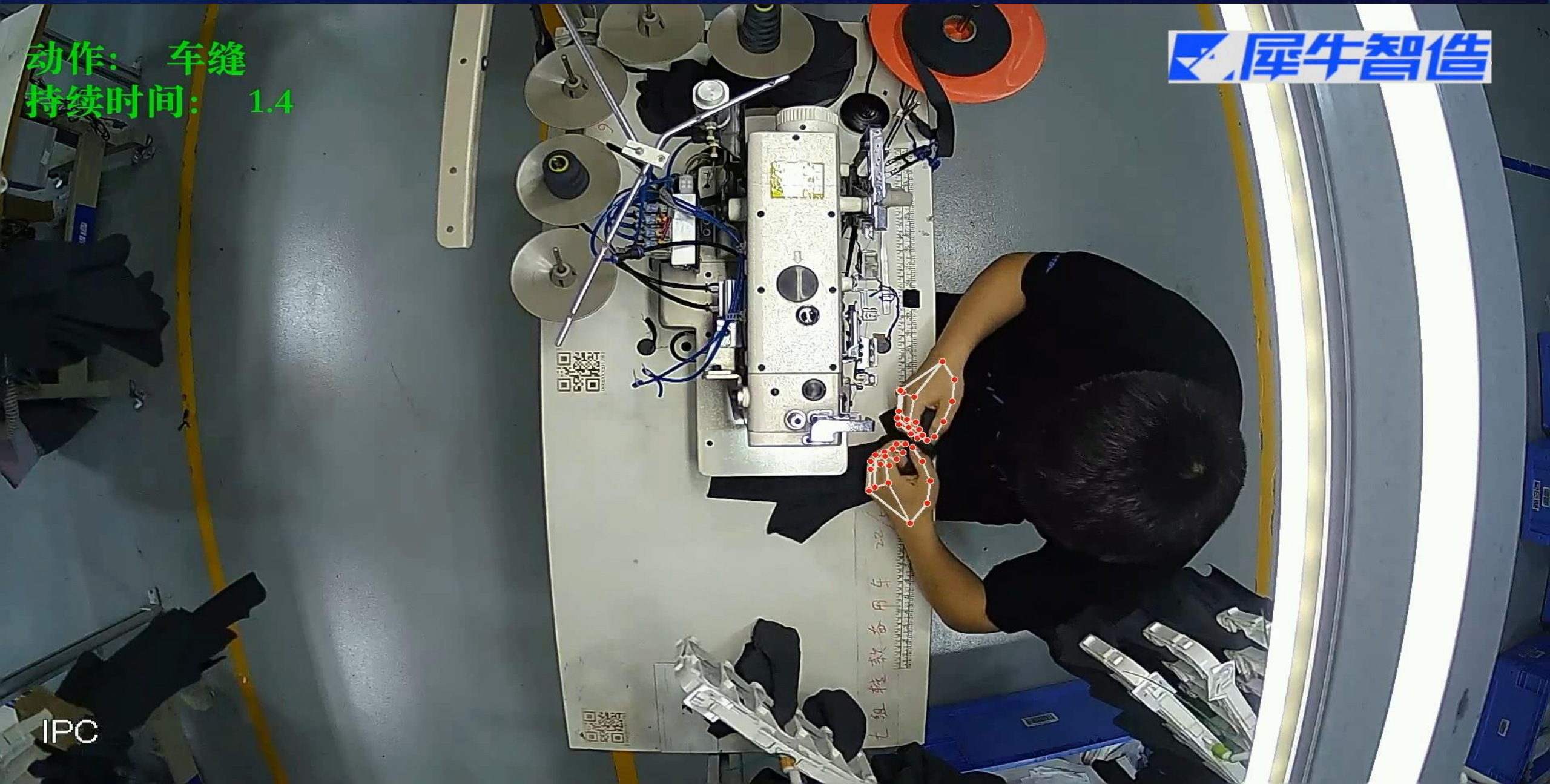
Our Case ：recognition of sewing actions



Our Case ：recognition of quality inspection actions

Thanks

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