Ricoh Apparel Manufacturer's Partnership by Universal Platform



RICOH's Digital Micro Factory: Sustainable Innovation in the Apparel Industry

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Ricoh Confidential





提供 安全 安心 的 衣食住 环境 共同实现高品质社会。 Provide safe and secure printing

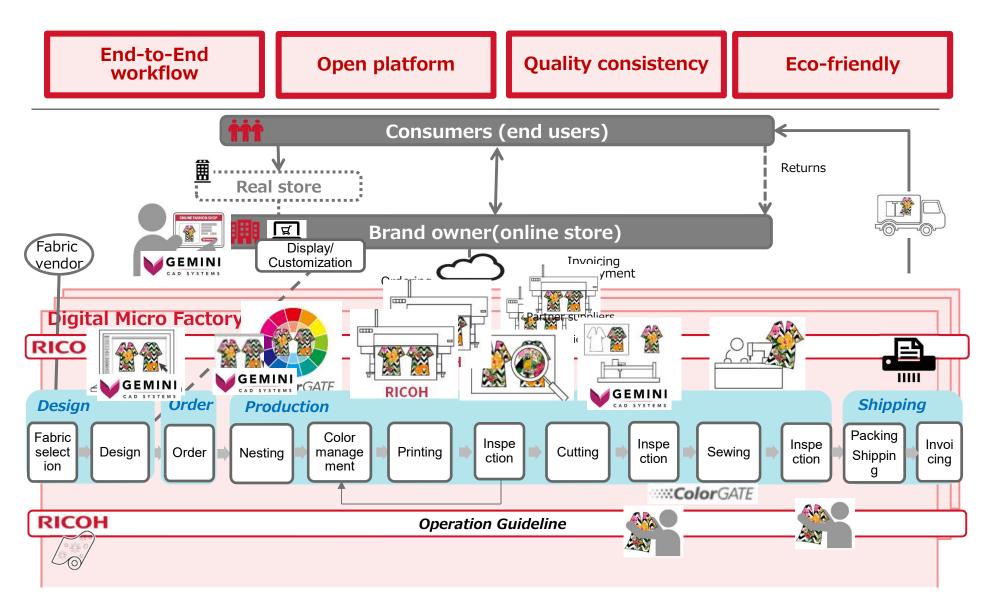
for food, clothing, and housing aiming to realize an enriched society.



理光致力于通过喷墨技术去帮助解决社会问题 Ricoh's inkjet technology will contribute in resolving social issues

RICOH Apparel Manufacturer's Partnership RICOH by Universal Platform

RAMP-UP : Provide smart Textile factory with partnership program



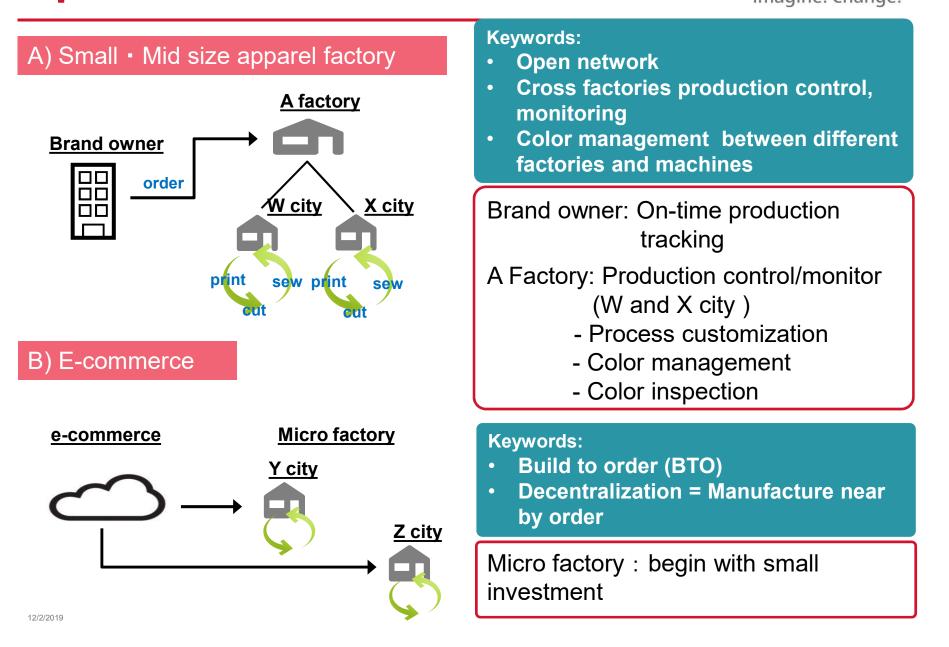




End-to-End workflow	✓ Operate from order to shipping✓ Transform marketing and merchandizing
Open platform	 ✓ Build consortium with partners ✓ Connect with any hardware through ColorGATE RIP/Gemini CAD system
Quality consistency	 ✓ Manage color consistency in any condition ✓ Provide inspection method with color measurement and process standard
Eco-friendly	 ✓ Reduce water with water based pigment ink ✓ Recommend eco-friendly fabric

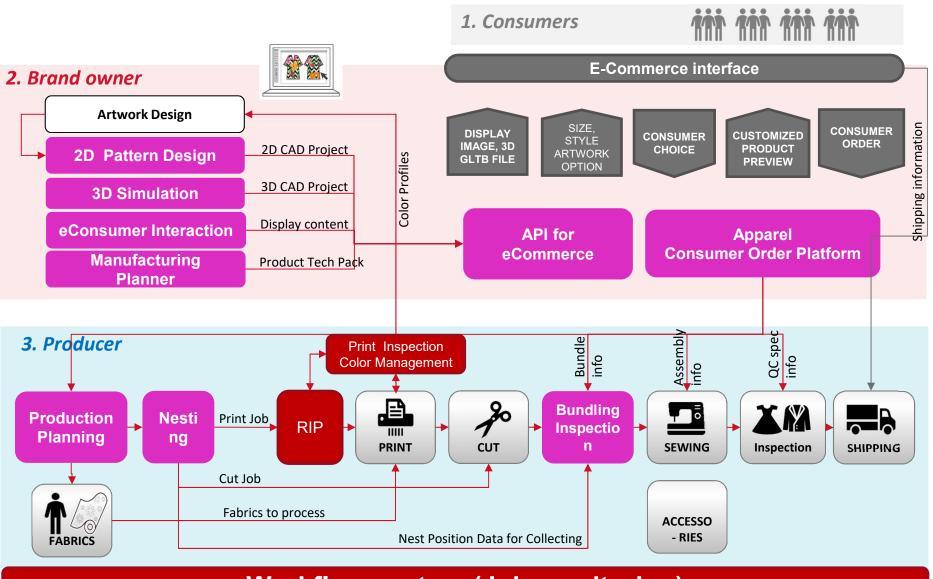
RAMP-UP promotes two kinds eco-systems RICOH

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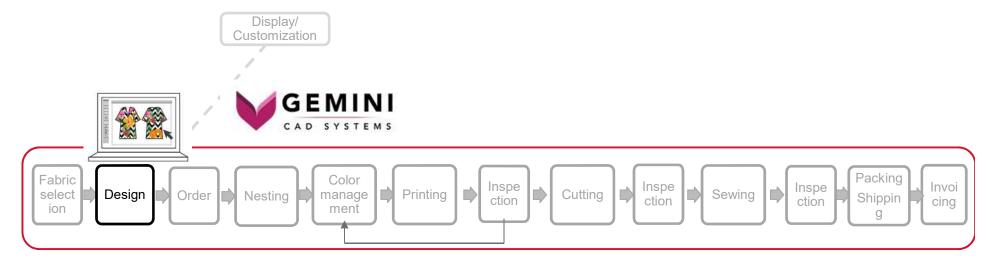




Workflow system (Job monitoring)







- ✓ 3D simulation
- ✓ Template design



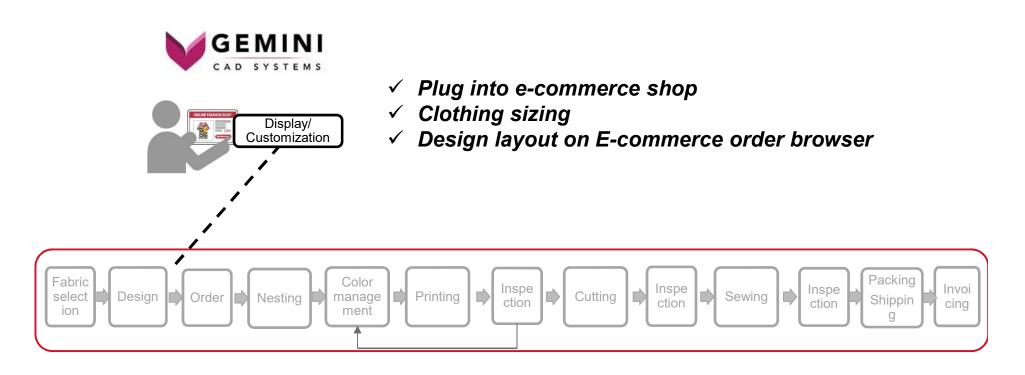


Create new design easily with 3D simulation Provide standard template pattern design











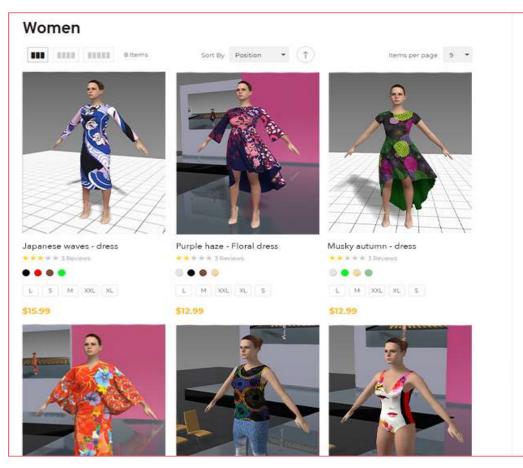


3Dモデル イメージに変更し

ページ全体を 差し替え。

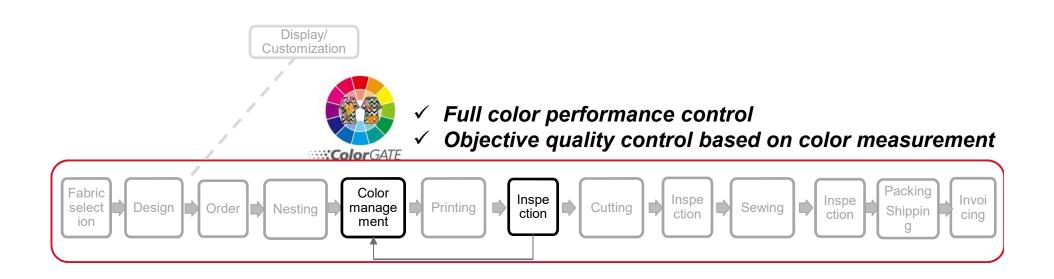
✓ Size & layout customization with style selector✓ Virtual fitting

Lower customer's barrier for online-shopping







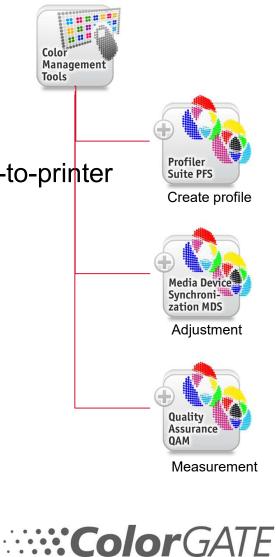


11 Best-in-class Color Management



- : Full color performance control
 - : Color consistency with wide variety of fabric
 - Print control for ink and fabric functionality
 - Color consistency between print-to-print / printer-to-printer / factory-to-factory

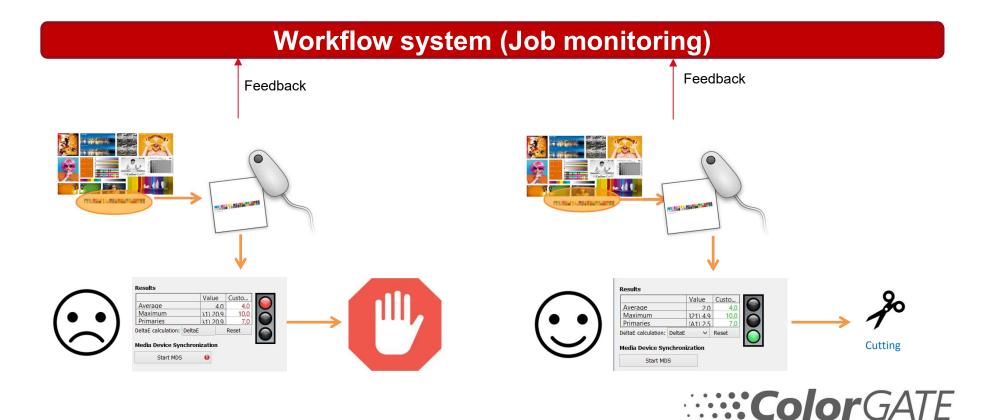






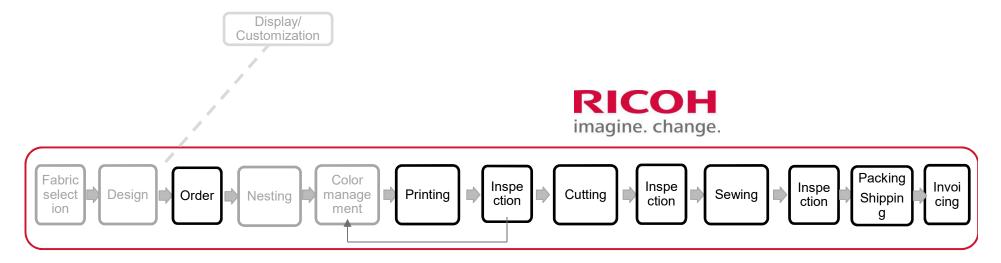


- Objective quality control based on color measurement
- An easy-to-perform procedure with status indicator







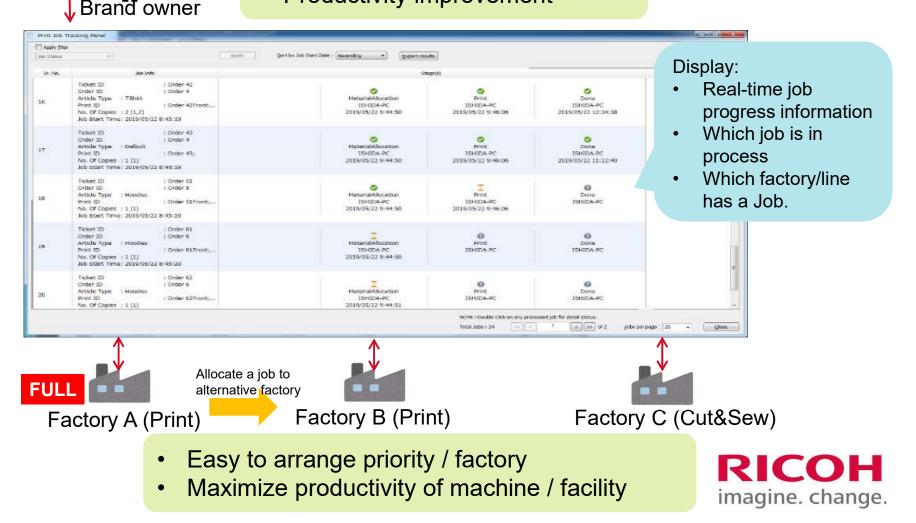


✓ Job tracking info to brand owners and factories





- Job tracking info to brand owners and multiple factories
 - Easy to track current progress
 - Productivity improvement







Let's build partnership and make it innovative!

	Player	Role of partnership	Benefit	
	E-commerce shop /Brand owner	Put order to platform	Change merchandizing/supply chain Eco-friendly branding	
	Fabric vendor	Provide sustainable fabric	Shit to high-value sustainable products	
	Designer (template pattern)	Provide template design Provide original design	Sell template design to producer Sell original design brand	
	Producer (DMF)	Produce cloths (Print, Cutting, Sawing and Inspection)	Expand high-value apparel job (Variable design, Low cost, Short run and Quick delivery, etc.)	
	Printer vendor	Connect with ColorGATE RIP	Acquire new customer/Gain supply business	
	Cutting machine supplier	Connect with Gemini CAD	Acquire new customer	
	Software supplier	Provide specific additional SW	Synergy with other SW	





- ✓ We announce the business concept & the consortium members as of today. We will start the proof of concept stage from 2020 1Q.
- ✓ A real commercial base business will start from 2020 3Q.

項目	2019 4Q	2020 1Q	2Q	3Q
Concept announcement	11/26			
Consortium member entry	•			
β I test (workflow + Ricoh printer)		•		
β II test (workflow + 3 rd party machines)			•	
Commercial base business				







杭州1949設計公社 (Hangzhou 1949 Design Commune)

.....ColorGATE



杭州点石服装 有限公司 (Hangzhou Dianshi Clothing Co., Ltd.)



杭州班佐服飾 有限公司 (Hangzhou Ban Zuo Clothing Co., Ltd.)









南通盛和実業有限公司 NANTONG SHENGHE (INDUSTRY CO.,LTD.)





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