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HIRDARAMANI X FASHION TRANSFORMER

CREATE
THE FUTURE



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DIGITAL TRANSFORMATION: AN END-TO-END ROADMAP

A TECTONIC SHIFT

The shifts towards speed and agility were already happening. Covid-19 and the subsequent disruptions to the extended supply chain merely accelerated them.

In the past we prioritized the cheapest needle, all the while adding slow and laborious processes. What happens when the cheapest needle becomes too slow to react?

THEN

- Long Lead Times
- Lowest Labour Cost
- Limited Communication



NOW

- Speed & Agility
- Transparency & Sustainability
- Sell Through vs Intake Margin



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THE SUPPLY CHAIN. DISCONNECTED



CxO
Management



Middle
Management



Mechanics, supervisors,
planners, data entry
operators, IE teams



Quality Checkers &
Sewing Operators

CREATING ALIGNMENT

From first-line to board room should be talking with same info

Fact based decisions

Data > Insights > Knowledge > Actions

YOUR SUPPLY CHAIN: DIGITIZED



Jeanologia

TUKATECH
INNOVATIVE SOLUTIONS FOR THE APPAREL INDUSTRY

VIZOO



BROWZWEAR

alvanon
BODY PLATFORM

CentricSoftware

FASTREACTPLAN

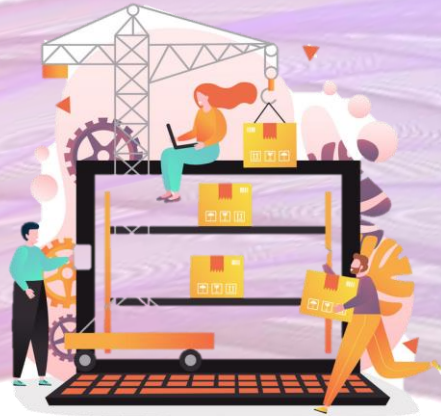


Design & Product
Development

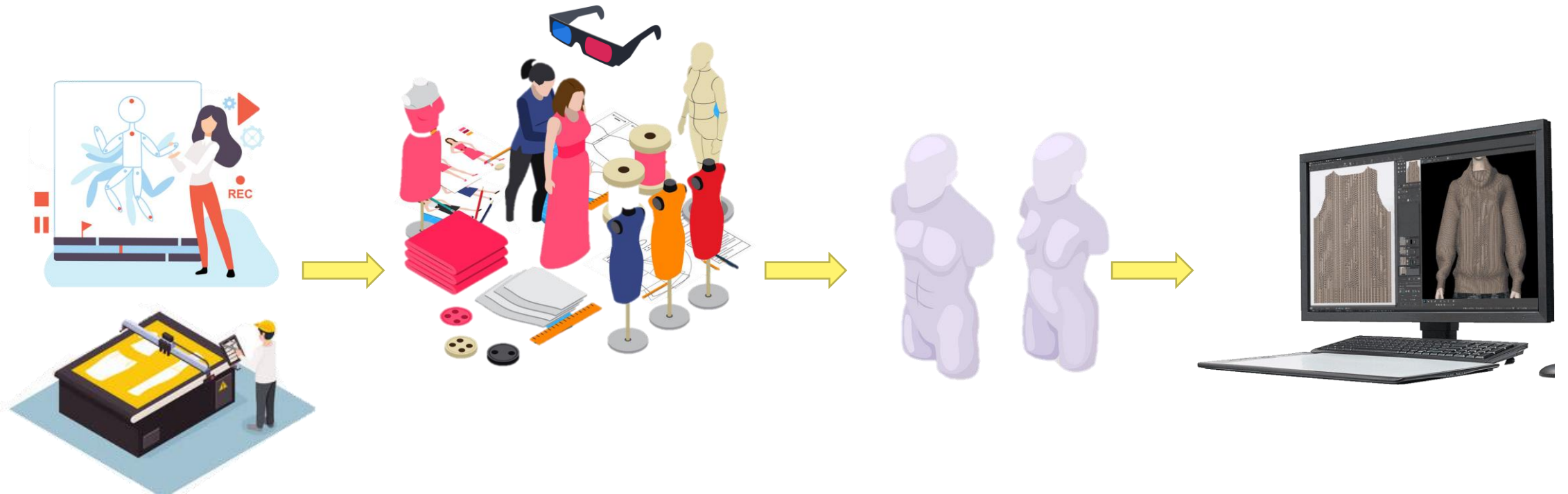
Enterprise Resource
Planning

Production
Environment

Reporting &
Insights



THE 3D PROCESS



BENEFITS

- Speed of Development – Hours vs Days
- Infinite Iterations/Colourways
- Collaboration
- Automation via BOM creation
- Design to Sell
- Transparency across Departments





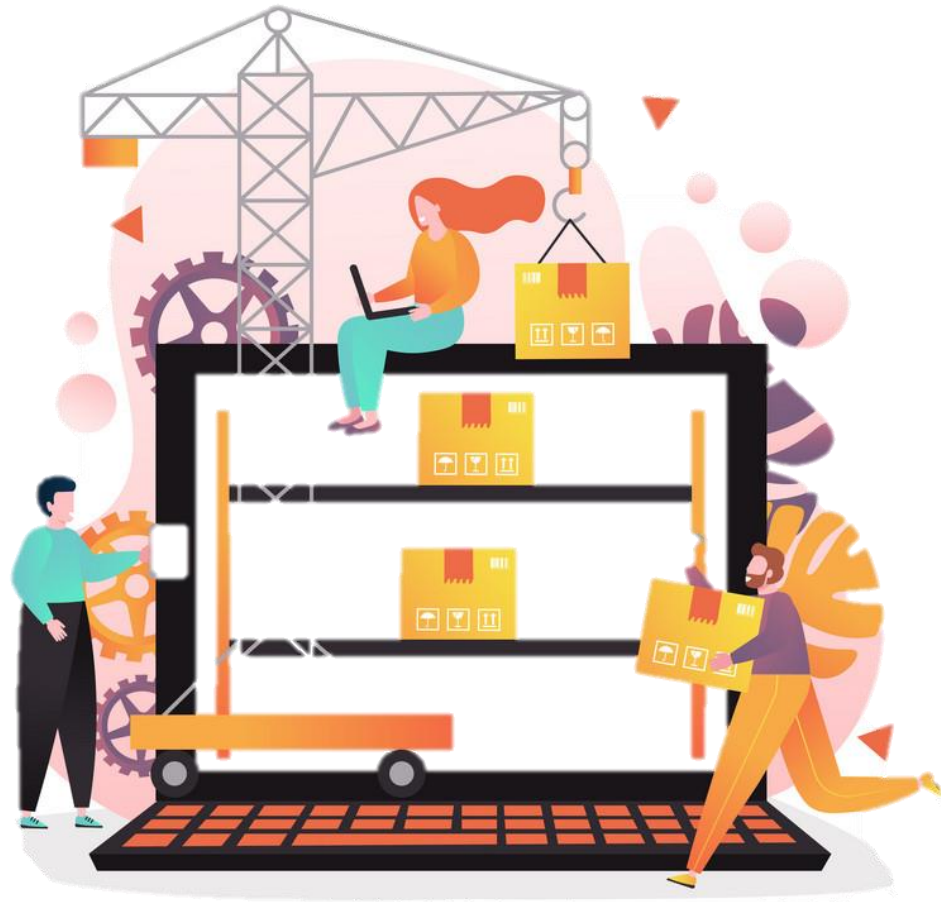
CHALLENGES

One Size does not fit All

Multiple Systems & Platforms

Predominantly for Development

Commitment



ERP

- Heartbeat of an Organization
- Focus for Apparel Companies is Finance & Inventory
- More than just a Transaction Engine:
 - Transparency/Audit Trail
 - Paperless
 - Use of AI/ML for forecasting tools
 - DATA



APPAREL IS STILL LABOUR INTENSIVE

**THERE ARE 65 MILLION GARMENT
WORKERS IN APAC**
- SOURCE: ILO





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THE ROBOTS ARE (NOT) COMING YET

HI
HIRDARAMANI

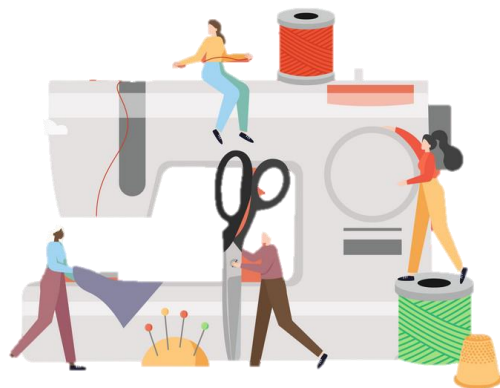
This Photo by Unknown Author is licensed under [CC BY-NC-ND](#)

WHY?

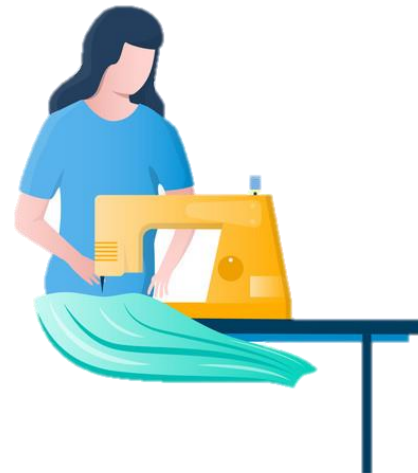
Cost



Retrofitting old
machines



Overall Equipment
Effectiveness



People are still at the
heart of operations



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IT'S **ACTUALLY** ABOUT
AUGMENTING
HUMAN POTENTIAL

THE CONNECTED SHOP-FLOOR

- ERP as a foundation
- Uses Best in Class Systems
- Matrix Integration & Reporting
- 360 degree view of your business
- One Version of the Truth



THE OPPORTUNITY

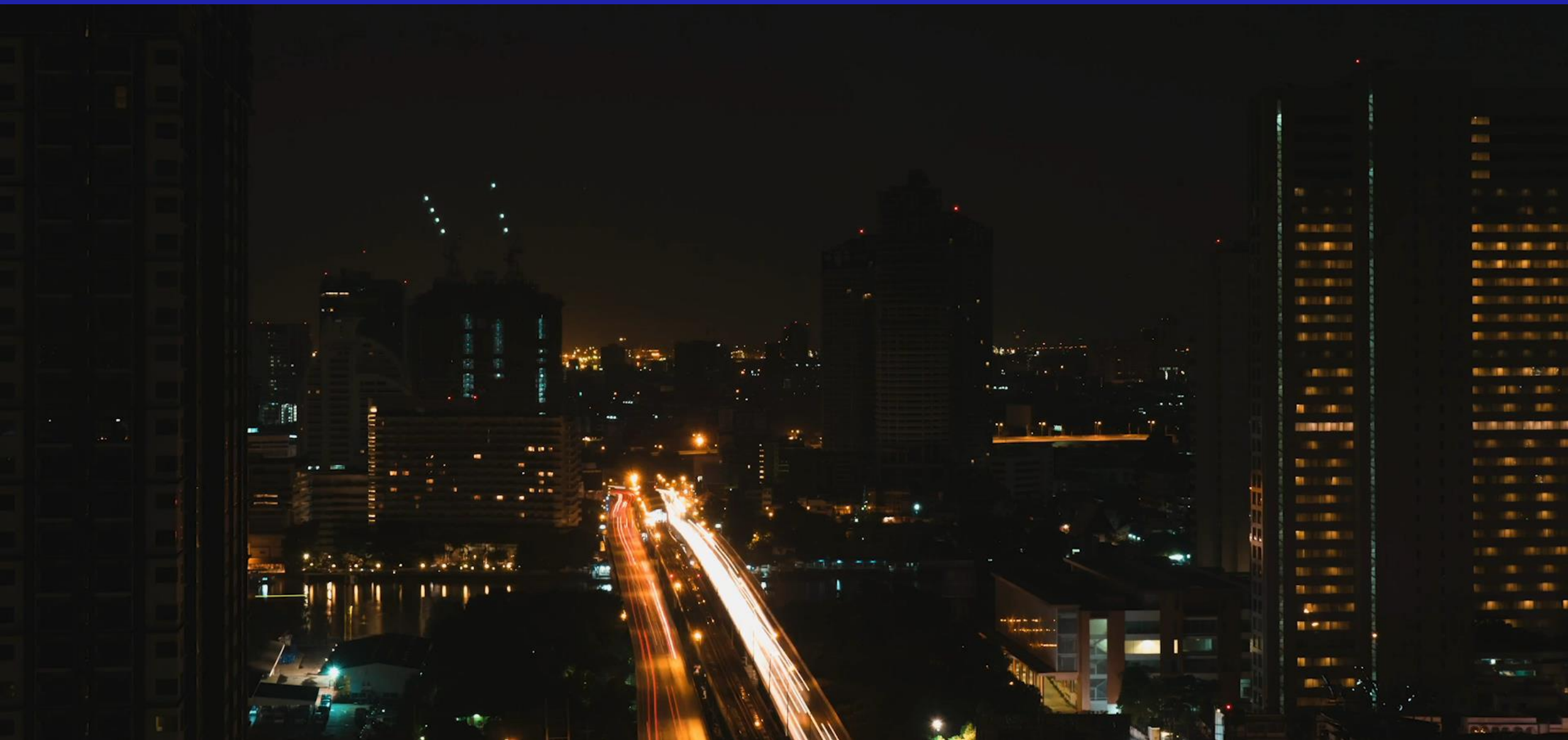
- Factories have their data sitting in Silos, often across departments
- Traditional ERPs do not consider the shopfloor
- This is usually a mix of digital and analog reporting – of which there is very little correlation
- The time taken for data to reach decision makers is slow





WHY?

- IoT enabled machines are becoming mainstream but replacement of legacy equipment is cost prohibitive
- Machinery suppliers are working in a closed tenant environment – not open source
- There is a pressing need for **Today's** solution, not Tomorrow's.



THE SHOPFLOOR. CONNECTED.

An NFC based machine management tool tailor made for the apparel industry, developed to address unique pinpoints found in the traditional machine management processes.

Machine Management

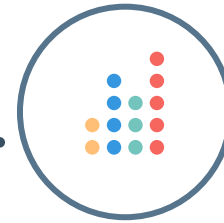
Res.Q | MI



A Line layout planning tool which digitizes the entire line balancing & symbolic layout creation. With an integration with Res.Q | SM & Res.Q | MI users could also map the exact man and machine to generated line layouts automatically through the system itself.

Line Layout planning

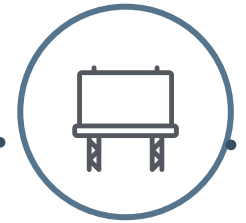
Res.Q | SL



A production tracking module capable of tracking single garment wise or bundle wise production. Capable of handling any simple or complex sales route unique to different product types.

Production tracking

Res.Q | MES



Res.Q | QMS



Res.Q | SM



Res.Q | FI



Quality Management

A fully digital quality management tool facilitating all forms of quality inspections. Giving complete visibility and control of the entire quality and production of your manufacturing process.

Skill Management

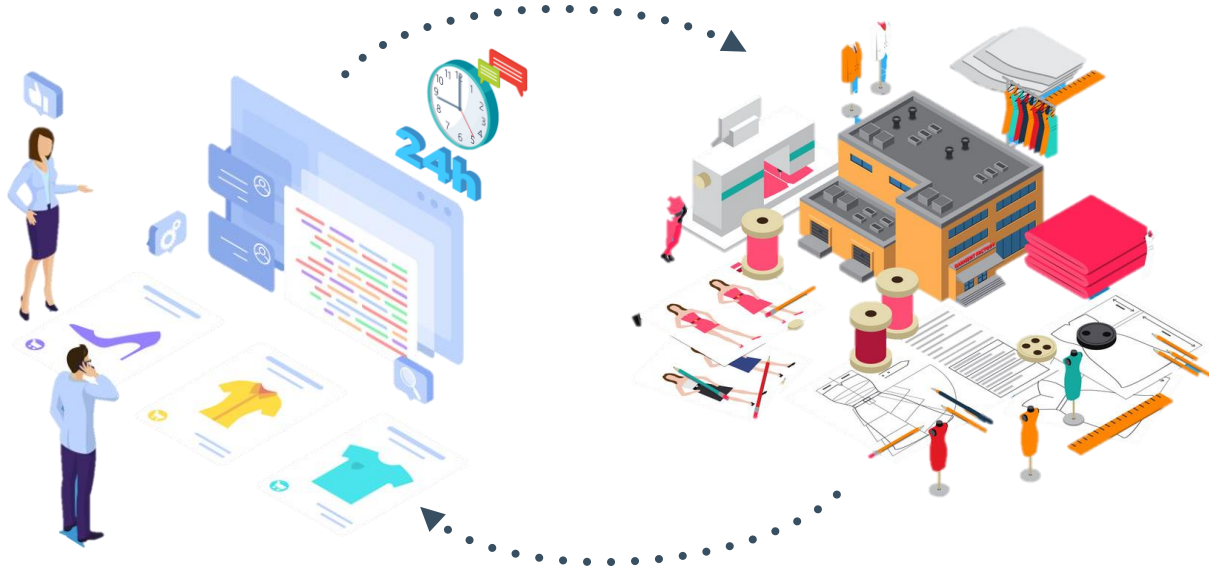
A digital Skill library to manage organizational skill resources through one central platform and carry out skill evaluations with a simple mobile application.

Fabric inspection

A digitized fabric inspection platform made for the apparel industry, automating the evaluations, supplier evaluations and reporting.

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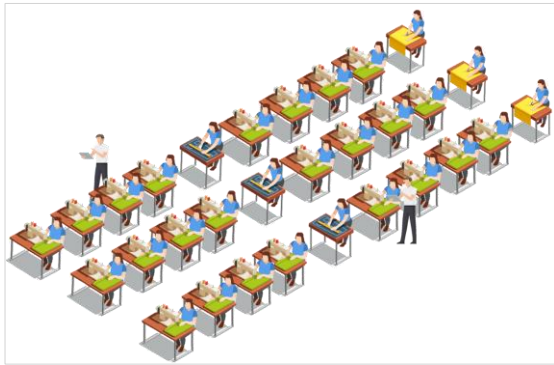
DATA IS THE NEW CURRENCY



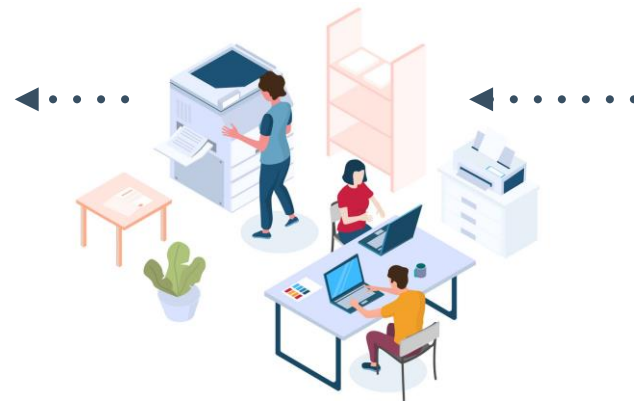
Factory Receiving
Development Order



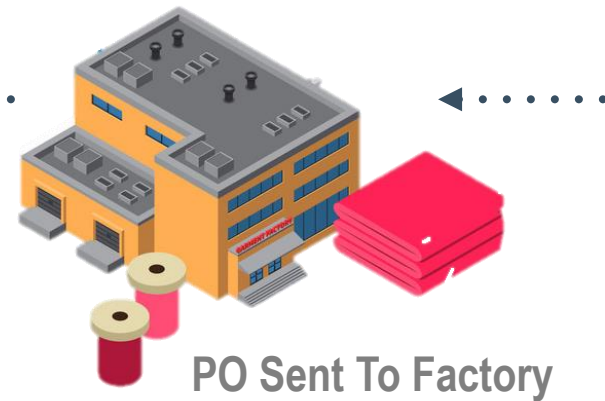
Final Prototype
Sign off



Production



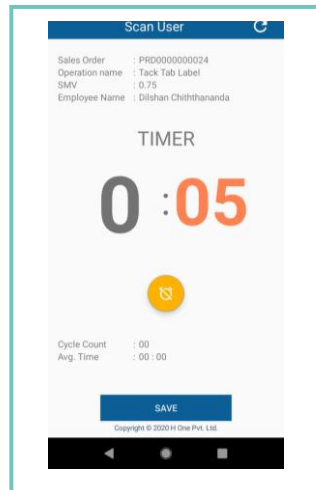
Production Planning



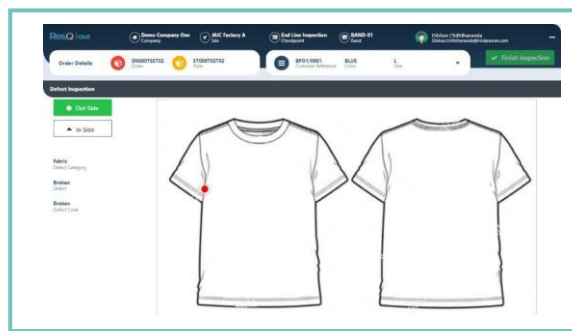
PO Sent To Factory



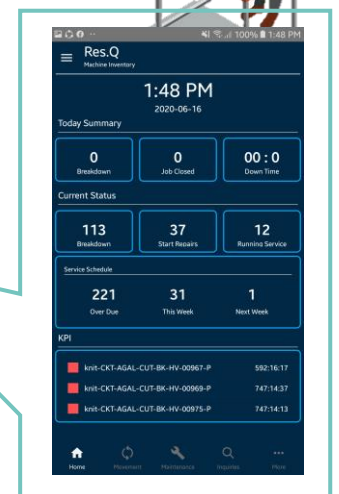
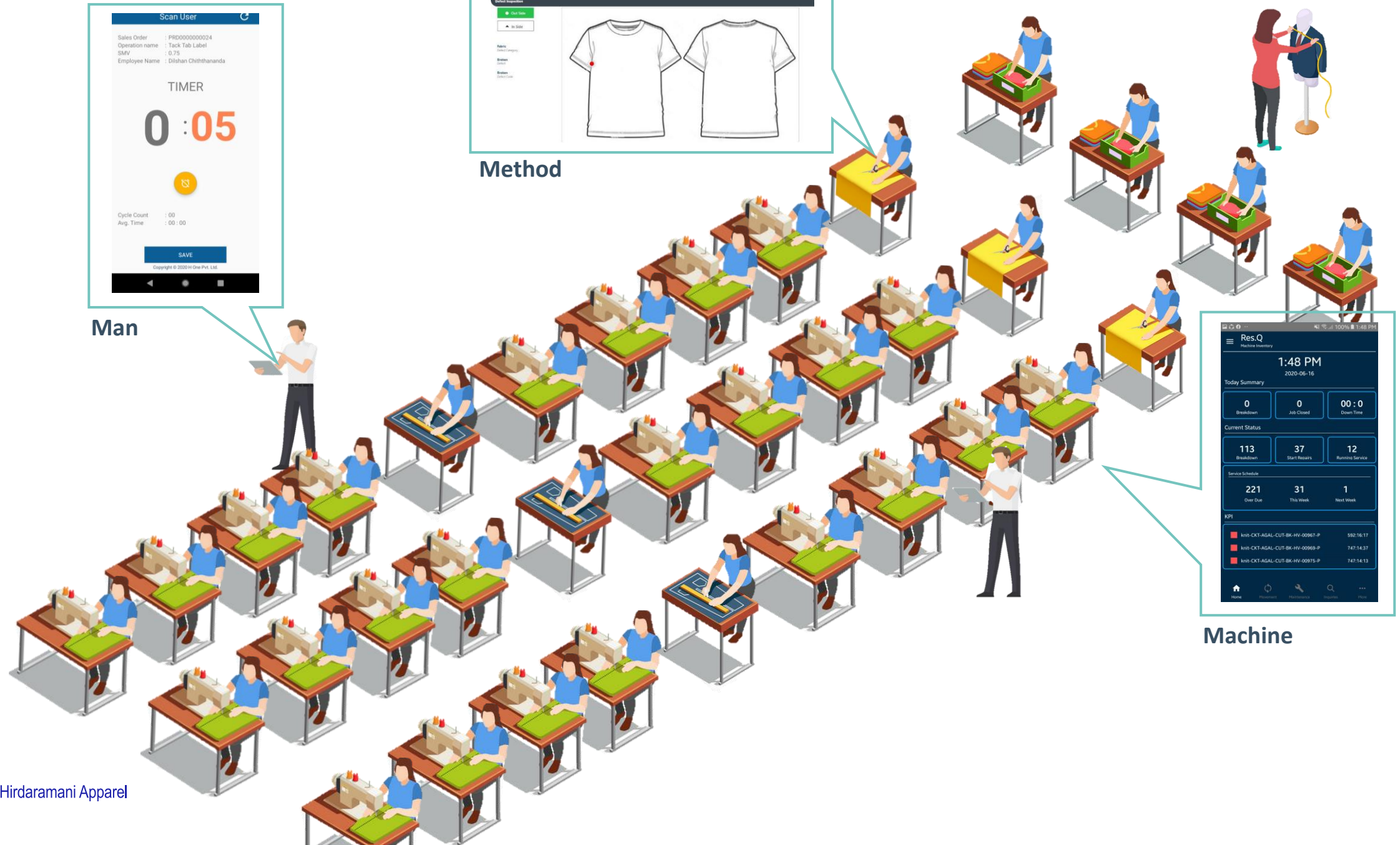
Pre-Order



Man



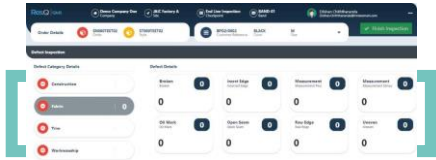
Method



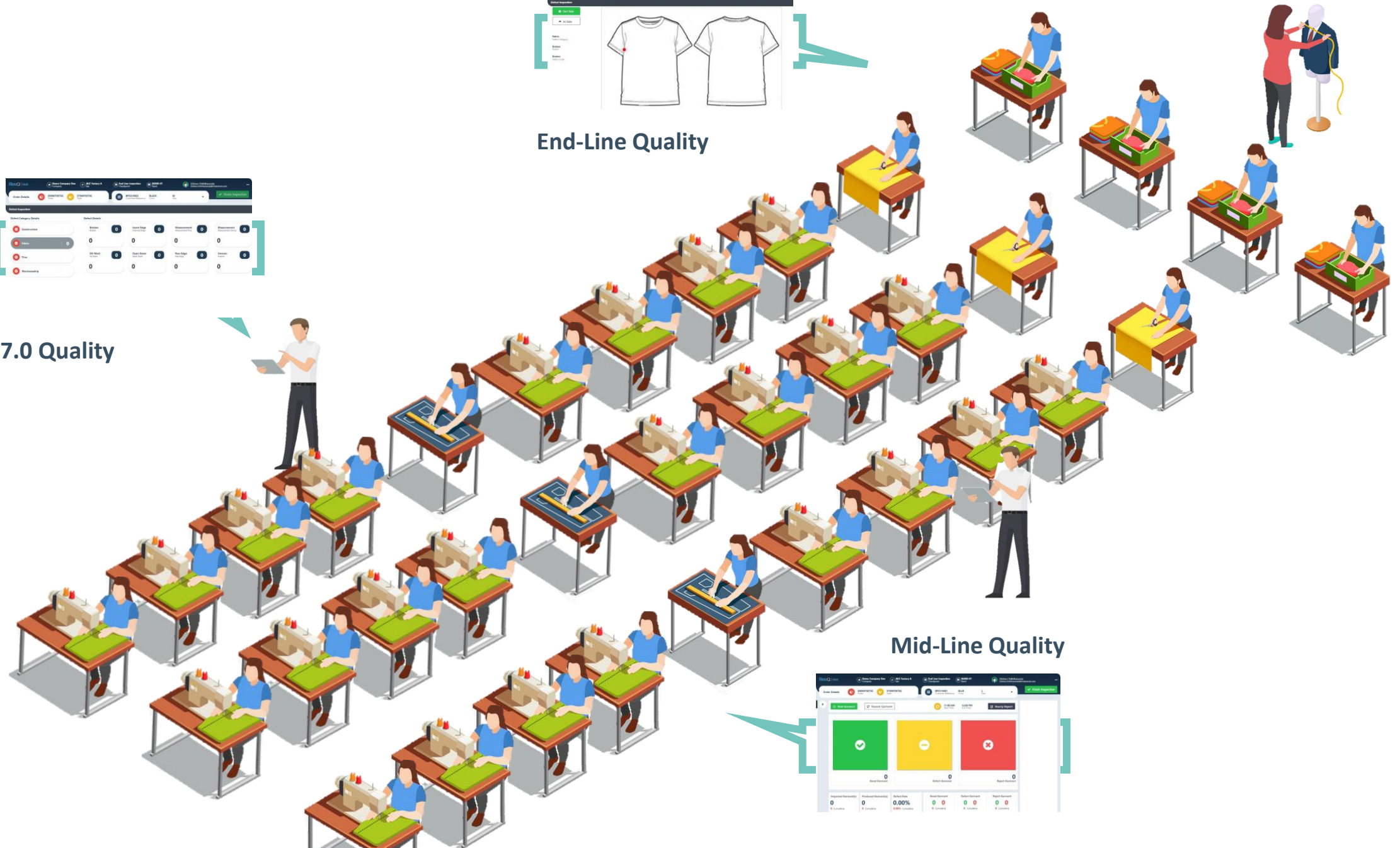
Machine



End-Line Quality



7.0 Quality



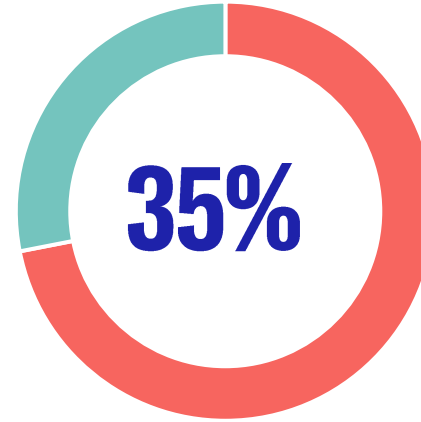
Mid-Line Quality



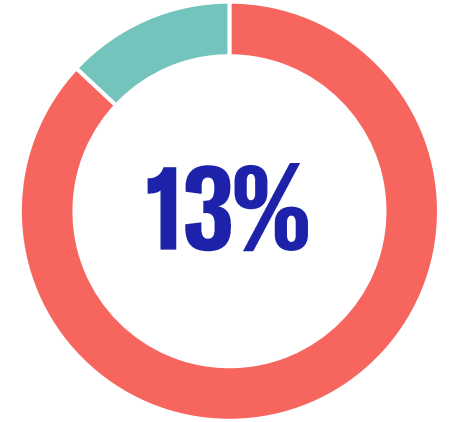


**SUCCESSFUL
ORDER
COMPLETION**

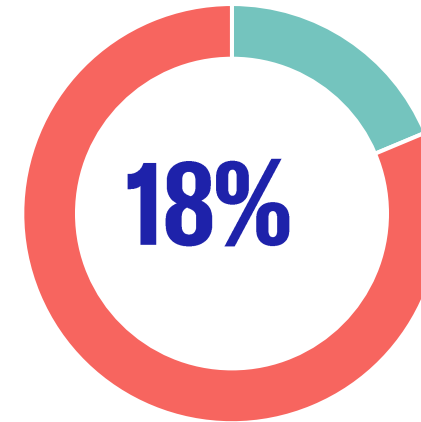
TANGIBLE RESULTS



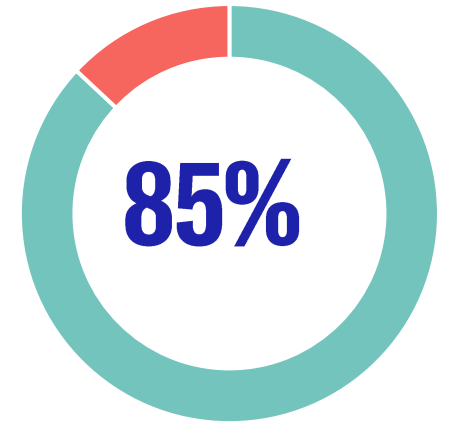
IMPROVEMENT IN RIGHT
FIRST TIME



INCREASE IN CUT-TO-SHIP
RATIO



IMPROVEMENT IN
EFFICIENCY



REDUCTION IN MACHINE
RENTALS

WITH THE POSSIBILITY OF A GLOBAL ECONOMIC SLOWDOWN BY 2020, COMPANIES WILL TURN MORE PRUDENT AND START TO LOOK MORE AGGRESSIVELY INTO OPPORTUNITIES TO BOOST PRODUCTIVITY COMPARED TO PREVIOUS YEARS

- MCKINSEY & BOF (2019)



1. Connect the Dots
2. Have a Plan
3. Experiment
4. Review
5. Be Patient

1. Connect the Dots
2. Have a Plan
3. Experiment
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5. Be Patient

KEEP IN TOUCH



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