

Connected Worker

– Frontline 4.0

Create a Next-Gen Workforce
by leveraging Automation &
Advanced Connectivity!!!

Everlasting demand for innovative & intelligent products with shorter lead time is transforming the manufacturing landscape. Industry 4.0 is driving the Digital Transformation at the Factory Shop Floor, Making these factories Smart, Automated, Connected and Data Centric.

However, the manual manufacturing operations till date rely on the legacy tools and methods.

How can manufacturers enable frontline workforce to keep up with the pace of **Digital Transformation?**



As the baby boomers retire, how can manufacturers retain the **tribal knowledge?**



How can we archive the knowledge & transfer to the technology savvy **millennial work force?**



How Tech Mahindra can help with Frontline 4.0 Platform?

Frontline 4.0 is the industry Proven integrated end to end AR software platform for wearable computing devices including smart glasses , smart watch, smartphones and tablets. It is software solution for your entire value chain

Frontend solution

As a human machine interface with different forms of interaction



Backend solution

For management of software and hardware of users and their tasks



Technology Platform

For the definition of processes , information, interaction and integration



What can you do with Frontline 4.0?

Immersive Training

Offsite trainings in VR/MR :

- Standard operating procedures
- Virtual factory tour
- Safety training
- Maintenance procedure

Assembly & Inspection

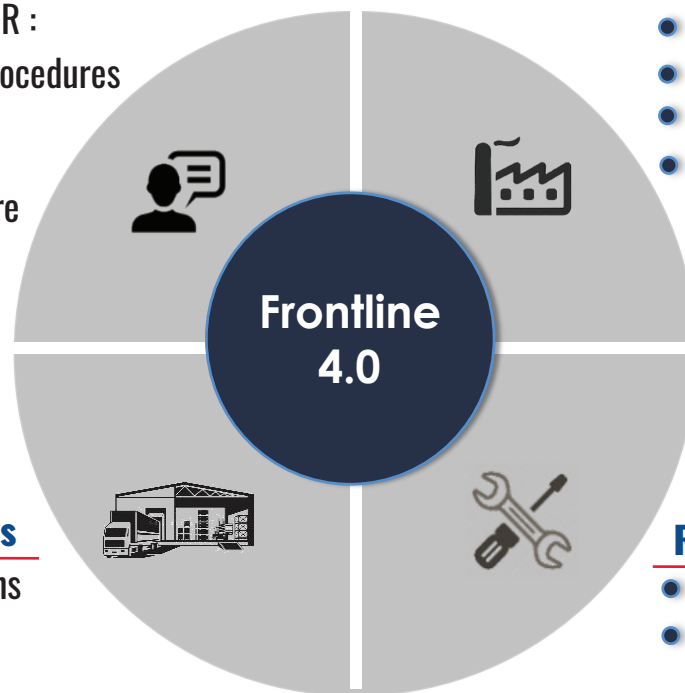
- Assembly and Production
- Quality Assurance
- Onsite trainings
- Value added Services

Warehouse Operations

- Pick & place operations
- Manual order picking
- Kitting
- Sorting of inventory

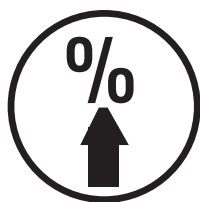
Remote Support

- Service and maintenance
- Field inspection and verification
- Documentation
- Knowledge capture



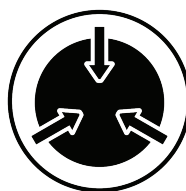
What are the benefits?

Fast ROI through



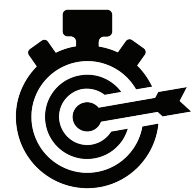
- Elimination of non value added processes with increased productivity (15 -30%)
- Reduction of error rates up to 50%
- Intuitive information provision for workers

Easy Integration



- Use of existing interfaces and methods
- Broadest collection of supported interfaces and file formats for data exchange
- Browser technology as backend interface

Improve speed & Accuracy of frontline operator



- Train field workers around the world through guided work instructions and procedures
- Real time visibility
- Increase customer level satisfaction by reducing repair times & more reliable fixes