



TRANSITION
TECHNOLOGIES



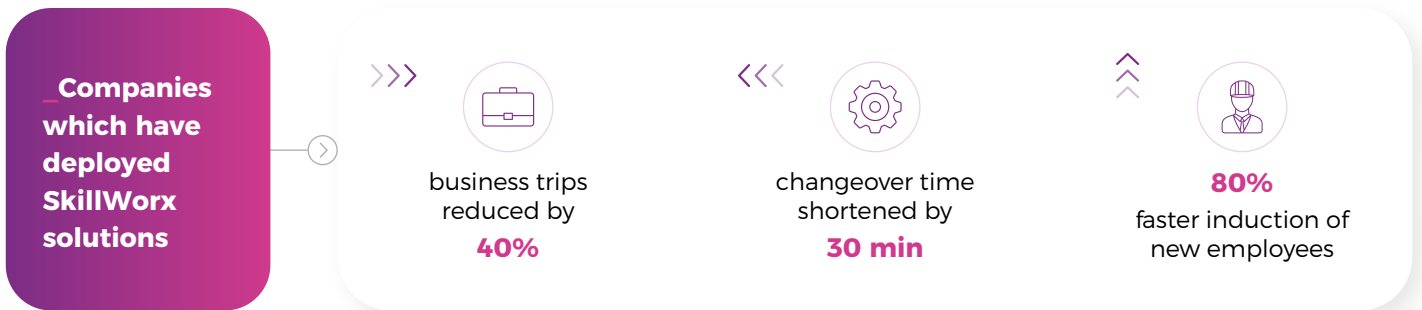
SkillWorx

What is SkillWorx and for whom is it intended?

Enter the Age of Industry 4.0

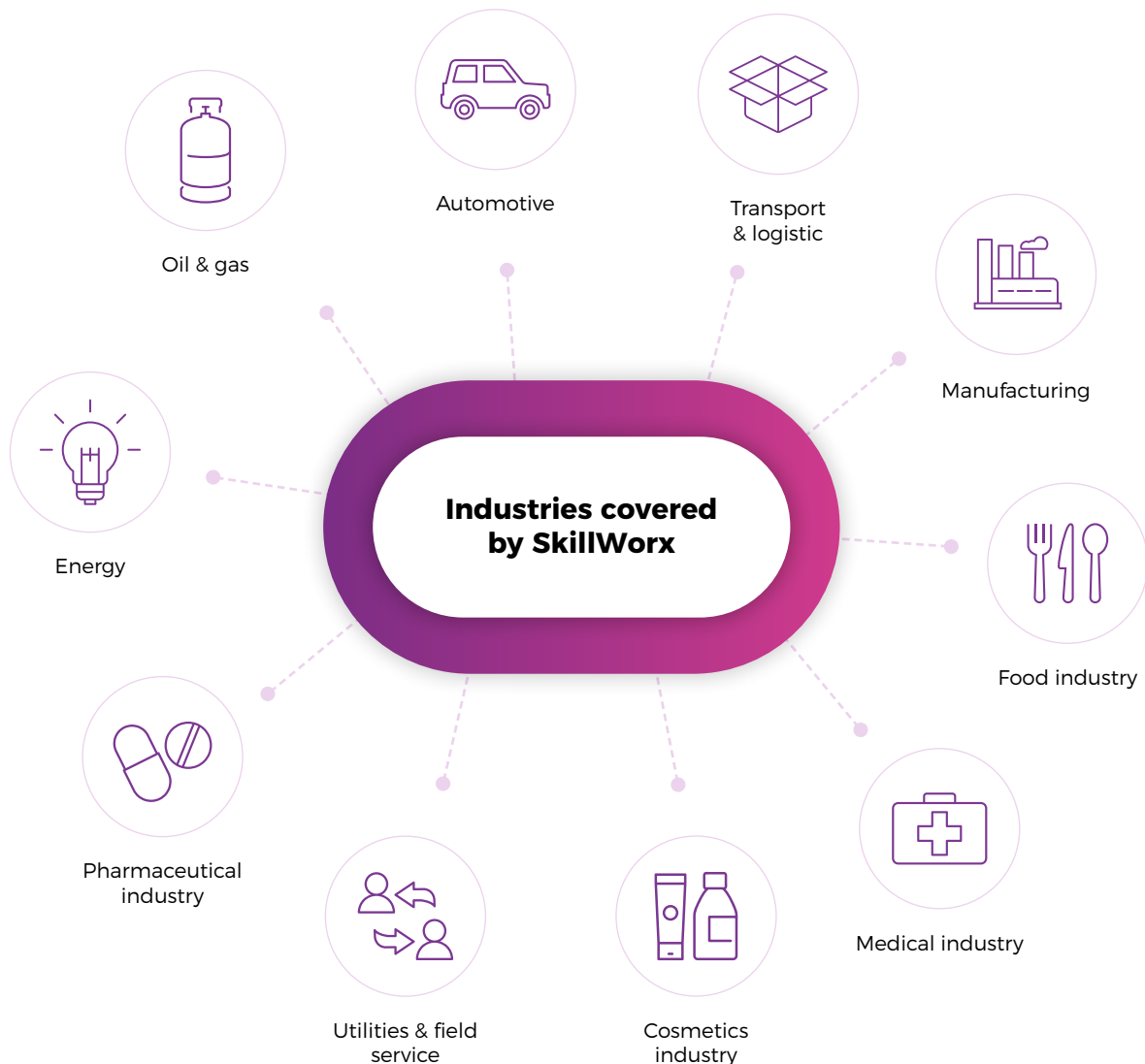
SkillWorx is the answer to the ever-rising needs of Industry 4.0

It is an ideal tool for quality managers, service technicians, fitters, and warehouse workers. It works well as a trainer, both for current employees and newcomers, ensuring quick and safe induction or retraining for a new position. SkillWorx is also suitable for field work, allowing you to connect with an expert hundreds or thousands of miles away.



Benefits:

- ✓ Reduction of production downtime
- ✓ Always up to date process documentation
- ✓ Streamlined onboarding processes
- ✓ Reduced costs of staff business trips
- ✓ Efficient warehouse logistics
- ✓ Increased availability of external experts



SkillWorx provides work instructions, production orders, checklists, pick lists, standard operational procedures, information on changeovers, changes in machine handling and other tasks in hands-free mode right in front of the employee's eyes.

SkillWorx components

Hardware



The core of SkillWorx is RealWear HMT1 - the world's first industrial wearable voice-activated computer.

It is perfect for industrial applications in which keeping your hands free is crucial for work safety and effectiveness. The device view is the equivalent of a 7-inch tablet, except that it offers fully hands-free operation thanks to voice control. Individual functions can be activated by voice in one of twelve languages. Together, with over 8 hours of work on a single battery charge, this enables your employees to work and perform their duties freely, improving the quality of their work and their efficiency.

How is SkillWorx powered? Through the PTC ThingWorx platform - an IoT platform designed specifically for industrial applications.

Developed for comprehensive solutions with a full set of essential features. It enables integrating data both from countless purely software-based platforms (including MES, ERP, PLM, WMS, CMMS, CAQ) and other applications used to manage orders, warehouse, production or maintenance, as well as data obtained directly from automation devices, i.e.: sensors, PLC drivers or SCADA applications.

Software



thingworx®

SkillWorx solutions

SkillWorx Connected Worker

Equip your front-line employees with the necessary, voice-activated digital technical information – always for the right person, in the right place and at the right time. SkillWorx acts as an information center with full, up-to-date documentation necessary at a given work station regardless of whether the employee is responsible for assembly, quality control, station inspection, production line changeover or renovation and maintenance tasks.



SkillWorx Guided Worker

Remotely connect with an expert and resolve the issue in real time. Our innovative SLAM solution provides the RealWear HMT-1 with spatial intelligence so that both the expert and the technician can accurately mark the live image with AR tags. Digital annotations are permanently attached to real objects at the point where they were originally drawn, which reduces potentially costly errors. In addition, real-time image analysis enables precise recording of an employee's location.

SkillWorx Onboarding & Training

Encourage employees to make recordings during their work and create a knowledge base about the procedures implemented in the company on the spot. Thanks to this, it is possible to build an up-to-date database of training and instruction information necessary for the training and induction of new employees in an easy and effortless way.



SkillWorx Warehouse picking

Save thousands of hours per week on the component picking process, increasing employee productivity with digital step-by-step instructions, hands-free operation and the life cycle of pick lists, trolleys, audits and execution reports.

SkillWorx helps companies in every industry – especially those whose most important assets are people and their capital, i.e. know-how – achieve digital transformation.

Check out our SkillWorx video

[Webinar about SkillWorx](#)

[Presentation: SkillWorx HMT-1 Remote Mentor](#)

1

Contact

Do not hesitate to contact us if you notice any problems in your company with: the control of processes; production quality; downtimes; production organisation and management; monitoring of machines; their servicing; predictive maintenance of production equipment, or costs optimisation for production or production lines! One of our professionals will respond to your enquiry and send you a report form within a couple of hours.



2

Analysis

Obviously, the better we understand the difficulties you have to face, the easier it is for us to diagnose the issue and select the best solution.



3

Definition

Once we've analysed your form, it's time to discuss the details.

During our discussion we'll define the areas that need optimising, and the problem areas that need improving.



4

Implementation

Not sure who can implement all of the recommended improvements? Concerned it will take too much time to find professionals experienced in optimisation of manufacturing processes?

You couldn't be further from the truth! Our experienced teams make optimisation work efficient and disruption-free. So if you want a team of professionals to help you, not only by showing you how to optimise your processes, but by actually implementing our recommendations, don't hesitate to let us know! We are experienced in implementation works, and have completed projects for companies on six continents.

Our specialists



Jason.Quarberg@ttpsc.com

Jason Quarberg
Business Development Manager



Adam.Gasiorek@ttpsc.com

Adam Gąsiorek
Chief Technology Officer

