



INDUSTRY 4.0 SOLUTION

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INDUSTRY 4.0 SOLUTION

Improved work environment with integrated online repository
Fully documented work procedures and tasks execution

TRANSFORM YOUR ENTERPRISE

AR/VR platform supporting industry workers
New modern adaptive work environment

DO IT YOURSELF

Solution in the hands of customer
Flexibility for changes

BETTER QUALITY OF WORK

Enhanced quality of work by online information support
Reduced time for learning and adaption time

HANDS-FREE

Work related information in every situation

FAILSAFE

Interactive guidance through work order execution



KEY I3D INDUSTRIAL SERVICES

I3D-WF -- Workflow editor

Definition and/or update of workflows: Work locations, actions, events, resources, tools.

I3D-WO -- Work order management

Composition of work orders from defined workflow types. Schedule and Assigning work order to worker(s).

I3D-LE -- Work order learning

Delta learning of work order in VR (virtual reality) smartglass mode

I3D-WE -- Work order execution

Execution of work order in AR (augmented reality) smartglass mode

I3D-WR -- Work order completion reports

Work order results reports by steps and actions (worker multimedia inputs)

OPTIONAL I3D INDUSTRIAL SERVICES

I3D-RA -- Remote assistant

Online remote support for technician / worker in work order execution (I3D-WE)

I3D-OR -- Object recognition

Recognition of an object (machine, product) from a set of object samples

I3D-NW -- New worker learning

Offline VR learning of workflow by a new worker. Test capabilities of worker.

I3D-ML -- Multilanguage

Working language(s) and local company settings

I3D-VT -- Industrial virtual tour

VR presentation - virtual tour of plant (Smart glass and desktop).
Navigation to work order locations.

I3D-MW -- Multiply workflow management

Workflows managed by events based on workers' inputs set during their work order executions

I3D-OC -- Optical character recognition

Value inputs to work order can be collected from OCR, barcode or QR code

I3D-AR -- Alarm receiving centre

Two-way live video streaming, with availability to connect to third party video streaming server

I3D-AP -- Interfaces / connectors

APIs to connect with ERP (SAP, Oracle) and process control systems (IoT) of Client

CLIENT SUPPORT SERVICES

I3D-S0 -- Pilot use case service

Technical assistance in pilot use case selection, design and implementation (max. 2 months) – free

I3D-S1 -- Trainings of client team

Web meeting and on-site trainings of shop floor managers, technologists and workers

I3D-S2 -- Help desk services

7/24 help desk services

I3D-S3 -- Custom SW development

SW development in integration of I3D services with client IT systems

