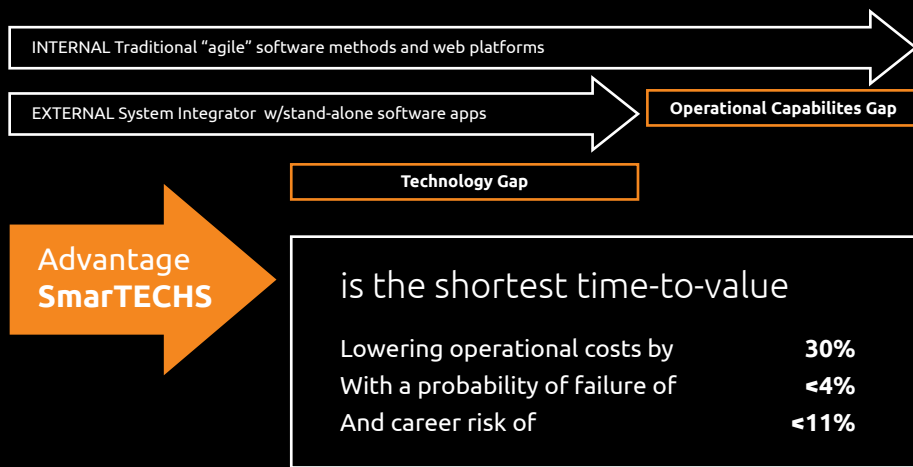# Intelligent Assistance Suite

The Intelligent Assistance (IA) Suite from SmarTECHS enables customers to provision secure pre-configured connected workspaces and micro-learning environments to their field workers, equipment operators and specialist teams.

Continuous micro-improvement of safety and productivity of connected workers is the fastest, most safe and least expensive way of achieving an operational cost reduction of 30% or more.

Blending micro-learning is the missing catalyst.

BOTTOM LINE

INTERNAL Traditional "agile" software methods and web platforms →

EXTERNAL System Integrator w/stand-alone software apps →

Operational Capabilites Gap

Technology Gap

Advantage SmarTECHS →

is the shortest time-to-value

Lowering operational costs by	**30%**
With a probability of failure of	**<4%**
And career risk of	**<11%**

Velocity dividends GAPS SmarTECHS IA Suite C.5

ADVANTAGE SMARTECHS

- Web-scale industrial IoT platform
- Pre-configured workspaces, ready to customize
- Pre-installed on ruggedized headmounted edge computers with hands-free voice controls and SafeSight™ head-up display
- No code same-day versions for rapid prototyping, production trials, and unique user needs
- Outsourced transmediation of legacy content, apps, forms and SOPs
- Ready to certify "cyber safe" and provision to global multilingual users

FEATURED CAPABILITIES

The *whole product* suite for driving **operational cost reductions** through an industrial operations and supply and service chains.

No code platform for provisioning new cost-saving **workflows** and **workspaces** for leaner work crews, remote experts, and co-servicing with equipment operators.

Pre-engineered to **integrate** enterprise IT applications and services and to **consolidate/retire** expensive legacy applications to the SmarTECHS web-scale industrial automation and IoT platform.

Optimized for **safety microlearning** with interactive, rich-media content, offline/self-study or online / onsite, using hands-free head-mounted computers (tablets, laptops, etc).

Zero-touch, **ready straight out of the box** for blended (onsite/remote) inspections, trouble-shooting, one-call repairs, and seamless ticket escalation with integrated eReporting.

Microlearning deliver **ePerformance support** of inspections, troubleshooting, asset repair and integrate eReporting.

SmarTECHS IA Suite
PROVIDES

Connected Workspaces for

Equipment Operators	Industrial Workers	Work Crews	Asset Managers	Compliance Inspectors	EHS Managers	Casualty & Loss Prevention Managers

Harnessing the No-code Configurations of

Hardware	Infrastructure	Software
IA Endpoint Devices	Web-scale Industrial Automation Platform	Utilities
Connected Tools	Adaptive Workspaces	Workflows
Wearable Sensors	Microlessons & Assessments	Integrations
IoT Connectors	Peer Collaboratories	Cybersafety Stack

and Industrial Process Integrations with

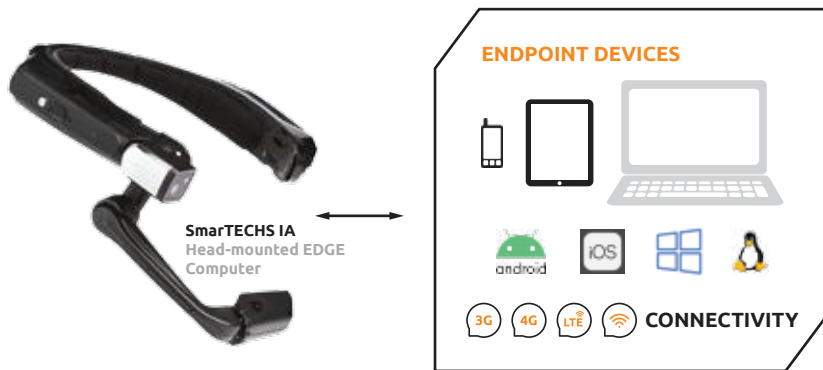| Enterprise Asset Management	Enterprise Service Management	Supply Chain Management	Equipment Lifecycle Management	Industrial IoT

DETAILS

Hardware

SmarTECHS IA Suite **Endpoints** include most industry standard computing devices, featuring the SmarTECHS head-mounted EDGE computer (HEC).

SmarTECHS IA Suite **Head-mounted EDGE Computer** integrate all common endpoint devices, featuring SmarTECHS IA Head-mounted EDGE Computers.

SmarTECHS IA
Head-mounted EDGE Computer

ENDPOINT DEVICES

android iOS [windows] [linux]

3G 4G LTE 📶 **CONNECTIVITY**

SmarTECHS IA Suite **Connected Tools** include a wide range of solutions to collect data from blue-tooth wrench or caliper, endoscope, IR camera and many more.

SmarTECHS IA Suite **Wearable Sensors** include a range of biometric and safety products for monitoring the health and mobility of a technician, weather changes, or hazardous exposures.

SmarTECHS IA Suite **Industrial Equipment** produces and services provide realtime and historical insights for a range of connected IoT devices, products and networks.

Infrastructure

SmarTECHS IA Suite **Web-scale Industrial Automation Platform** provides all of the essential technologies and services to provision connected workspaces across a global enterprise and supply chains as a cybersafe managed service.

SmarTECHS IA Suite **Adaptive Workspaces** enable a customer to configure, test, iterate and certify a broad array of pre-built and ready-to-adapt industrial workspaces.

SmarTECHS IA Suite **Microlessons & Certification** empower line workers with just-in-time, contextual, rich and interactive instructions and built-in automated e-reporting capabilities. This includes time-stamp and user-verified certification of job completion, providing a new level of insights about asset productivity, scheduling, and workload optimization.

SmarTECHS IA Suite **Peer Collaboratories** give workspace designers practitioner-curated collection of insights, tools, worksheets, financial models, presentations, publications, and templates for leading the organization forward.

Software

SmarTECHS IA Suite **Software** memorializes organizational know-how, enabling a collaborative bottom-up continuous improvement process.

SmarTECHS IA Suite **Utilities** provide the building blocks to produce and publish "no code" applications for all major endpoint devices (IA Head-mounted Computer, smart phones, tablets, etc.).

SmarTECHS IA Suite **Workflows** comprise a large and growing number of pre-built industrial workflows and production systems, ready to customize and provision within minutes or hours.

SmarTECHS IA Suite **Integrations** speed the "no code" integration with modern Web services and legacy data systems as well as software apps embedded or installed on IA Headmounted Computers, smart phones, tablets, laptops, PLCs of equipment controls, and situation rooms of Smart Cities, power grids, or government centers.

SmarTECHS IA Suite **Cybersafety Stack** comprises an advanced multi-layer set of security controls, micro-certification of users, and attested policies as well as "red team" attack simulations and brute-force penetration tests … minimizes risk exposures, compliance infractions, and fines and penalties.