agili8

"METS Ignited and Atomic Sky have helped identify resource sector demand for our XRAI Vision™ where front line and remote workers are at risk." Esther Oh, Founder and CEO

agili8 empowers frontline and remote workers through eXtended Reality, Artificial Intelligence and computer Vision (XRAI Vision™) so they are well-equipped, protected and have access to live expert guidance and AI assistance in challenging situations.

The multiple award-winning transformative technologies use lightweight ergonomically designed smart glasses that can morph between Augmented Reality and Mixed Reality applications, coupled with ultrafast AI recognition from voice, voice-to-text, gestures, facial, object and QR/barcodes. Combined with market-leading cyber security, XRAI Vision™ is tailored for hands-free, high-risk, mission critical work where time is of essence and lives are at risk.

The 3D immersive and visualisation capabilities are useful for Mine of the Future planning and training staff in AI simulated environments, making it realistic without occupational health and safety risks like fire-fighting scenarios. With their deep pedigree in supporting hospitals for remote health management solutions, agili8 is also ideal for workers and communities in harsh and remote environments.

Founding the business

Starting with a focus in health and safety while solving skills shortages, productivity, costs, efficiency, and travel restriction problems during COVID lockdowns, agili8 worked with globally renowned elite professors and clinicians to develop practical solutions for lifesaving and time-critical missions, while safeguarding clinicians from exposure to infections and dangerous chemicals and connecting field workers with live access to remote specialists from anywhere in the world.

Demand for the solution for mission critical Defence applications led to the core XRAI Vision™ technologies being expanded for time-sensitive tasks. agili8 is one of the 8 consortiums awarded the $1.2M Defence Annual Cooperative grant. The resources sector has many similar challenges in remote worker risk, dangerous conditions, the need for the highest level of cyber security and digital speed. With this in mind, and expert input from the QuantumTX Program, solutions are being developed for space, aviation, defence, mining, oil & gas, engineering, asset maintenance, education and construction industries.

agili8
Transform Your Vision®

How the product works

XRAI Vision™ integrates sophisticated deep learning, XR, AI and computer vision into one single easy-to-use platform that unifies communications and enables real time data sharing in a secured environment. The modular end-to-end solutions are intuitively Plug&Play, to ensure rapid upskilling to aid skill shortages while improving productivity and efficiency, with minimal down-time and risks.

XRAI Vision™ is built into several modules;

1. Remote Collaboration
Frontliners video-call remote experts who can see what they see in real time, with full situation awareness and can;

- Zoom in, highlight, draw or pinpoint on their vision through the smart glasses, exactly where to start the procedure, for instance and send messages, files, photos and videos via a Live Chat box.

- Record the process using AutoScribe, creating notes for training, continuous improvement, machine learning, quality assurance or legal compliance, therefore reducing administrative burden.

Instead of sending engineers to site, the complete kits are couriered to international sites, saving travel costs and carbon footprint.

2. eSOP (electronic Standard Operating Procedures)
When no human assistance or internet is available, frontliners can voice command task lists, checklists, digital workflows and eSOP to retrieve knowledge on demand, reducing human errors, process delays and paperwork, which is especially useful in uncertain circumstances.

Other modules include advanced AI applications built for specific purposes tailored to different industries.

Using AI for Good

agili8 is a purpose-driven Business4Good, achieving 8 United Nations Sustainable Development Goals.

Working with the Foundation of Indigenous Sustainable Health and other NFPs, they are making quality healthcare accessible and possible with their XRAI Vision™, supporting locums, community nurses and Aboriginal Health Workers working in remote communities with advanced telehealth solutions to close the gap in healthcare inequity.

agili8 won the 2022 #TechForGood Female Founders Grant Challenge in Melbourne, is a finalist for the national AmCham Alliance Award in Artificial Intelligence, and is selected to represent Australian innovation at the world's largest digital health conference, HLTH in Las Vegas.

The QuantumTX METS Program

"The insights and lessons shared by mentors, speakers and peer networks throughout the QuantumTX Program have been invaluable in helping us accelerate our progress. Since the program we have created an additional seven jobs in Perth and filled four of those with AI developers.

Atomic Sky and METS Ignited are helping identify METS partners to help fund the Proof of Value project which will better support care where there are remote and Indigenous communities with healthcare inequity."
Esther Oh, Founder and CEO of agili8

www.QuantumTX.com.au

METS IGNITED

Atomic Sky