

The digitalisation challenge in mining

To encourage trainers to embrace digitalisation – and to put the fun back into training – sts3D has developed a user-friendly training tool, very much like a smartphone – the **sts3D SavvyScreen™**.

The Savvy is an interactive touch screen, a white board, a video library, a document folder, a youtube display device, a 3D simulator, a lesson plan - all in one.

What can you do with the Savvy?

The Savvy helps trainers to become digital champions. It enables them to

- present 2D content in 3D – rotating objects, providing perspectives never seen before
- make abstract concepts come alive, easy to understand – making the flow of gasses visual showing drilled holes, or geological features, from different angles
- present lessons, videos, simulation scenarios and games to engage the learners
- promote peer learning – with groups of learners drawing, planning, playing together
- use clickers to do instant progress checks and assessments for groups of learners.



What can you show on the Savvy?

The Savvy displays

- 3D environments – mines, stopes, sub-stations, waiting places, workshops, rescue chambers, clinics...
- 3D objects – such as vehicles with components, checklists and circuits to demonstrate fault-finding
- simulations games – linked to various virtual environments, with storylines mimicking working life using artificial intelligence (AI to show how to best manage traffic or plan shift activities
- step-by-step protocols – on a split screen, next to the hazard; or with controls overlaying the hazard
- with audio clips, documents, maps, lesson templates, assessment questions and 'drop and drag' quizzes...

readily available at the tip of your finger.

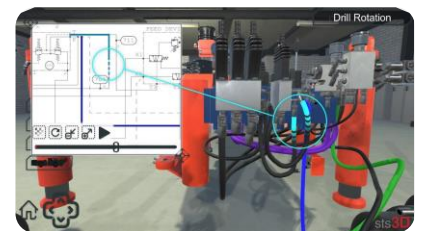
The Savvy is easy to use

The facilitator – and the learners - can

- draw on the screen - to show, for example, how to support a brow
- click on 'hot spots' and zoom in or out to highlight hazards
- open or close ventilation doors, valves, escape routes
- make annotations, insert graphic danger zones or control icons
- use it as a whiteboard to write upon, then capture screen shots for reference...

at the click of a button, or the swipe of a finger, or the stretching of the hand...

instantly, just like your smart phone...



And, YES!, the Savvy links to the cloud

The sts3D SavvyScreen™ app

- has an inventory menu and web links, and can easily connect to the internet
- links to the sts3D XRS platform – for deployment and reporting and recordkeeping
- accesses the STS library – providing access to the visual material and programmes.

Being so versatile, the Savvy is the ideal companion for all your VR devices – headsets, tactile simulators and interactive walls – becoming the pivot of your VR Learning Centre.



Oh, and one last thing...

You can use the Savvy anywhere

at the shaft entrance, the waiting place, the underground workshop...

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