



GammAware 3D Radiation Imaging

H3D® GammAware is an add-on to H3D imagers to perform Simultaneous Localization and Mapping (SLAM). The combination of mapping and radiation imaging overlays radiation hot spots onto a 3D model of the scanned area.

GammAware can utilize existing H3D gamma-ray imaging systems:

- H Series (ex. H100, H400, H420)
- M Series (ex. M100, M400)

Create images and radiation maps enabling virtual navigation around the area. New capabilities can be unlocked, such as:

- Improved source-term maps and dose-rate visualization tools
- Shielding evaluations
- Tools for time-motion ALARA dose estimations
- Accurate characterization for waste shipments and storage



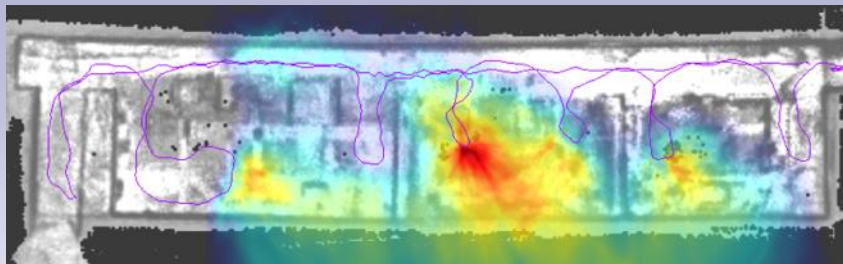
Whether you are looking to improve the information presented at pre-job briefings or assist in ALARA works plans, GammAware can provide the necessary tools.

New features are under development, so connect with H3D to steer the product to your exact needs.

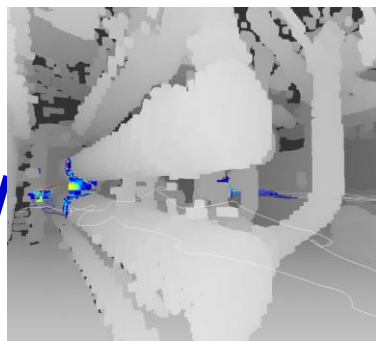
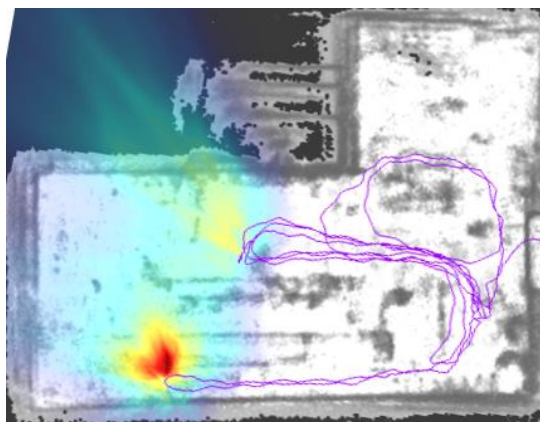
GammAware Quantification Results

GammAware generates a 2D map, a 2D path, and 2D radiological information, all in real time. In post processing, GammAware generates a 3D point-cloud virtual-tour file with radiological information overlaid.

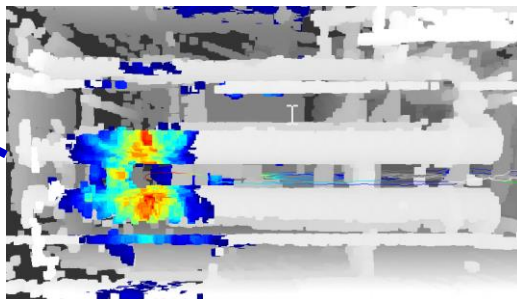
*Measurement of three charging pump cubicles
Total survey time – 3 minutes*



View the 2D radiation map...



*...or fly through a
full 3D view to gain
extra perspective*



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