SABLE

KTNI
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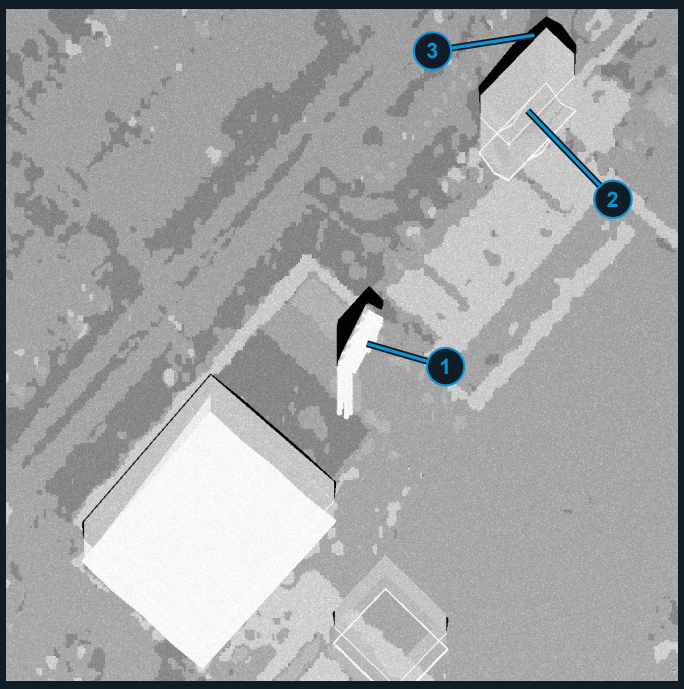
Synthetic Aperture Backscatter and Layover Engine

Add SAR-style imagery to your simulator.

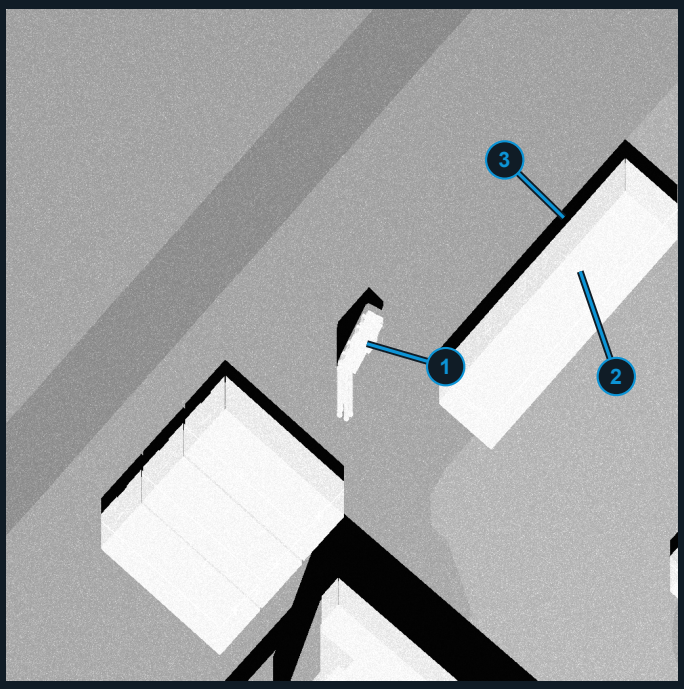
Synthetic aperture radar (SAR)-style training imagery using CDB or X-Plane scenery and live simulator entities.

Contact KTNI for licensing and integration inquiries.

CDB



X-PLANE



1 Simulated vehicle 2 Building return 3 Radar shadow

Actual SABLE imagery generated from CDB and X-Plane scenery. Scene detail varies with the scenery source.

Choose your scenery

Use CDB or X-Plane terrain, surfaces and buildings through one image service.

Include live entities

Map simulator entity updates and configured models through CIGI 3.3.

Review the results

Replay requests and inspect saved imagery to support integration.

Control deployment

Run on Windows and configure image appearance and processing resources.

See SABLE in your simulation workflow.

Request a demonstration using your simulation scene.

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Synthetic Aperture Backscatter and Layover Engine

Built for simulation workflows.

A standalone Windows image service for SAR-style training imagery, using CDB or X-Plane scenery and simulator entities.

512-8192
pixels square

CDB / X-PLANE
Selectable scenery sources
CIGI 3.3 entity input

For scenes of average density, most 8K images are generated in under 10 seconds.

Integration tools

Replay image requests and review saved output when connecting SABLE to your simulator.

Deployment requirements

Windows x64, a multi-core CPU, SSD and IPv4 UDP are required. The customer supplies authorized scenery and entity models; hardware and data/model licenses are separate.

Product fit and limits

SABLE generates SAR-style training imagery. It does not reproduce a specific operational radar or process raw radar signals. Image detail and generation time depend on the scenery, scene complexity, selected resolution and hardware. Contact KTNI to confirm compatibility with your scenery.

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