

# Psionic SurePath delivers reliable navigation in challenging or real-world environments

Psionic SurePath can operate in a wide range of weather, terrain, or other environmental and man-made conditions (such as spoofing and jamming) and is more accurate than other navigation solutions which are subject to drift errors. As a self-contained unit that doesn't depend on external signals of any kind, Psionic SurePath delivers reliable navigation information even in the most challenging conditions.



### In real weather conditions

- Extreme cold
- Extreme heat
- Driving rain and fog



### In varied terrain and surfaces

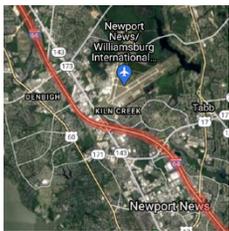
- Incline / switchbacks
- Dirt / sand / gravel
- Ice, snow, standing water
- Tall grasses / swamps



### In complex environments

- Tunnels / dense canopies
- Urban or natural canyons / vast deserts
- Man-made electronic disruptions (jamming, spoofing, etc.)

## Self-contained navigation



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Psionic's SurePath™ technology is a self-contained system that provides precision navigation without GPS or any other incoming signal. As such, it operates independently allowing a vehicle to navigate without GPS. It cannot be spoofed and is extremely difficult to jam.

Starting from a known point and used in combination with an existing IMU or other navigation system, Psionic SurePath™ technology corrects for the accumulated error that results from IMU-based navigation systems when they aren't able to get an external update to their current position via GPS or other GNSS.

**Psionic SurePath technology ensures precise navigation over long distances even when GPS or other external signals are not available or can not be trusted.**



Psionic SurePath Processor  
Development Unit, Gen. 5  
(reduced SWaP, specifications to come)

## Psionic Defense

[psionic.ai/defense](https://psionic.ai/defense)

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