

PROCITEC®

 **DataShapesAI**



go2signals

ClassifAI

AI-Enhanced Signal Classification for Modern EW & SIGINT

A large banner with a dark red background. On the left, the letters 'AI' are in a large, bold, white font. To the right of 'AI', the text 'go2signals' is in a white, lowercase, sans-serif font. Below 'go2signals', there is a white icon of a stylized 'S' or 'D' shape, followed by the text 'DataShapes AI' in a white, bold, sans-serif font. The background features faint, glowing circuitry and data lines.

AI go2signals

DataShapes AI

ClassifAI

In modern electronic warfare, dominance depends on understanding the electromagnetic spectrum faster and more precisely than the adversary.

PROCITEC's **go2signals**, powered by **DataShapes AI's GlobalEdge Learning**, introduces **ClassifAI** — a new level of AI-assisted signal classification designed to expand wideband intelligence capabilities.

ClassifAI enables operators to rapidly label, train and re-identify new and unknown signals combining the analytical precision of go2signals with adaptive machine learning.

WHY YOU NEED IT

The number of signals in the spectrum continues to grow and evolve: As a result, the signal environment becomes more complex and harder to understand — And the number of unknown signals is rising, too.

Operators can only keep an overview and identify which signals really matter when even unknown signals are recognized and organized in the same of automation level and speed as known signals.

To meet this need, **ClassifAI** combines human expertise with adaptive AI. It continuously detects, classifies, and learns from even unknown signals.

ClassifAI forms a flexible, military-off-the-shelf solution to react to new or changing signals. Fast, easy, and on-site.

BENEFITS

- **Accelerated Threat Recognition:** Train the system on new or unknown signal types.
- **Operator-in-the-Loop Assurance:** Human judgment remains the ultimate safeguard.

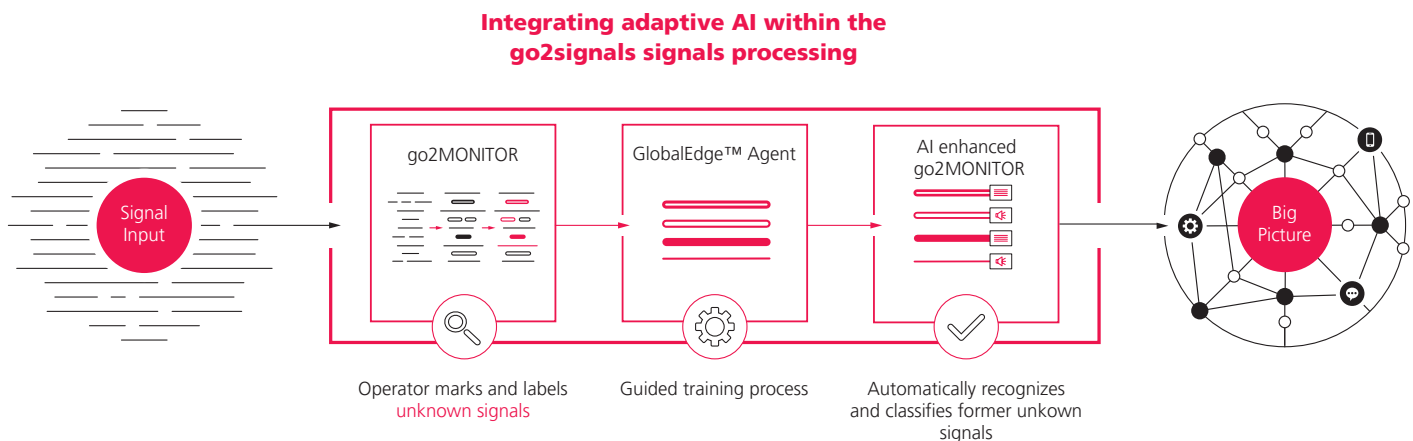
HOW IT WORKS

ClassifAI integrates adaptive AI directly within the go2signals ecosystem. When the system detects an unknown signal, the operator simply marks and labels it within the familiar **go2MONITOR**'s spectrum view. This action initiates a guided training process managed by the **GlobalEdge Learning**, where the AI learns the unique characteristics of the signal.

In just a few minutes, the training process is complete, **go2MONITOR** — now enhanced by AI — automatically recognizes and classifies that signal in future sessions applying the operator-defined name and parameters.

The system continuously evolves as each new trained signal becomes part of an expanding signal library.

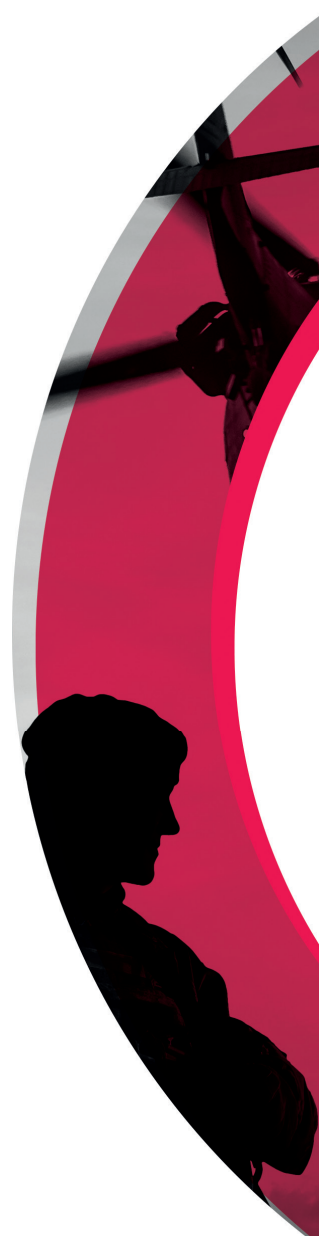
The **GlobalEdge Learning** is fully integrated into the **go2MONITOR** ecosystem, maintaining the familiar user interface and analytical workflows operators already trust. No extra software, no new interface. Just AI power where you already work.



KEY ADVANTAGES

- **Operator-Guided Learning:** The user defines, labels, and initiates learning for new and unknown signals.
- **AI-Enhanced Recognition:** The trained **GlobalEdge Learning** enables **go2MONITOR** to automatically detect learned Sol in real-time operations.
- **Continuous Capability Growth:** The system's signal library expands dynamically as new and unknown signals are discovered and trained.
- **Easy to train — no expertise required.** Operators can train ClassifAI new signals directly during live missions.
- **Integrated directly into go2signals** signal analysis and classification workflows.

- **Adaptive Capability:** The system learns and evolves with every engagement.
- **Trusted Performance:** PROCITEC precision meets DataShapes AI intelligence.



PROCITEC®

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