



NAUTICAL CHART SUPPORT

COMPLETE SITUATIONAL AWARENESS IN T.REACT CIP

Unified Situational Awareness for Critical Infrastructure

Modern critical infrastructure increasingly spans both land and maritime domains, requiring a unified operational overview. T.react CIP is a scalable solution that enhances situational awareness and security across large, complex areas. It enables real-time threat detection, tracking, and assessment, supporting faster decision-making. The system integrates seamlessly into existing security infrastructures and can be extended with additional features as needed such as Nautical Chart Support.

Unified Maritime View

With the Nautical Chart Support feature in T.react CIP, operators gain a unified view of maritime environments on the PoA (Point of Activity) screen, enabling faster and better-informed decisions in complex situations.

The capability is a GIS-based (Geographic Information Systems) tool designed for nautical charting that visualizes maritime data such as sea depths, aids to navigate, and coastal features. Available as an add-on across different T.react CIP options, it enhances situational awareness, safety, and decision-making.

Challenges Nautical Chart Support help solve:

Missing maritime context on the PoA

Nautical Chart Support integrates maritime data (symbols, depth, objects, buoys, lighthouses and ferry routes) directly into the map

Information overload making it hard to see what matters

Dynamic zoom and level-of-detail ensures only relevant data is shown

Cluttered maps when working across large areas

Icons and details adapt to zoom level, reducing visual noise

Limited insight in coastal or offshore areas

Nautical Chart Support provides full visibility using ENC (S-57 and S-63) maritime data, including aids to navigate, and coastal structures directly in the PoA



Key Benefits

- **Enhanced Operational Awareness:** Sea overview with maritime data in the PoA.
- **Reduced Cognitive Load:** Shows only relevant information based on zoom level.
- **Intuitive User Experience:** Easy to use with simple zoom and 2D visualization.
- **Seamless Integration:** Integrated into T.react CIP as an add-on.

Requirements Description

GPU	A GPU is required for acceptable performance, as the system does not perform well without one. A general-purpose GPU is sufficient, and no special requirements are needed
S-57 and S-63 ENC data	Customers must provide relevant nautical chart according to S-57 or S-63 ENC format
T.React CIP Corporate or later	Only an add-on feature for the corporate workstation with 4 screens.

Built to scale with your mission

This feature is crucial for your T.react CIP system when monitoring maritime areas. Nautical Chart Support delivers unified situational awareness through maritime information brought directly into the PoA. It integrates seamlessly with existing sensors, tracks, and workflows and supports faster and more informed decision-making.

- Available for CIP C2 Core
- Available for CIP C2 Advanced
- Available for CIP C2 Prime

Note: The system is not an ECDIS and must not be used for navigation