

# opsis

## PortSuite

### Port Control | Digital Platform

A unified digital backbone for ports, marinas and port authorities.

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## Simplifying Operations Optimizing Performance

[This project is carried out within the framework of the "Development of Digital Products and Services" programme of the National Recovery and Resilience Plan Greece 2.0, funded by the European Union – NextGenerationEU.](#)

# The Port Management Gap

When systems become digital, but the operating picture remains fragmented.

**Ports and marinas now use multiple digital tools. The problem is that each tool shows only one part of the operational reality.**

**01 Revenue leakage**

Manual billing, delayed charges and disconnected financial flows.

**02 Slow decisions**

Management waits for reports instead of having a live operational view.

**03 Compliance pressure**

Security, environment and audit trails require documented evidence, not fragmented files.

**04 Operational silos**

Operations, finance, security and field teams often work through parallel channels.

**What is needed: one trusted Common Operational Picture that connects operations, finance, compliance and data.**

# The solution: opsis PortSuite

Clarity over complexity.

**opsis PortSuite unifies teams, processes, financial data, compliance and operational intelligence in one modular platform.**

It turns fragmented information into a Common Operational Picture: a live, shared and documented view for management and operational teams.

Operations

Billing

ISPS

Waste

IoT + BI

## COMMON OPERATIONAL PICTURE

one picture • one flow • one decision base

**Faster decisions  
Better visibility  
Measurable performance**

# Modular architecture

Activated progressively. Unified by design.

The platform acts as a digital backbone. Each module can be activated independently, while all of them feed one shared view of operations, revenues, infrastructure and compliance.

● **Port Control Center**  
Port Billing & Commercial Ops

● **ISPS & Security Operations**  
ISPS & Security

● **IoT Platform**  
IoT Smart Port Layer

● **AI Predictive**  
Forecasting & anomalies

● **Marina Management**  
Marina Billing & Operations

● **Waste Management Billing**  
Waste Management

● **Port BI**  
BI & KPIs

● **Issue Tracking**  
Issues & workflows

You are not buying “just another application”. You are building a shared operational backbone that can expand according to the real needs of your organization.

# From data to management value

IoT, BI and AI layers that make operations measurable.

## 01 Port Sense IoT

Smart water/electricity meters, environmental sensors, video analytics and automated alerts for real-time operational awareness.

## 02 Insights BI

Role-based dashboards, KPIs, ad-hoc analyses and reporting for management, financial monitoring and operational performance.

## 03 AI Predictive

Predictive maintenance, demand forecasting, anomaly detection and forecasting support for better planning and faster response.

### Dashboard Snapshot

95,356

Boat / Ship Count Y2Y

Weekly revenue balance



Costs / fees mix

Average berth occupancy



# KPIs that speak to management

Critical metrics are not just technical indicators — they are decision-making tools.

## Financial & operational

Occupancy % by zone  
Revenue / berth / day  
Vessel turnaround time  
DSO & disputed invoices

## Technical & environmental

MTBF / MTTR  
Preventive maintenance %  
Waste cost per ton  
MARPOL compliance

## Security & compliance

Incident response time  
SOP compliance %  
Access violations  
Audit trail completeness

## AI & COP performance

Forecast accuracy (MAPE)  
Anomaly detection  
COP availability  
Operator reaction time

The value: less intuition, more evidence. Every decision can be connected to operational, financial and regulatory data.

# Value by role

One shared system. Different benefits for each stakeholder.

## 01 Management

Live visibility of financial, operational and sustainability KPIs. Faster strategic decisions with evidence and transparency.

## 02 Operations

Coordinated workflows and better management of berths, incidents, issues and daily operational tasks.

## 03 Finance Department

Better control of charges, fees, concessions and revenue flows. Fewer errors and reconciliations.

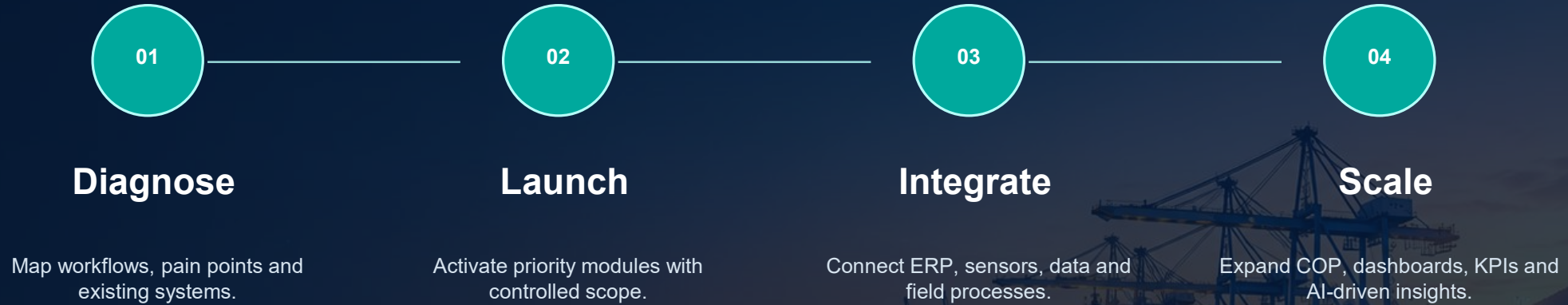
## 04 Compliance / Security

Traceable processes for ISPS, waste, incidents and audit readiness, with clearer documentation for inspections.

**PortSuite does not replace governance.  
It strengthens it — by making daily activity visible, measurable and actionable.**

# Deployment roadmap

From the first use case to a scalable operational model.



**Goal of the first meeting: define the first high-value use case and a realistic transition plan.**

Next step

# Bring your port into one picture.

Let's design your first practical digital transition roadmap together: from the right starting module to the full Common Operational Picture.

Book a short presentation / demo

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