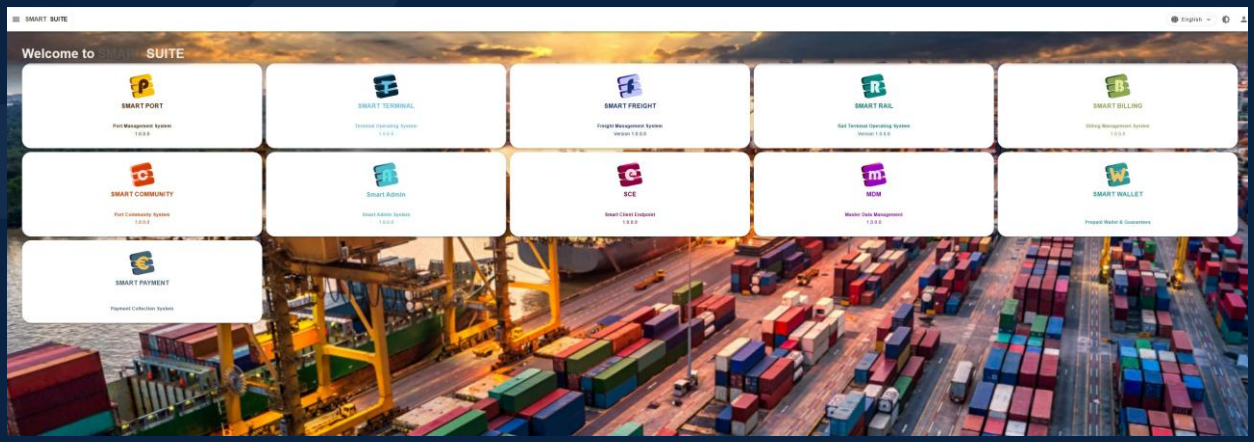
PTS PORT & TERMINAL SOLUTIONS



Your terminal.
Your challenges.
Our expertise.

Practical software and personal support for ports and terminals.

Founded in 2006, Port & Terminal Solutions (PTS) combines hands-on port and terminal expertise with modular software, consulting, implementation, integration, training and long-term support. One partner, from the first study to everyday operations.



Tailored operations
Modular software shaped around the way your port or terminal actually works.

Flexible system integration
Connects to the systems and data flows you already have - nothing is replaced for the sake of it.

Personal, long-term partnership
A small, agile team that stays with your people beyond implementation.

16+
Deployments worldwide
At ports, terminal operators, rail and logistics companies in more than 5 continents.

BE · TR
Headquarters & subsidiary
Belgian headquarters, development subsidiary in Turkey.

ISO 9001
Certified
Quality-managed processes from analysis to support.

What we build - Smart Suite

Smart Suite is PTS's modular software platform for ports, terminals and logistics. Every module runs on its own; together they form one connected system with shared users, master data and finance.



Smart Port

Port management: vessel calls, line-up, berth planning, marine services and AIS monitoring.



Smart Rail

Rail terminal planning, train and wagon movements, coordinated with terminal operations.



Smart Billing

Contracts, tariffs, automated charge calculation, invoicing and financial reporting.



Smart Payment

Online payment, top-up and refund - card, Bancontact and bank transfer, with any PSP or bank.



Smart Client Endpoint

Mobile and handheld execution for field teams at the gate, in the yard and on equipment.



Smart Master Data Management

One trusted set of master data: companies, vessels, locations and services.



Smart Terminal

Terminal operating system: cargo, yard, gate and equipment workflows with live operational views.



Smart Freight

Freight forwarding and trucking management across all transport modes.



Smart Wallet

Prepaid wallets for port and terminal services: balances, reservations, guarantees and statements.



Smart Community

Port community system: service requests, status updates, documents and stakeholder interaction.



Smart Admin

Users, roles, access rights and single sign-on across every module.



Smart Insights (preview)

Dashboards for equipment, workforce and operational KPIs, built on data the suite already collects.

A common platform. Room to grow.

Every module runs on the same foundation, so a port can start with the functions it needs, connect them to existing tools, and add capabilities as operations grow.

1 · Platform
Shared administration and master data underpin every module.

2 · Operations
Port, terminal and field activity captured where the work happens.

3 · Billing & payment
Operational activity flows into proformas, invoices, wallets and payments.

4 · Community
Customers and external systems join the workflow through the portal, APIs and EDI.

Everything a growing port needs.



Unified database



Real-time integration

API-driven connections



Cloud readiness



Multi-terminal support



Multi-port scalability

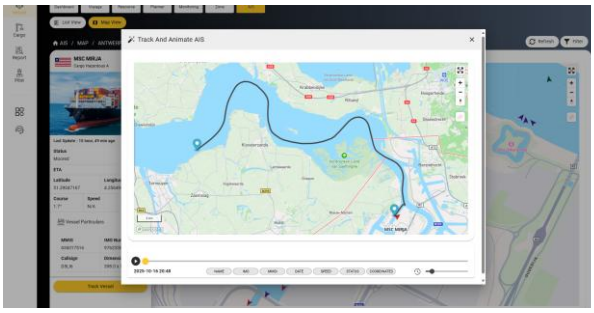


Enterprise-grade security

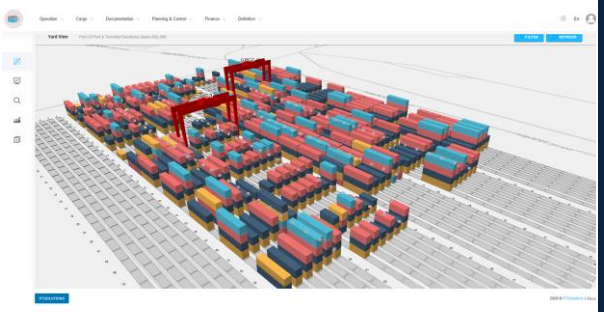


Business intelligence

Built for Real-World Operations

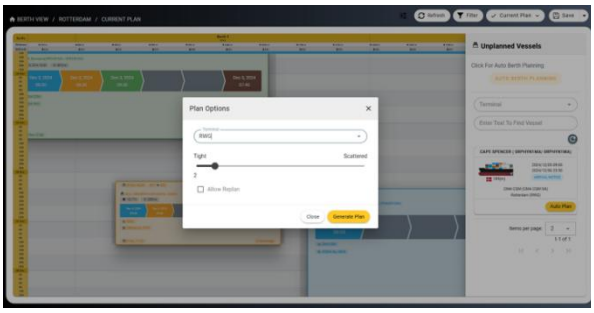


Real-Time Vessel Tracking & Port Monitoring

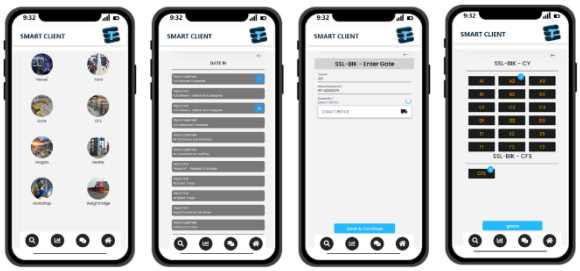


3D Terminal & Yard Visualization

Berth Planners & Yard Operators in Action

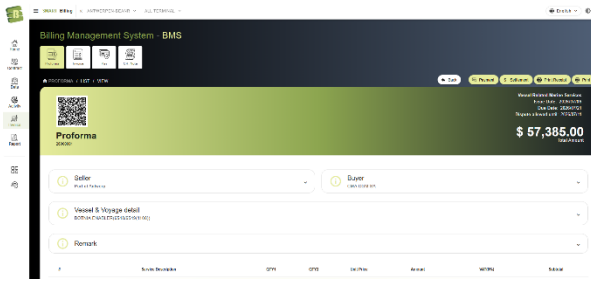


Intelligent Berth Planning & Vessel Scheduling



Seamless Gate & Yard Operations on the Go

From Invoicing to Digital Payment

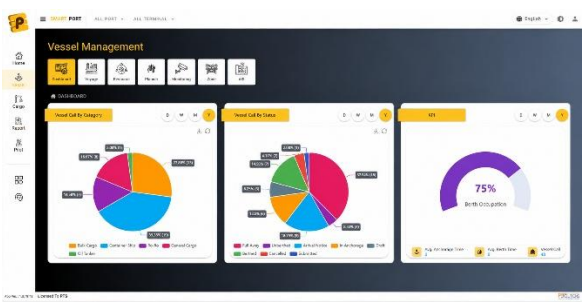


Smart (Pre-) Invoicing with Instant QR Access

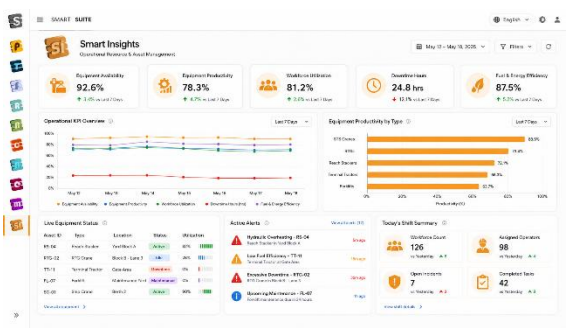


Scan, Pay & Track – All in One App

Turning Data into Smarter Decisions



Real-Time Vessel & Operational Insights



Smarter Asset & Resource Management (Preview)

Our services - From first plans to everyday operations.

Founded in 2006, PTS combines hands-on port and terminal expertise with practical software solutions and personal support. From initial feasibility studies to implementation, training and long-term support, we help turn operational challenges into lasting improvements.

Plan. Optimize. Implement.

Port feasibility studies
Assess operational, technical and commercial feasibility.

Port and terminal planning & design
Shape layouts, systems and operating models around business needs.

Process & equipment optimization
Identify bottlenecks and opportunities to improve performance.

Terminal business planning
Align business objectives, processes and planned investments.

Turnkey automation solutions
Bring software, equipment and operational workflows together.

Total project implementation
Coordinate setup, integration, testing, rollout and acceptance.

Procedural & operational reviews
Review current ways of working and recommend practical changes.

Alongside your team - support through every stage.

Project management
Planning, stakeholder coordination, documentation, resources and progress reporting.

Training
Tailored on-site and online training, theoretical and hands-on, for your teams.

Project implementation
Installs and configures custom or off-the-shelf systems, with on-site help during go-live and support for adopting the change.

Technical support
Round-the-clock help, multi-level issue escalation, documentation and troubleshooting guidance, through our Service Desk.

Why choose PTS? Personal support. Flexible solutions.

A small, agile team means a personal approach and responsive support. Our services adapt as your needs change - from the first consultation through ongoing improvements after go-live.

Personal approach
You work with the people who build and implement the software - not a ticket queue.

Responsive support
Responsive assistance and multi-level escalation through our Service Desk.

Grows with you
Start with one module or one terminal; add capabilities and ports as operations grow.

Connected by experience.

Ports, terminal operators, rail and logistics companies in Europe, Africa, the Middle East, Asia and Oceania.

Port of Nouakchott - A digital platform, delivered together

A modern digital platform marks an important step in PANPA's modernisation, supported by the shared commitment of the port and P&T Solutions teams. **Successfully launched on April 2026**, the Smart Suite platform integrates **Smart Port, Smart Community and Smart Billing**, streamlining port operations, enhancing stakeholder collaboration and automating billing processes.

> *It is thanks to this shared commitment and spirit of collaboration that we were able to bring this project to completion under good conditions.*
>
> **Mohameden Bah**
> IT Director, Port of Nouakchott (PANPA)
> *Translated from French*

Your partner in digital transformation

Tell us about your operations. We'll help you explore the right solution - a tailored demo, a specific module or a wider transformation programme.

How we work with your team

Discover & design	Understand your objectives, review processes and define a realistic solution scope.
Build & implement	Configure and integrate systems, validate with users, prepare training and go live.
Support & improve	Knowledge transfer, responsive support through the Service Desk, and continuous improvement.

Let's talk about your terminal

YOUR TERMINAL. YOUR CHALLENGES. OUR EXPERTISE.

Discuss your operations and priorities with our team. Explore a tailored demo, a specific module or a wider transformation programme.

Ready to take the next step? Contact us!

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