



An award winning provider of digital trade solutions, **Maqta gateway** is the developer and operator of maritime solutions such as the first Port Community System in the GCC region and Single Window of Abu Dhabi



50+

awards
won since
2016



25+

port
terminals
digitized



700+

top experts in
digitization and
industry



20+

years experienced
experts in PCS
development and
implementation



PCS

PORT COMMUNITY SYSTEM

Maqta Port Community System (mPCS) is a centralized electronic platform that enables intelligent and secure information exchange, providing an integrated solution to deliver value to all port customers and stakeholders



Reduced physical documents



Streamlined processes



Faster time to response



Key operational data available for analysis



Efficient port operations with digitization

Our Credentials



Trusted by

15

ports globally
and counting



THE WORLD
BANK

Implemented in a

Top 3 port

by container
processing efficiency¹

¹ According to Container Port Performance Index (CCPI) in 2022

mPCS in the Top 3 most efficient container port



Abu Dhabi, UAE

Initial implementation 2015 – 2016

2016

Continuously improving since

over 80%

of customer feedback implemented

Challenges

Manual processes and response delays from:

- Manual submissions to multiple parties, physical documents to offices, etc.
- Manual checks and data entry for cargo data and documents
- Multiple systems to access for submission of data and documents

High truck turnaround time from terminal congestion due to a lack of an appointment process and manual gates

No real-time visibility of port performance data

Key Objectives

Reduce preparation time and improve response rates through port process digitization:

- Electronic forms and online submission
- Integration with external systems such as TOS, PMIS

Improve efficiency of approvals with automated data entry and checks:

- Connected to international master data to auto populate vessel information with IMO number
- Logical checks for missing / incorrect information

Reduce congestion in terminals with digitized appointments & automate gates:

- Schedule truck appointments online with time slots
- Integrated OCR to read container number and truck vehicle plate at gates

Provide full, real-time visibility of port operations & KPIs with BI dashboards:

- Executive leadership dashboards
- Trends analysis and forecasting

Key Results

▼ **88%**

Time savings

▼ **2M** pieces/year

Reduced paper copies

▼ **1M** visits/year

Reduced physical visits

▼ **665K** tons/year¹

Reduced carbon emissions

mPCS not only simplifies our work, but also gives us a clear view of real-time data, allowing us to make decisions quickly

*Operations Manager
Global Top 3 Freight Forwarder²
Khalifa Port*

¹ Based on internal data and estimations
² Based on global TEU volume

Stakeholders who benefit from mPCS's operational efficiencies



Shipping lines



Port authorities



Custom authorities



Shipping agents



Freight forwarders



Terminal operators



Custom brokers



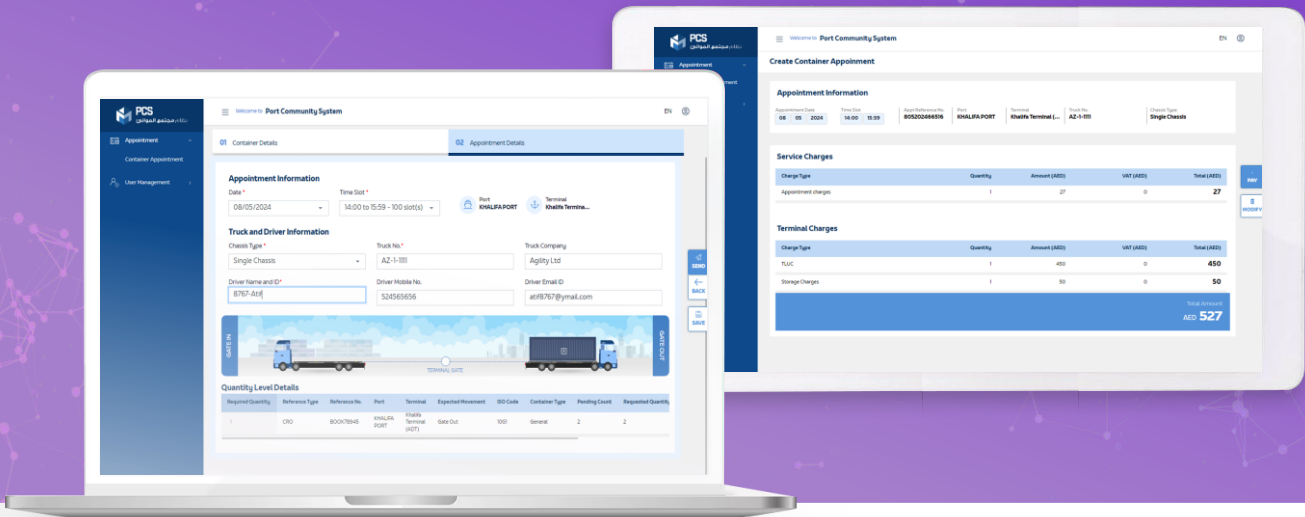
Traders



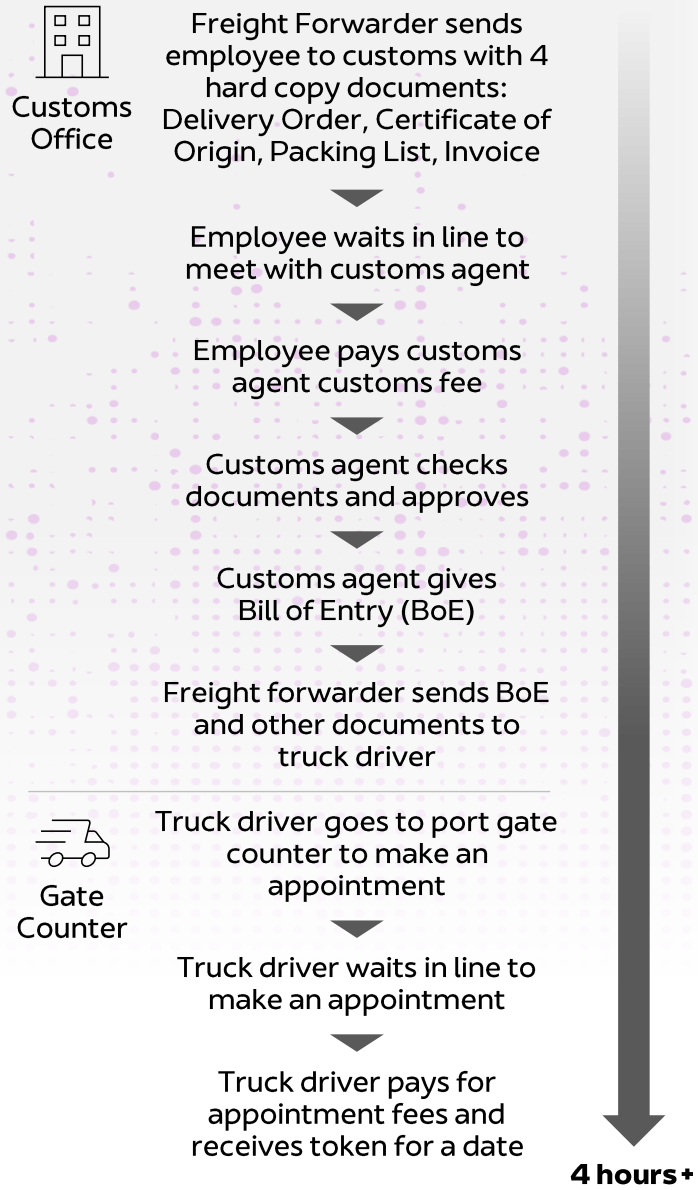
Railways



Government agencies



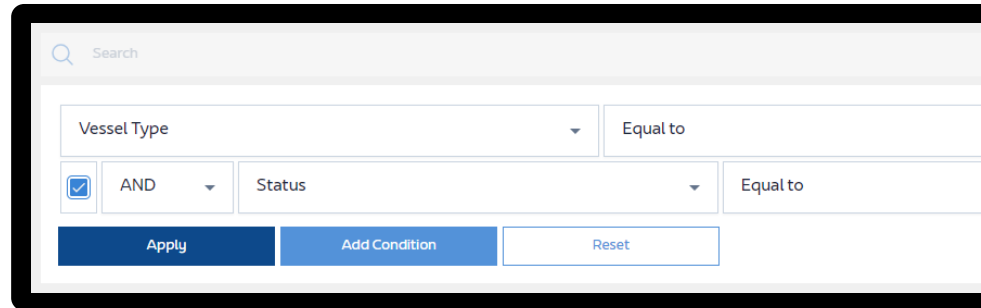
Scenario: Import container pick up
Without PCS



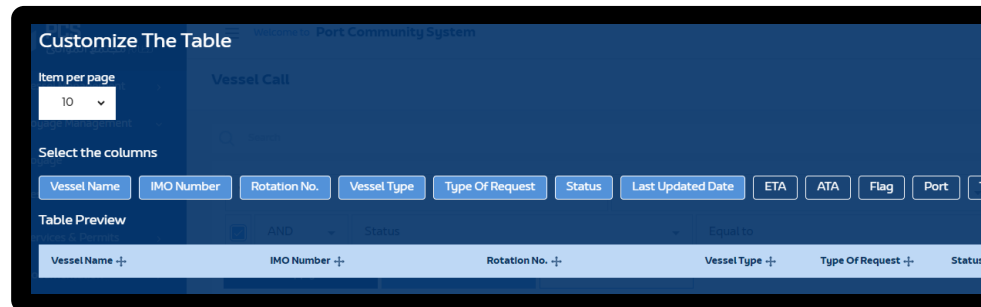
UI/UX suitable for all types of roles

We understand that stakeholders have different styles of working. Hence, we developed a user interface and user experience that adapt to the needs of different roles.

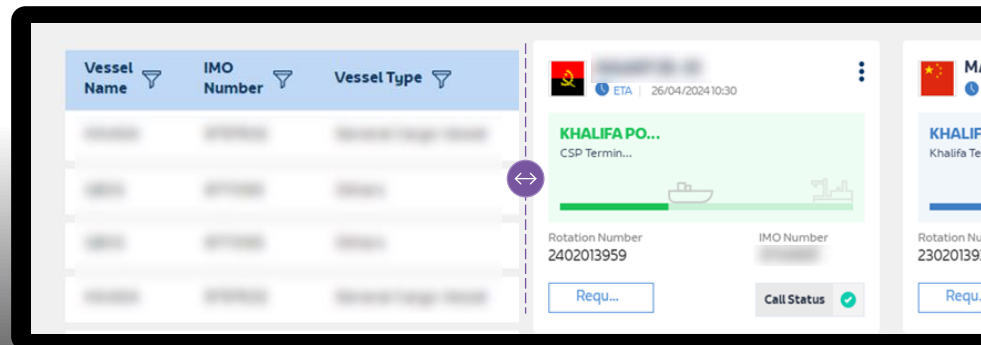
- ✓ Advanced search to find results in seconds



- ✓ Customizable table to suit your specific purpose



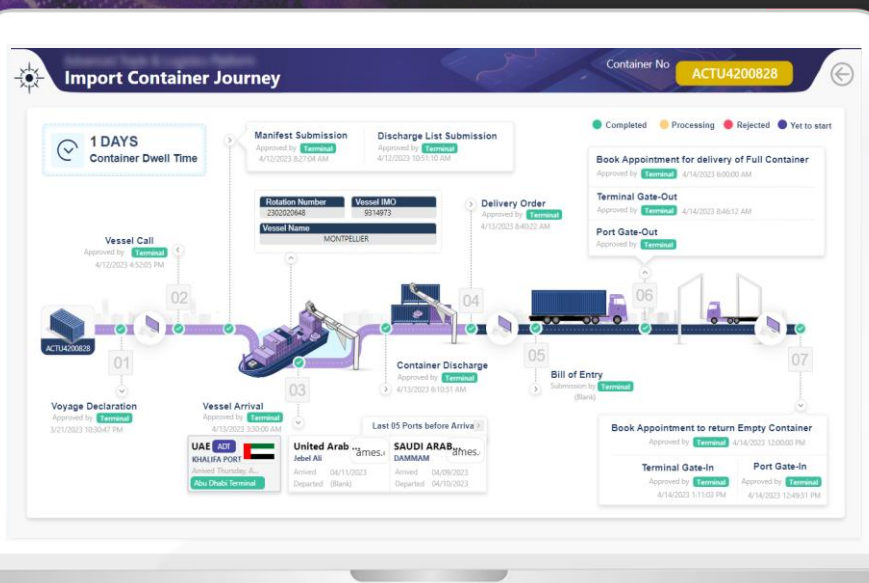
- ✓ Interchangeable between table and card view



Valuable Insights at a glance for users

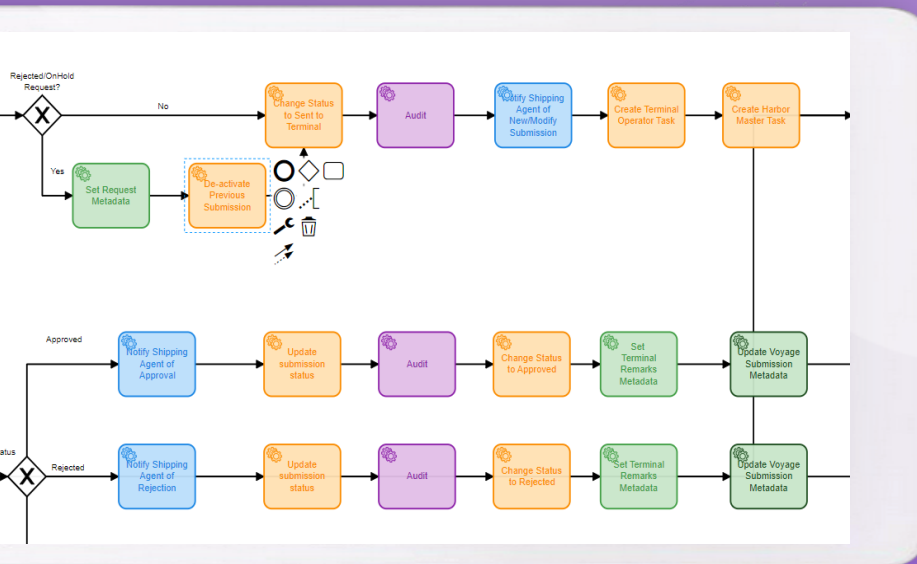
Overview of operations in a single view that helps to understand the past and current performance

- ✓ Enables data driven decision making
- ✓ Real-time
- ✓ Stakeholder-specific



Fast and easy customization

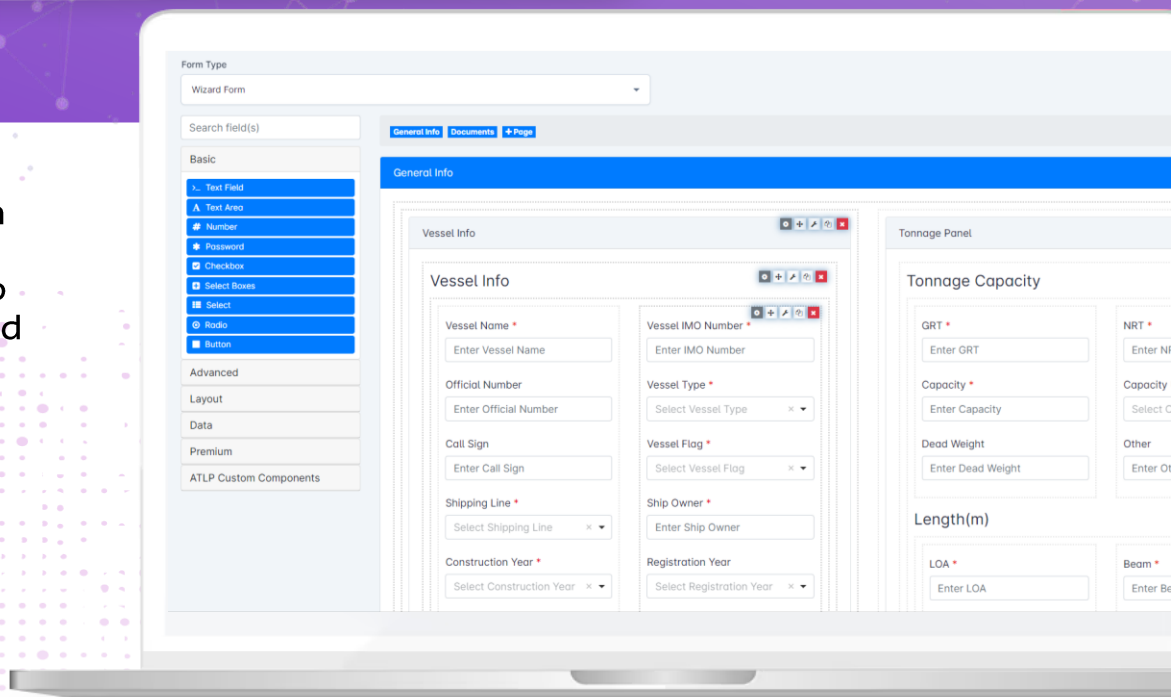
Port processes' workflow design and customization is fast and easy with mPCS BPM workflow builder and smart forms



BPM Workflow Builder
Drag & drop process diagrams to build and deploy workflow into production

Smart Form Builder

Drag & drop fields to build and deploy forms into production




Best practice processes

You are empowered with a library of 30+ best practice processes built from Maqta's experience



Customizable

Customize any process or form to fit your port's practices and requirements



Drag & drop

No-code interface allows developers to drag and drop process components and fields instead of coding



Seamless deployment

Processes and forms are automatically updated in the back end seamlessly



For more information, please contact our team at mg.commercial@maqta.ae

United Arab Emirates

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Gate 1 Zayed Port
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