



12.13.2024 | Florian Röthlingshöfer, Director Port of Switzerland

RPIS – Rhine Ports Information System



DANUBE COMMISSION Expert Meeting on Development of Ports and Port Operations



Schweizerische Rheinhäfen | 2





Port of Switzerland

- Promotion of navigation on the Rhine
- Switzerland's gateway to the world and national logistics hub (Water–Rail–Road)
- Swiss Rhine Navigation Authority (enforcement of national and international law)
- Landlord & Infra-Owner





Port of Switzerland | 4

In the heart of Europe

Multimodality vital for Inland Ports



RHEINPORTS



RPIS – RiverPorts Planning and Information System:

Develop RPIS into the standard Port Community System for inland ports in the European hinterland to gain efficiency for our sector.

WE CONNECT) INLAND WATERWAY TRANSPORT



Company

RheinPorts GmbH

- → Schweizerische Rheinhäfen
- → Duisburger Hafen AG
- → Port de Mulhouse Rhine (CCI Alsace Eurometropole)

Platform

RPIS - River Ports Planning and Information System

→ 1st Multi Port Community System for inland ports

Products

Services

- \rightarrow User identity & access management
- \rightarrow Interface management & data mapping
- \rightarrow Slot management for cargo barges (container & bulk)
- \rightarrow Slot planning, managing & invoicing river cruise
- \rightarrow Port monitor for inland ports
- ightarrow Customs monitor for customs

Stakeholder & Solutions

For whome we offer which solution





User groups & services

PORTS



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RPIS

- Preview of utilisation of port infrastructure & port services for up to 72h in advance
- Automated registration of incoming & outgoing vessels
- ✓ Automated generation of port fees & statistics
- \checkmark Overview about activities in port
- ✓ Localisation of dangerous goods (in case of any incidents)



User groups & services

BARGE OPERATION



RPIS

- ✓ Voyage & route planning
- ✓ Slot booking & reservation
- ✓ Visibility about capacity and utilisation of terminals
- ✓ Transmission & mapping of loading & discharge lists
- ✓ Visibility about handling progress on a terminal
- ✓ Proactive information about incidences & potential delays on the voyage (NtS)

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User groups & services

TERMINAL OPERATIONS





✓ Planning of terminal slots & activities across all modalities

RPIS

- ✓ Proactive information about delays of barges
- ✓ Reporting of handlings to port authorities
- ✓ Reporting of cross boarder shipments to Swiss customs
- ✓ Automated information regarding potential customs inspection of the freight

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Conclusion I

What we do and what we offer





- ✓ We are neutral, work cost-covering and not profit-orianted
- ✓ We use established technologies to connect all parties digitaly for a better, easier integration to every inland waterway (Rhine, Donau, ...)
- We offer open interfaces with safe and automatic data transformation between all stakeholders
- ✓ We establishe the new digital corridor in hinterland to seaports
- We support all inland ports in their digital transformation to become more ressiliant as an important part of the international supply chains
- ✓ We give inland navigation a voice

Conclusion II

What we want to achieve





- «One-Stop-Shop» for hinterland port services & supply
- CEERIS-Integration (automatic transmission of master and transaction data from RPIS to CEERIS)
- Seaport integration (e.g. ETAs of sea vessels; Gate-IN & OUT messages of sea terminals; Cargo opening windows for containers; Track & Trace; etc.)
- Integration of all modalities (barge, railway & truck)

Our goal:

We digitize inland navigation to integrate it more effiently into logistic chains.

RPIS

The biggest neutral network of inland shipping.





THANK YOU

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/company/rheinports