innovation DrakHAR's rolling out in Rouen

The new regulatory requirements linked to the collection of ship-generated waste and the Single Maritime and Port One-Stop-Shop mean that IT systems between ports and port stakeholders need to be increasingly connected. To meet these challenges and adapt to this new digital environment, the port of Rouen has set up a new PCS (Port Community System) : from November, DrakHAR will take over from the emblematic OpenRive.

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With the implementation of its new **DrakHAR PCS in Rouen**, HAROPA PORT has **taken a further step towards modernising its port information systems for the benefit of its customers and users, and is continuing its digital transition**.

A cutting-edge tool for users

This new Port Community System began to be deployed in Rouen at the beginning of 2023 with the implementation of the ship waste management module.

Since 21 September, **port dues management** has been integrated into the software. At the end of November, **the port of call management module** will be operational.

DrakHAR is a **latest-generation PCS** that uses **new technologies and innovations from blockchain, IoT and big data** to give all port operators better control and management of their supply chain (improved fluidity and traceability).

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Innovation at the heart of HAROPA PORT's strategy

This tool is the fruit of **collaborative work** between HAROPA PORT, the UPR - Union portuaire rouennaise, the USAAR - Union Syndicale de l'Armement et des Agents de Rouen - and software publisher SOGET.

The teams are already working on integrating new functionalities such as:

- environmental data (weather forecasts in particular);
- float monitoring;
- TIMAD hazardous materials management.

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The advanced technology of this PCS will be extended to Le Havre (by 2025) and could arrive in Paris to optimise the management of river calls in the Paris region.