



# QUALITY ASSURANCE MADE EASY

Efficient quality assurance and vetting solutions for logistic and storage operations in the (petro)chemical industry.



In the manufacturing, processing and distributing of (petro)chemical products a great deal of effort and attention goes into quality assurance. 'Product stewardship' implies taking responsibility for the entire chain of logistic and storage operations, to ensure quality, safety and sustainability are maintained.

At Pharox, **our mission is to help make such processes more efficient, user-friendly and, ultimately, reliable.**

How? By combining solid IT expertise with in-depth knowledge of the chemical industry and a commitment to top-quality service. Our end-to-end solutions offer secure, user-friendly access to reliable and up-to-date inspection data, for all stakeholders in the logistical chain.

Pharox Assurance is market leader in assurance and vetting solutions for the (petro)chemical industry. We provide reliable **end-to-end solutions**: from designing, developing and implementing tailor-made platforms to hosting, maintenance and support.

**OUR SOLUTIONS:**

- are made to measure;
- can be integrated with existing, proprietary systems;
- include interfaces with a wide range of external databases and mobile applications;
- combine user-friendly web applications with secure hosting on a high-availability platform.

## Why Pharox?

- Industry expertise and full focus on assurance and vetting processes
- Fully managed end-to-end and (semi)tailor-made solutions
- We deliver on time, within budget and are committed to top quality support



## Assurance database solutions

For trade associations and stakeholders in the quality assurance process we create assurance databases that can be enriched with specific information, documents, certificates and reports. Our assurance database solutions help streamline the inspection process and offer easy access to up-to-date inspection data.

### FEATURES INCLUDE

- Personalized access rights based on user profiles
- Support for a wide range of questionnaires or checklists, including multilingual versions.
- Searchable report data, using either basic search criteria or advanced queries.
- Robust report access mechanisms.
- Maximum transparency due to clear logging and audit trail mechanisms.

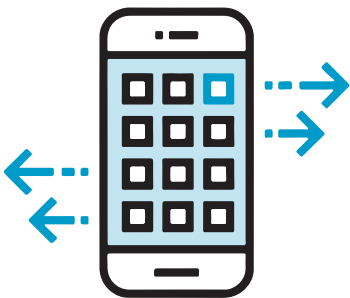


## Vetting database solutions

The main objective of a company's vetting process is to ensure that all contractor transport operations meet the company, client and supplier requirements and standards. Our vetting database systems enable (chemical) companies to automate the vetting process: an efficient and reliable way of ensuring a safe, sustainable and secure supply chain.

### FEATURES INCLUDE

- Automatic collection of up-to-date inspection data (see box: Interfaces)
- An automated pre-screening and evaluation process, tailored to your company's needs.
- A user-friendly, web-based interface.
- Report maintenance options, allowing (audited) updates of reports.
- The option to invite inspected parties to submit self-inspection reports.



## Inspection solutions

Our inspection solutions are designed to make the work of inspectors easier, even under challenging circumstances. Our lightweight applications (desktop or web-based) efficiently guide accredited inspectors through extensive questionnaires.

### FEATURES INCLUDE

- Support for a wide variety of (multilingual) questionnaires and checklists.
- Pre-inspection documents with detailed information, for more efficient reporting.
- Predefined question response categories and the option to include additional observations, documents or photos (configurable per question).

## Interfacing solutions

Streamline your internal (vetting) systems by integrating them with a range of assurance database systems - saving time and making sure your systems always have access to the most up-to-date information. Our interfaces are available for members of EBIS, CDI (Marine and Terminals) and OCIMF SIRE/TMSA, subject to approval by the relevant database owner.



# Solutions in practice

Pharox Assurance has a proud track record of developing tailor-made assurance databases, vetting databases and inspection and interfacing solutions for a variety of respected trade associations and multinational companies.



## BASF The Chemical Company

### PROFILE

BASF is the world's leading chemical company, with customers in more than 170 countries, about 150 production sites worldwide and approximately 95,000 employees.

### THE CHALLENGE

Streamlining the vetting process through a global, multilingual portal.

### OUR SOLUTION

Pharox developed the BASF Transportation and Distribution Safety (TDS) system, a web-based portal which streamlines the vetting process, using inspection data from various assurance databases. The system is also available in Chinese, Korean, Japanese and Thai-language versions.

### THE CLIENT'S PERSPECTIVE

"The solution Pharox developed allows us to automatically screen LSPs for compliance with our safety requirements, policies and priorities. It enables quick and responsible decisions, and it creates transparency. In the unlikely event of an accident, we can prove beyond any doubt that we have done everything in our power to minimize and eliminate risks."



## Chemical Distribution Institute (CDI)

### PROFILE

The Chemical Distribution Institute (CDI) provides over 70 multinational chemical companies with independent, reliable inspection data on chemical and gas tankers, terminals and marine logistic services providers.

### THE CHALLENGE

Ensuring 24/7 availability of reliable, up-to-date inspection data, to users around the world.

### OUR SOLUTION

Pharox developed accessible, user-friendly assurance database solutions including CDI Marine (chemical and gas tankers), CDI Terminals (management and technical inspection reports of tank storage terminals) and CDI Marine Packed Cargo (logistic service providers).

### THE CLIENT'S PERSPECTIVE

"We wanted an enhanced, more user-friendly database and a high availability rate. Which is exactly what Pharox delivered. They developed a quick, slick and user-friendly interface and have consistently provided an extremely high level of availability and security."



## The European Chemical Industry Council (Cefic)

### PROFILE

Cefic has been the primary representative of the chemical sector in Europe for decades. It represents large, medium and small chemical companies across Europe, which directly provide 1.2 million jobs and account for 14.7% of world chemical production.

### THE CHALLENGE

Creating an online database solution for the SQAS scheme (Safety and Quality Assessment for Sustainability).

### OUR SOLUTION

Pharox developed an online assessment database solution, consisting of inspection software, web applications and database applications. Assessment reports are uploaded to a central, secured database, hosted and managed by Pharox. A user-friendly interface enables users to check and compare LSPs against their own requirements, for a quick and smooth assessment procedure.

### THE CLIENT'S PERSPECTIVE

"Cooperation is very smooth. Pharox takes responsibility for fully managing the SQAS platform. Their expertise with end-to-end assessment solutions in the chemical industry also ensures they are up-to-date with recent developments in the chemical industry. All in all, Pharox' added value is undisputable."



## The European Barge Inspection Scheme (EBIS)

### PROFILE

EBIS was developed by European oil and chemical companies to improve the safety of tanker barging operations. The scheme ensures regular, independent inspections by accredited inspectors, providing EBIS members with objective safety and quality data.

### THE CHALLENGE

A robust platform supporting multilingual inspection reports and giving EBIS members 24/7 access to up-to-date inspection data.

### OUR SOLUTION

The EBIS database contains objective data on the safety and quality of barges, which EBIS member companies use to carry out risk assessments. The system consists of a combination of inspection software, web applications and database applications.

### THE CLIENT'S PERSPECTIVE

"Pharox' added value as a specialist in assurance database systems is evident. They understand our industry and the perspective of users. Which means they quickly grasp the background of any question and can deliver fast and effective solutions."



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