

BIRMINGHAM, UNITED KINGDOM – 1 SEPTEMBER 2026

Cognesense puts one audit trail behind five site obligations at ESS Expo 2026

At stand AQE-J50, NEC Birmingham, on 16 and 17 September, ten specialist brands show how emissions, noise, tank integrity, hazardous-area, and bulk liquids management data can share one connected dataset instead of five separate systems.



STAND

AQE-J50

VENUE

NEC BIRMINGHAM

DATES

16-17 SEPTEMBER 2026

■ 02 The announcement.

BIRMINGHAM, United Kingdom — (September 1, 2026) — Cognesense will exhibit at the Environmental Services & Solutions Expo at the NEC Birmingham on 16 and 17 September 2026, showing how ten heritage brands and its Clairvoyance platform turn a site's separate compliance obligations into one connected record, on stand AQE-J50 in the Air Quality & Emissions zone.

Each of the ten brands on the stand covers a compliance solution for that same site. Tank integrity is covered by Shand & Jurs, Shand & Jurs Biogas, and L&J Technologies; bulk liquids management by Varec; noise, dust, and emissions monitoring by Sonitus Systems; and hazardous-area equipment by Pyroban, Pyropress, Petrel, Ex-tech Signalling, and Ex-tech Solution. Clairvoyance, the company's integration platform, connects the readings from multiple sources into a single record — providing a site-wide overview, alerts and intuitive reporting.

ESS is organized as seven co-located shows covering air quality and emissions, water and wastewater, resource and waste management, land remediation, energy and decarbonization, geotechnical engineering, and metals recycling. The organizer, Roar B2B, recorded 15,410 attendees in 2025 and forecasts more than 16,000 for 2026.

■ AT COGNESENSE

100+

YEARS PROVIDING SAFETY SOLUTIONS

10

HERITAGE BRANDS

■ AT ESS EXPO 2026

7

CO-LOCATED SHOWS

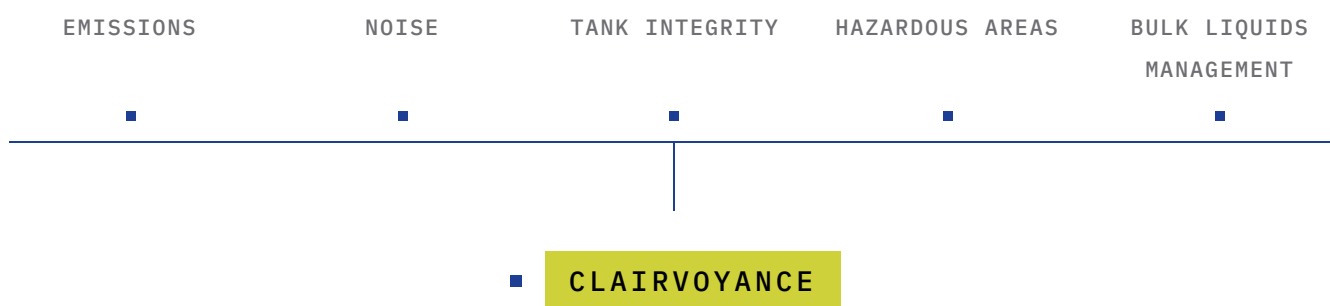
16,000+

ATTENDEES FORECAST 2026

One site. Multiple obligations. One connected audit trail.

■ THE PROBLEM CUSTOMERS ARE FACING

Cognesense addresses a pattern its customers describe consistently. A regulated site typically carries several separate compliance obligations at once, covering emissions, noise, tank integrity, hazardous-area equipment, and bulk liquids management. Each is usually met by a different supplier, and the resulting data rarely connects. Evidence for an audit then has to be assembled by hand from systems that do not speak to each other.



One record. One audit trail.

The stand is built around that problem rather than around showcasing product offerings. A live kiosk demonstrates Clairvoyance, the Cognesense integration platform, which normalizes readings from instruments of different ages, protocols, and vendors into one record and one audit trail. Alongside it, a DustSens dust and noise sensor from Sonitus Systems shows the MCERTS certified hardware that feeds the platform.

“Visitors come to a show like ESS with a site problem, not a product question.”

Usually that problem crosses two or three of our brands at once. Someone monitoring dust at a waste transfer site often has liquid tanks and a classified area to worry about as well. Having those specialists on one stand means the conversation can focus on the problem instead of stopping at the edge of a product range.

■ Paul McDonald

Executive Vice President, Technology Platforms & Solutions

Ten brands. One stand.

ON STAND AQE-J50

TANK INTEGRITY	Shand & Jurs · Shand & Jurs Biogas · L&J Technologies
BULK LIQUIDS MANAGEMENT	Varec
NOISE, DUST & EMISSIONS	Sonitus Systems
HAZARDOUS-AREA EQUIPMENT	Pyroban · Pyropress · Petrel · Ex-tech Signalling · Ex-tech Solution

■ ON THE STAND

Demonstrating our site-wide solutions with Sonitus Systems DustSens and SiteSens products, including a particulate sensor that excels in tough environments like construction and mining, and its interaction with Clairvoyance's unified connectivity and intelligence platform. On tank integrity, L&J Technologies is showing a radar tank gauge used for level measurement and overfill prevention, Shand & Jurs Expanda seal for wastewater and biogas applications. On hazardous-area equipment, Petrel is displaying ATEX and IECEx certified explosion-proof LED luminaires, Ex-tech Signalling sounders and beacons for classified areas, Ex-tech Solution's flameproof motor starter, a crane control pendant, and a custom housing that illustrates its bespoke design work, and Pyroban a scale model explosion-protected forklift truck that shows how vehicles are certified to operate inside a hazardous area. Pyropress is showing pressure, temperature, and level instrumentation used across several of these obligations.

"Environmental regulation only moves in one direction, and every new obligation adds another supplier to manage. Our customers are asking for fewer relationships and better evidence, not more equipment. ESS is where the people carrying those obligations are in one building, which is why the stand is staffed to talk about compliance rather than catalogs."

■ STEVE NOAKES

Managing Director at Cognesense UK & France

■ 05 Notes to editors.

VISITING THE STAND

AQE-J50**WED 16 SEPT / 09:30–16:30****THU 17 SEPT / 09:30–16:00**

Stand AQE-J50 is open from 09:30 to 16:30 on Wednesday 16 September and from 09:30 to 16:00 on Thursday 17 September. Visitors can arrange a time with the team in advance through the [ESS exhibitor portal](#). Further information is available at [cognesense.com](#).

CERTIFICATIONS

ATEX IECEx UKCA MCERTS SIL API 2350 MIL

Cognesense equipment is certified to schemes including ATEX, IECEx, UKCA, MCERTS, SIL, API 2350, and MIL standards. The company serves customers in more than 100 countries across energy production and processing, terminals and storage, chemicals and pharmaceuticals, water and wastewater, power and utilities, construction and infrastructure, transport and aviation, food and beverage, and defense.

ABOUT COGNESENSE

Cognesense is the single partner the world's most regulated industries trust to measure, monitor, and protect what they are accountable for. Built on ten heritage brands — Varec, L&J Technologies, Shand & Jurs, Shand & Jurs Biogas, Sonitus Systems, Pyroban, Pyropress, Petrel, Ex-tech Signalling, and Ex-tech Solution — with combined engineering heritage of more than a century, Cognesense connects physical measurement to AI-driven intelligence through its Clairvoyance platform. The company serves customers in more than 100 countries. Learn more at [cognesense.com](#).

ABOUT ESS EXPO

ESS Expo is organized by Roar B2B and takes place at the NEC Birmingham. It comprises seven co-located exhibitions: RWM, WWEM, AQE, CLR, EFD, GEO, and CARS & MRE. Further information is available at [ess-expo.co.uk](#).

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Press images and logos available on request.

