arnlea

nexar
Field Inspection Software

DIGITALISE YOUR HAZARDOUS AREA INSPECTIONS

www.arnlea.com

EXPERTS IN EX.

At Arnlea, we recognise the importance of optimising hazardous area operations to ensure **safety**, **compliance**, **productivity**, and **sustainability**.

With over 30 years of experience in developing field inspection software for hazardous areas, Arnlea has gained global recognition as industry leaders in digitalising inspection and maintenance processes. We combine the latest digital technology with feedback from Ex inspectors to create software solutions that help you work smarter, not harder.

Our latest innovation, Nexar, is a cloud-based, SaaS (software as a service) solution that allows you to inspect, report and analyse hazardous area equipment accurately and efficiently, saving your company time and money while reducing risk and increasing safety.

Nexar integrates into your corporate ecosystem, giving one centrally managed solution that offers office staff real-time data to make better-informed decisions and front-line inspectors the ability to work three times faster and more precisely than traditional pen and paper methods.

BENEFITS AND FEATURES OF NEXAR:

- 150% more inspections
- 50% reduction in inspection time
- 10% less production downtime
- 5% less carbon emissions
- Analytics dashboard and reporting

NEXAR COMPLIANCE STANDARDS

Access Nexar on any device via iOS, Android, and Windows applications

MEETING YOUR EX CHALLENGES

You need standards-based, regulatory compliant, sustainable, low-cost processes for hazardous area equipment inspections across your high-risk operations.

You also need to mobilise inspectors with digital technology that saves time, increases productivity and improves data accuracy.

Not meeting your challenges may lead to frequent equipment failures, higher maintenance costs, extended downtime, risk of non-compliance, environmental damage and most importantly, reduced safety of staff which could result in somebody getting injured or worse.

NEXAR IS YOUR SOLUTION

Nexar is our highly configurable industrial mobile software for field service management that's compliant with **IEC 60079**, **NEC 500/505**, and **ATEX directives**. Nexar utilises intrinsically safe handheld technology, providing visibility, accuracy and control, increased efficiency, and reliability; reducing operating costs and carbon emissions and ultimately improving safety.

Our cloud-based software uses mobile Auto-ID technology such as RFID tags and QR codes, alongside ERP integration and Risk-Based Inspections (RBI) strategies, to increase compliance and decrease costs in your Ex inspection and maintenance activities.

YOUR HAZARDOUS AREA INSPECTION CHALLENGES

NON COMPLIANCE	RISK OF EXPLOSION	NO AUDIT TRAIL	HIGH CARBON FOOTPRINT	OUT OF DATE INFORMATION	MANUAL PROCESS

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COMPLIANT WITH IEC, NEC AND ATEX	IMPROVED SAFETY	ENHANCED EFFICIENCY BY AN AVERAGE 150%	REDUCED CARBON FOOTPRINT	REDUCED CAMPAIGN TIMES BY UP TO 50%	ACCURATE DATA CAPTURE

A POWERFUL TOOL

Nexar is designed and proven to work across highly regulated industries including offshore platforms, FPSOs, drilling rigs, refineries, petrochemicals and LNG plants. It is a world-class, highly configurable SaaS solution revolutionising how Ex inspections are carried out.

INCREASES EFFICIENCY
Increases efficiency of inspectors by an average of 150% over paper inspections.

REDUCES INSPECTION TIMES
Reduces inspection campaign time by up to 50% through the application of the RBI strategy configuration.

ANALYTICS AS STANDARD
Nexar comes with a standard library of key reports including inspection results reports, progress reports and fault analysis as well as many purpose-built, industry-specific reports.

ENSURES COMPLIANCE
Compliance with IEC 60079, NEC 500/505, and ATEX directives for explosive atmospheres. Nexar can also be easily configured to fit other regulation bodies.

ENHANCED WORKING
Digitalise your inspections and maintenance process away from pen and paper and experience enhanced compliance, full audit trail, and accurate data capture.

TAILORED REPORTING
Tailor and build reports to show you the data you need. With real-time dashboard and reporting functions, your operations will be optimised like never before.

CONFIGURABLE
Carry out inspections across your entire asset register and disciplines through Nexar's workflow.

ONE CENTRAL LOCATION
One central location for data which allows multiple people to work and edit simultaneously.

RBI STRATEGY AND ALARMS
Risk-Based Inspection (RBI) strategy configuration provides a mechanism for managing the inspection, grade and frequency of various risk levels of Ex equipment through Nexar. This provides visualisation of RBI alarms and thresholds of individual tags, areas and work orders.

SYSTEM INTEGRATION
Nexar seamlessly integrates into your company's ERP/EAM systems such as SAP, Maximo, and Oracle as well as dashboards, databases, and digital twins.

INTELLIGENT WORKING
Nexar is compatible with a range of IoT and Auto-ID technologies such as RFID tags, QR codes, or barcodes for enhanced working, asset identification, and efficiency.

24/7 ACCESS
Use and access Nexar on the go via iOS, Android, and Windows applications. Nexar also works both online and offline, so there is no downtime.