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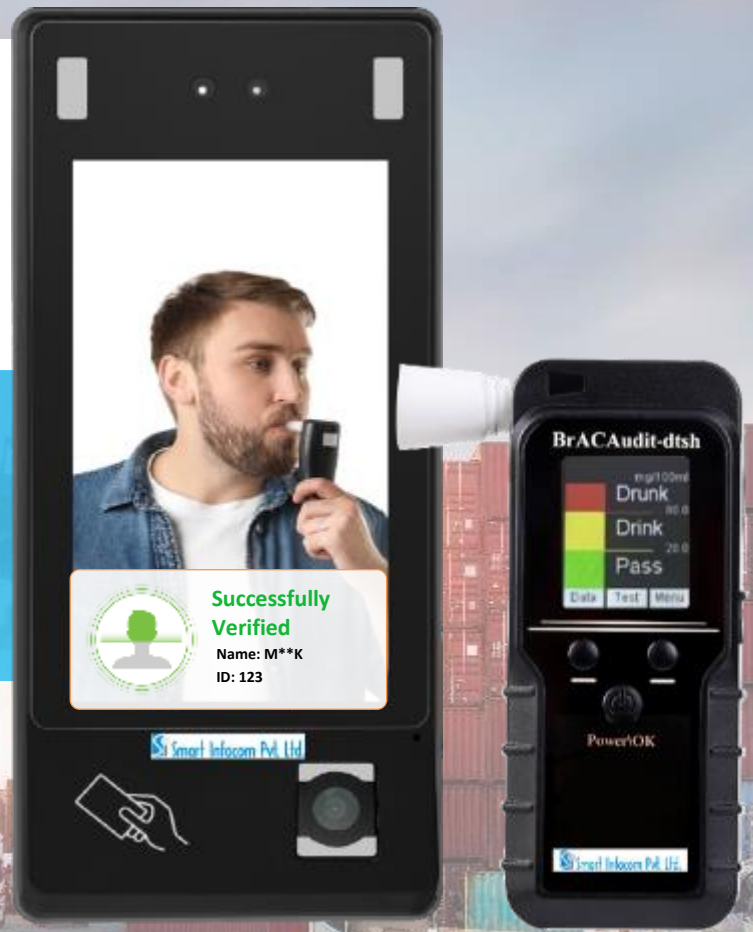
Alcohol Detection & Time Attendance Solution

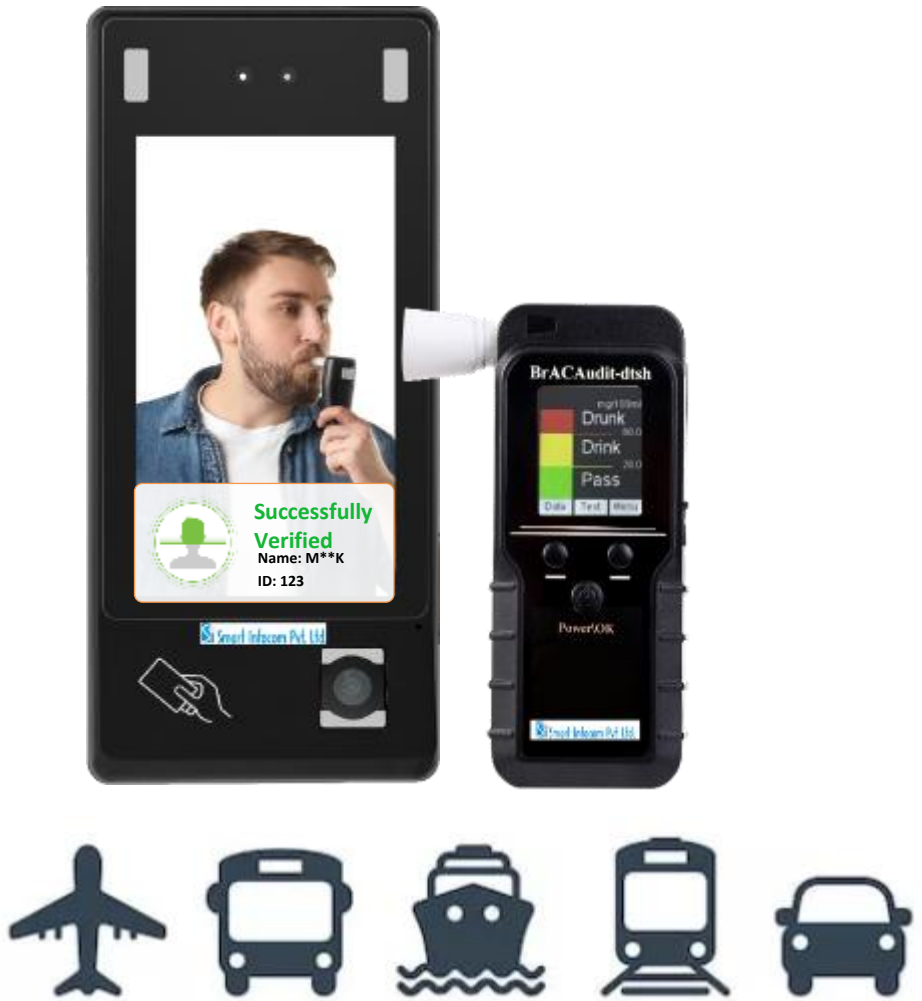


Background

Alcohol Detection & Time Attendance

Many countries raised the alert on road safety to avoid various traffic accidents and injuries caused by drinking. Dozens of countries gradually began to issue relevant laws, especially in the transportation industry, construction sites, and other industries, which require employees to conduct alcohol testing before working.

Smart Infocom provides a set of biometric attendance solutions tailored to meet the requirements of diverse industries and situations. These solutions comprise of alcohol detection, human resource management, facial and fingerprint hybrid biometric verification and automatic alcohol detection.



Pain Points Analysis of Alcohol Detection

Traditional Detection

Manual verification and check in need admin to checks personnel information.

Detection alone, and someone else can test for him.

There is no detection process to check employee health statue.

Different book and system to record.

Intelligent Alcohol Detection

Hybrid biometric verify and alcohol detection of employees to ensure safe operation.

The biometric verification and admin double confirms to ensure employees meet the operation requirements.

Alcohol detection, monitoring the health status of employees.

All-in-one software platform is more power and flexible.

Workflow

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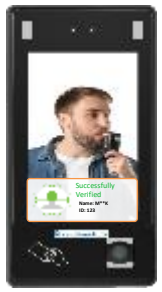
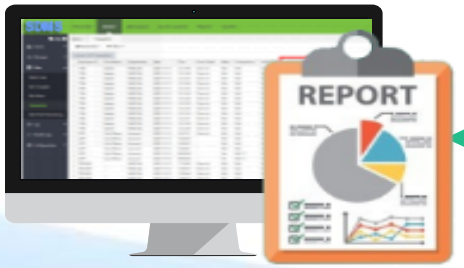


User Verified

Admin Confirmed

Door Open and Take the Key



SDMS Utility For DATA Push & Pull

Advantages

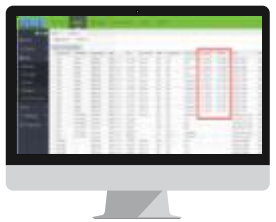
Facial Recognition

Alcohol Detection

Fingerprint Verification

Alcohol Tester Life Detection

Recommended List

Type	Time Attendance Terminal	Alcohol Tester	Floor-Mounted Bracket	Utility
Model	SMART AD+	Alcohol Detector	Alcohol Tester Stand	SDMS
Photo				

Time Attendance

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	SMART AD+
OS	Android 9.0
Verify	Face + Card + QR + FP(optional)
Face Capacity	50,000
Card Capacity	50,000
Fingerprint Capacity	30,000
Log Capacity	1,000,000
Communication	TCP/IP, Wi-Fi, 4G(optional)
Face Recognition	Dual-Camera
Power Supply	12V 3A, PoE
Certifications	CE, FCC

Alcohol Tester

	Alcohol Tester
Screen	1.77 color display screen
Communication	USB
Measurement range	The gas with alcohol concentration from 0.0mg/100ml to 400mg/100ml
Measurement accuracy	Meet the maximum tolerance requirements of Section 4.7 of the new national standard (GB/T 21254-2017)
Storage	20,000
Dimensions	120mm * 57mm * 27mm

Scenario

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Logistics transportation and public transport drivers have important responsibilities. For instance, before starting work, bus drivers must conduct attendance checks and alcohol detection tests. Additionally, they need to input the vehicle number they are driving to prevent serious traffic accidents caused by drunk driving and to ensure the safety of public transportation.

Scenario

Construction site workers or mining ports workers need to conduct alcohol detection test before work to ensure that they can operate the equipment safely and correctly.

Scenario

Public Transport

Trucking Centre

Subway

Logistics transportation

Construction Site & Mine

Wharfs

Thank You