



Pioneering Pain-free Solutions

Transforming testing with non-invasive,
cost-effective, reliable solutions.



NASDAQ: INBS | April 2025

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All information included in this presentation is based on continuing operations unless otherwise noted.

Company Overview

1000+

DSR-Plus Readers installed across customer sites

450+

Global active customers with an estimated total of 1.4m employees

FDA

510(k) submitted December 2024

USA

Product launch planned 2025

Company Name	Intelligent Bio Solutions Inc.
Exchange / Ticker	Nasdaq: INBS
Market Cap <i>at February 13, 2025</i>	\$12.51 million
Common Stock Float <i>as of February 11, 2025</i>	5.28 million shares
LTM Revenue <i>as of December 31, 2024</i>	\$3.0 million
Annual Fiscal Revenue <i>year ended June 30, 2024</i>	\$3.11 million ↑ Up 148% (vs Fiscal Year 2023)
Cash Balance <i>at December 31, 2024</i>	\$2.24 million

Management Team

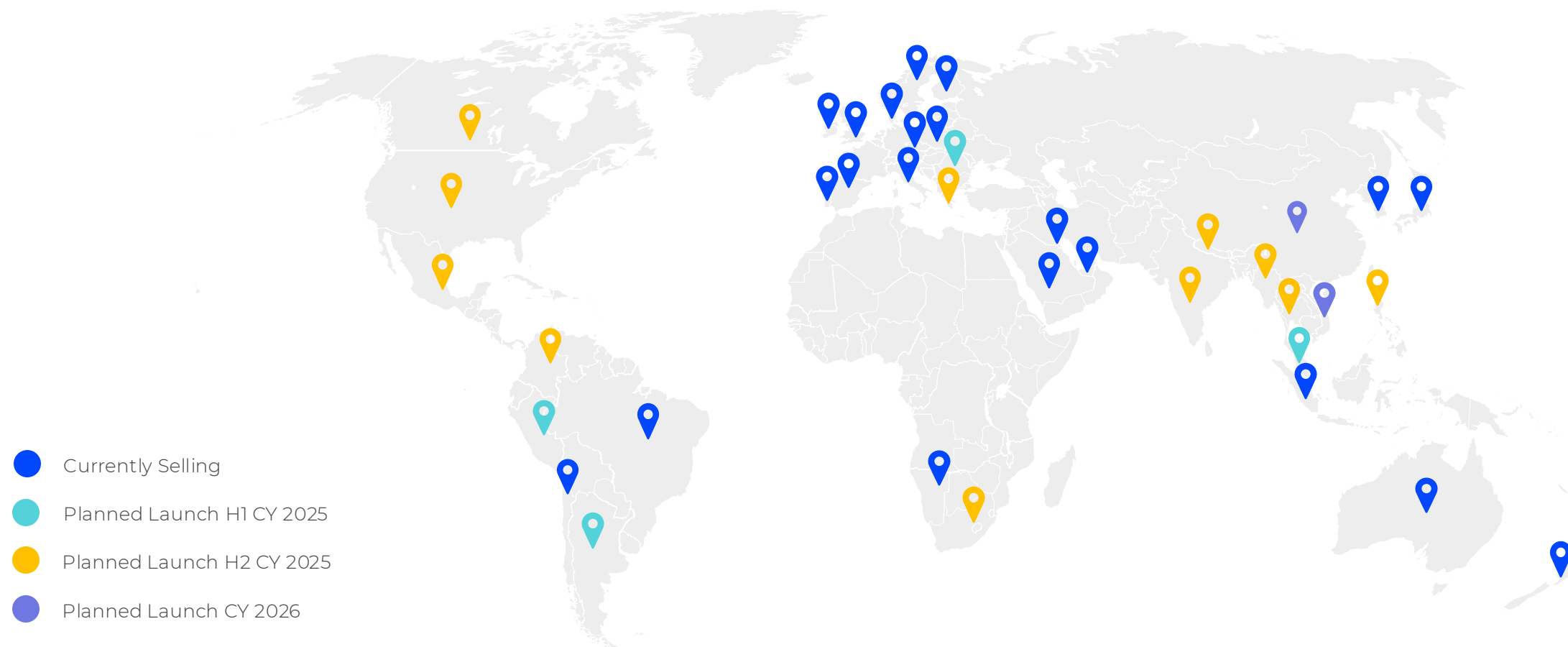
CEO	Harry Simeonidis
CFO	Spiro Sakiris
Board Chair	Steven Boyages
VP Global Sales	Doug Heath

General

Industry	Medical Technology
Focus Area	Drug Screening

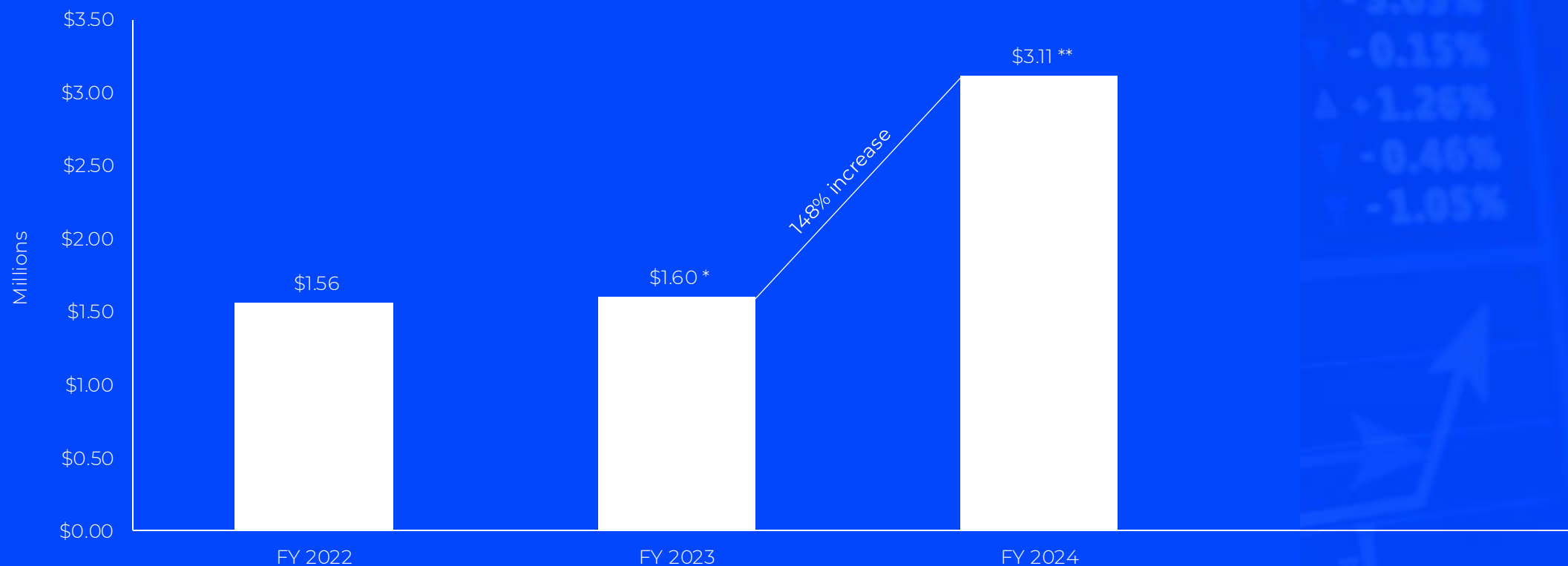
Product Footprint | 450+ Active Accounts

Intelligent Fingerprinting Drug Screening System



Financials

Fiscal Year Revenue Growth



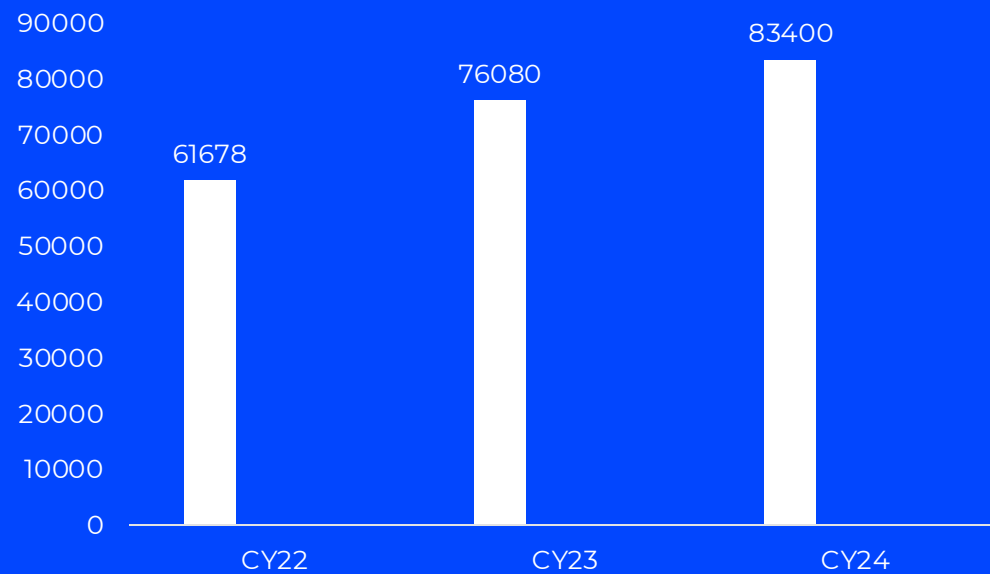
Fiscal Year to Date Revenue (6 months to December 31, 2024) = \$1.48 million

* The pro forma amounts as reported in “Pro-Forma Results of Operations” in Notes 5 in the INBS Annual Reports on Form 10-K for the years ended June 30, 2024 and 2023.

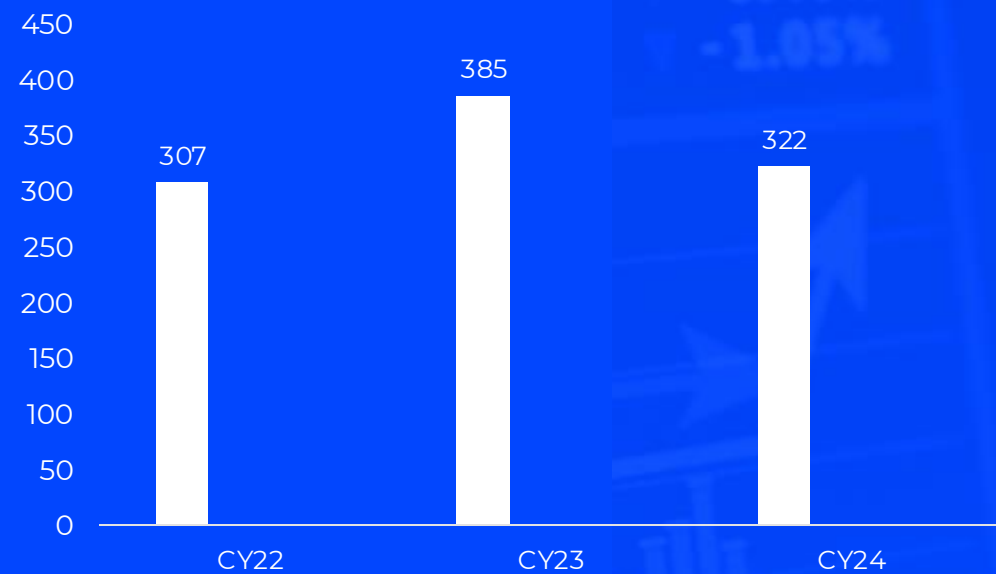
** Audited results.

Unit Volume Growth

Number of Cartridges Sold



Number of Readers Sold



**We are a medical technology company
delivering intelligent, rapid, non-invasive testing solutions.**

Our mission is to redefine the approach to testing
and deliver pain-free, accessible solutions that drive
transformative change and improve the quality of life.



Simpler Drug Testing

Our **Intelligent Fingerprinting Drug Screening System** is revolutionizing portable testing through fingerprint sweat analysis, which has the potential for broader applications in additional fields.

This highly accurate, efficient, and cost-effective system is designed to screen for recent use of drugs commonly found in the workplace, including opiates, cocaine, methamphetamine, and cannabis.

How it Works



Drug Metabolites

Our bodies metabolize substances into detectable chemicals (metabolites) in blood, urine, saliva, and sweat.



Sweat Detection

The Intelligent Fingerprinting System detects recent drug misuse by screening metabolites in sweat from fingerprints.



Detection Window

The System tests for fitness for duty on the day and has a detection window of 16-24 hours.



Lateral Flow Technology

The cartridge uses lateral flow assay technology and fluorescence-labelled antibodies.

The DSR-Plus Reader provides fast, presumptive results for each drug tested.



3 Steps to Simpler Drug Testing

- 1** Donor places the tip of each finger on the fingerprint collection area for 5 seconds.
- 2** Test administrator inserts the cartridge into the DSR-Plus reader.
- 3** In less than 10 minutes the DSR-Plus reader provides results.

Benefits of Fingerprint Drug Testing



Reduce Risk

Aim to identify current impairment rather than past use with a detection window of 16-24 hours.



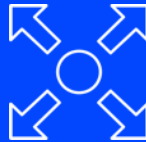
Save Costs

Bring drug testing in-house and eliminate the need for specialized staff or facilities.



Increase Efficiency

Rapidly collect samples and employ batch testing to analyze drug screening results in minutes.



Expand Testing Capabilities

Conduct screening at any time and location using a compact and portable system.



Respect Dignity & Privacy

Preserve employee dignity with quick, non-invasive, and hygienic analysis of fingertip sweat.



Ensure Testing Integrity

Prevent foul play and maintain sample integrity through administrator-supervised testing and self-locking sample seals.

Intelligent Fingerprinting Platform

vs Other Drug Testing Standards

	Urine	Saliva	Intelligent Fingerprinting
Window of Detection	1 – 4 days	Up to 48 hours	Up to 16 hours
Typical Time for Results	Onsite or lab (1 – 3 days after lab receipt)	Onsite or lab (1 day after lab receipt)	Onsite or lab
Typical Time of Test*	20 mins – 4 hours +	20 mins +	< 10 mins
* Includes preparation, collection and time to result			
Specialist / Training Required	Yes	Yes	No
Biohazardous	Yes	Yes	No
Directly Observed	No	Yes	Yes
Drug Screening	Amphetamines, Barbiturates, Benzodiazepines, Cannabis, Cocaine, Methadone, Opiates, Oxycodone, PCP, Synthetic Cannabinoids and Synthetic Stimulants ¹	Amphetamines, Cannabis, Cocaine, Methamphetamines, Opiates, Oxycodone and PCP ²	Benzodiazepines, Buprenorphine, Cannabis, Cocaine, Methadone, Methamphetamine and Opiates
Cost*	Approx. \$300	Approx. \$300	Approx. \$20*
*Point of Care Testing (Back to lab test approximately \$300)			

¹ Quest Diagnostics “Urine Testing FAQs” | ² Quest Diagnostics “Oral Fluid Testing FAQs”

Market Opportunity

Leveraging intelligent non-invasive
testing to address global demands.

USA Market Potential

Addressing a \$400 billion substance abuse problem¹

Drug Screening Products Market Segment Size: \$14.9 billion by 2030²

CAGR: 12.1%²

Key Drivers

- Stringent regulations and a focus on workplace safety
- Growth in substance abuse cases
- Demand for faster, non-invasive testing technologies

Opportunity for Fingerprint-Based Solutions

- Aligns with market demand for convenience, speed, and accuracy
- Poised to disrupt traditional urine and saliva testing methods

¹ U.S. Department of Health and Human Services. *The Surgeon General's Report on Alcohol, Drugs, and Health*. Available at: <https://www.hhs.gov/sites/default/files/facing-addiction-in-america-surgeon-generals-report.pdf>

² Research and Markets, 2024. *Drug Screening – Global Strategic Business Report*. Available at: <https://www.researchandmarkets.com/reports/4804177/drug-screening-global-strategic-business-report>

Growing Drug Consumption

2022 Snapshot



228
million

cannabis users,
representing 4% of the
global adult population and
making it the most used
drug in the world.



60
million

opioid users,
representing 1.2% of the
global adult population.



30
million

amphetamine users,
representing 0.6% of the
global adult population.



23.5
million

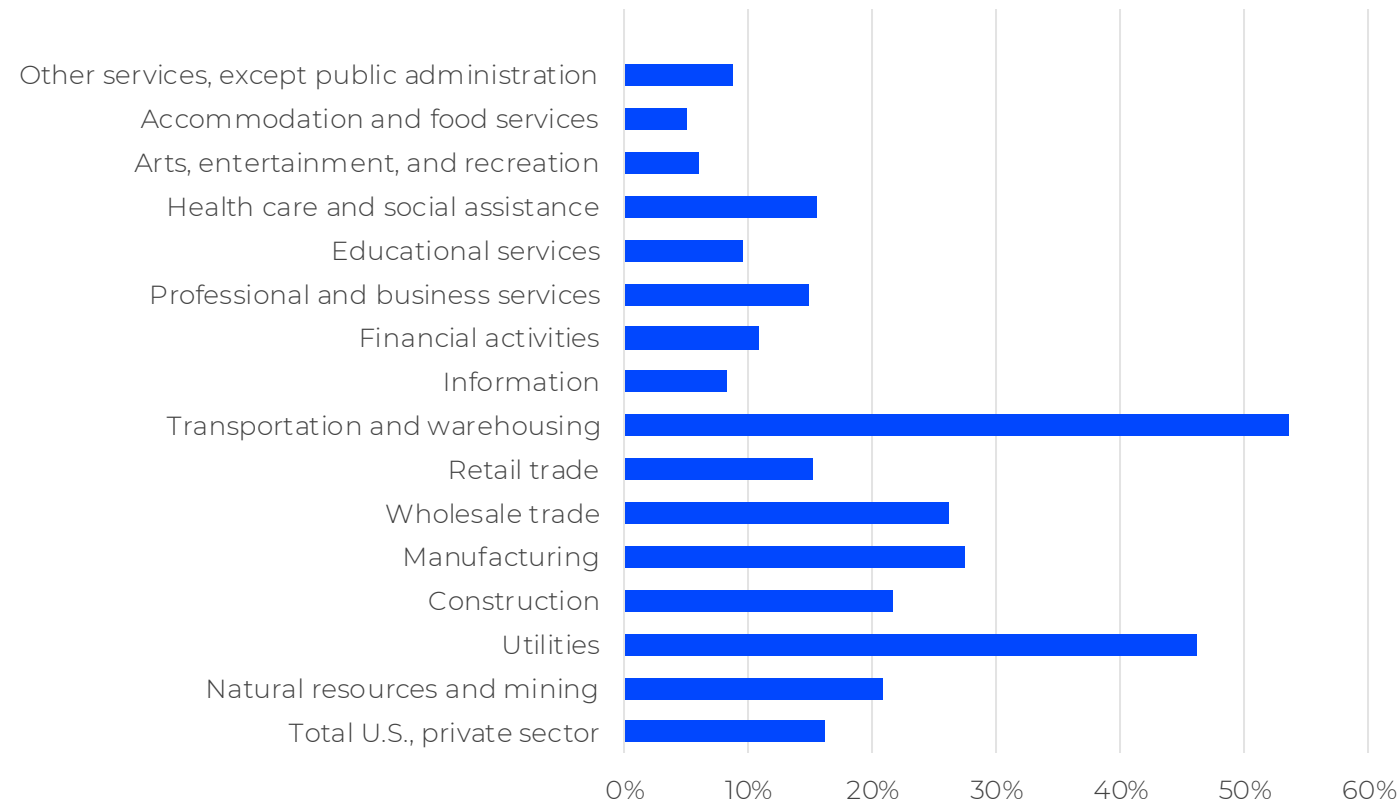
cocaine users, representing
0.45% of the global adult
population.

Statistics: NODC World Drug Report 2024, reporting on 2022 market.

Drug Use in the Workplace

Drug and Alcohol Testing per Industry 2021

Percentage Of New And Current Employees¹



More than 70% of those abusing alcohol or illicit drugs in the US are employed.²

Drugs are becoming an increasing contributor for accidents in the workplace. Drug test positivity post-accident has climbed over the last 5 years.³

¹ US Bureau of Labor Statistics, 2021. *Business Response Survey 2021 Charts : Establishments that are drug testing or alcohol testing new applicants or current employees, by industry (percent)*. Available at: https://www.bls.gov/brs/data/charts/2021/#drug%20and%20alcohol%20testing_currently%20testing_industry

² Centers for Disease Control and Prevention, 2023. *Mental Health, Alcohol Use, and Substance Use Resources for Workers and Employers*. Available at: <https://blogs.cdc.gov/niosh-science-blog/2023/10/10/mental-health-substance-use/#:~:text=National%20U.S.%20data%20show%20that,over%20the%20last%20two%20decades>

³ Quest Diagnostics, 2022. *Workforce Drug Test Positivity Climbs to Highest Level in Two Decades, Finds Quest Diagnostics Drug Testing Index Analysis*. Available at: <https://newsroom.questdiagnostics.com/2022-03-30-Workforce-Drug-Test-Positivity-Climbs-to-Highest-Level-in-Two-Decades,-Finds-Quest-Diagnostics-Drug-Testing-Index-Analysis#:~:text=Similarly%2C%20in%20federally%20mandated%2C%20safety,versus%204.4%25%20in%202021>

FDA 510(k) Clinical Studies

Pharmacokinetic (PK) & Method Comparison Study

PK STUDY

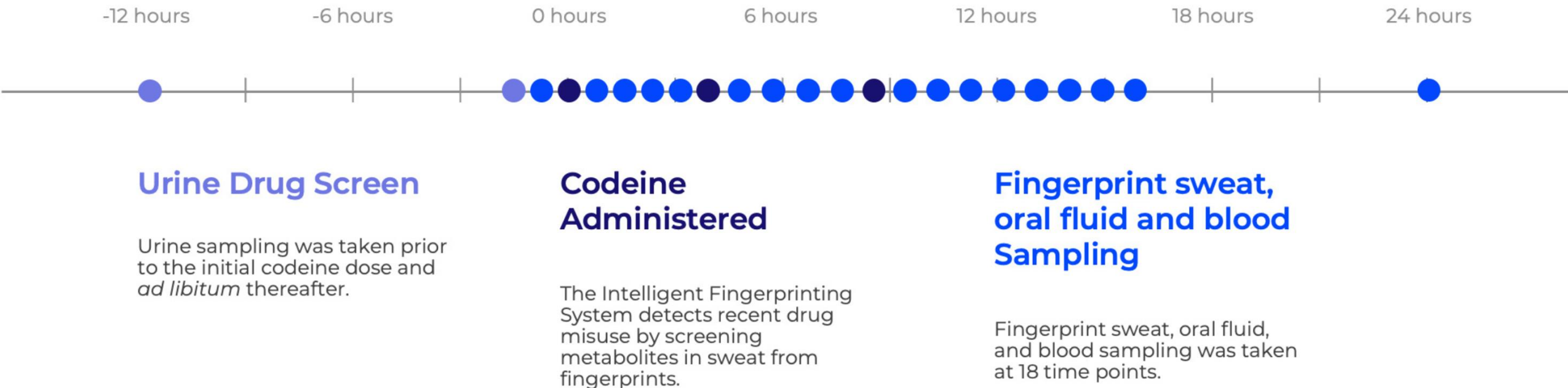
Number of Subjects	39
Data Analysis	Compare the levels of opiates detected in fingerprint sweat with those found in blood, oral fluid, and urine samples following the medically supervised administration of codeine.
Results	The data from the PK study showed that fingerprint sweat mimics the rate and extent of codeine in blood and saliva and that fingerprint sweat is a strong indicator of codeine ingestion.

METHOD COMPARISON STUDY

Number of Subjects	135
Data Analysis	Compare the results of fingerprint sweat opiate screening tests (codeine) with those obtained using a validated, traceable liquid chromatography-mass spectrometry (LC-MS/MS) method in a laboratory.
Results	Confirmed the sensitivity, specificity, accuracy, and usability of the System. The study demonstrated 94.1% accuracy, 82.2% sensitivity, and 100% specificity for the Intelligent Fingerprinting Drug Screening System.

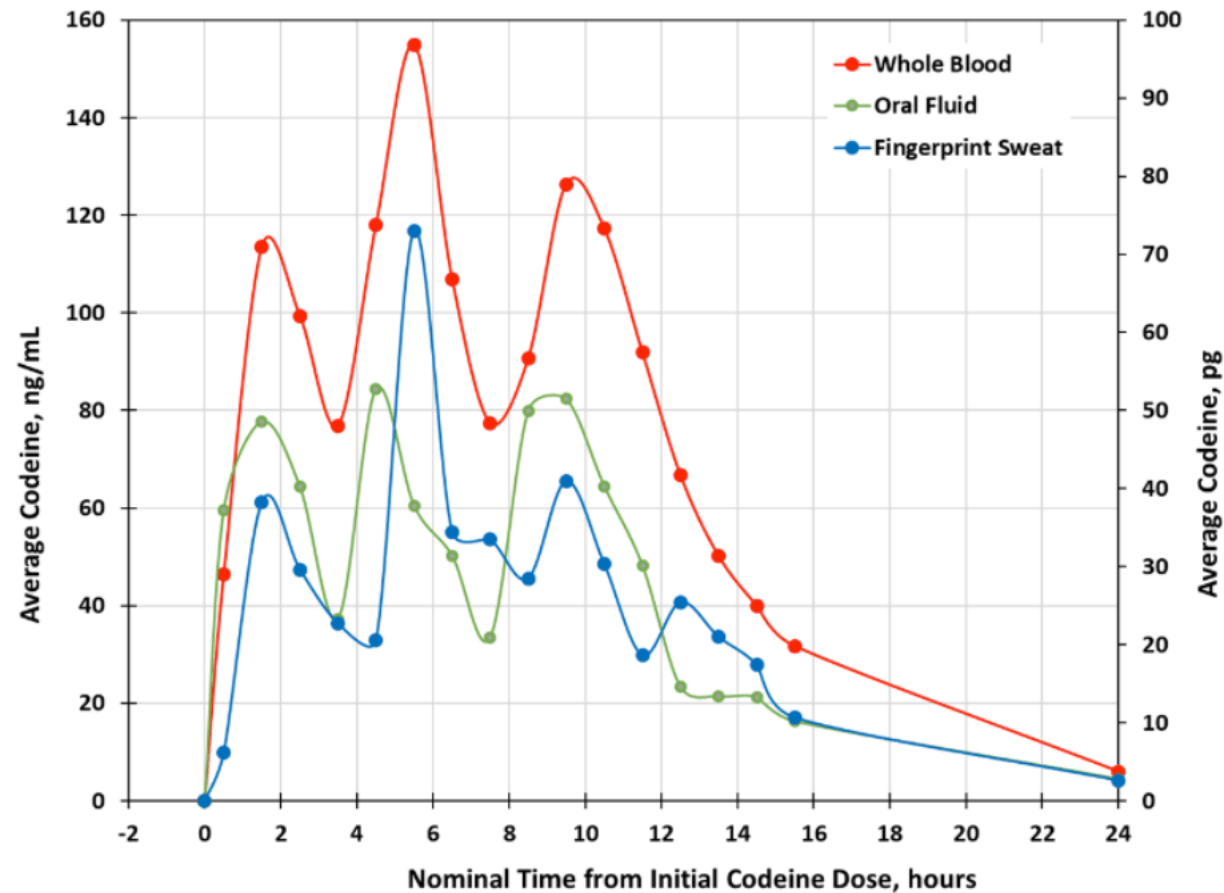
Timeline (PK Study)

Biological Fluid Sampling



Results (PK Study)

Average Codeine Values in Whole Blood, Oral Fluid and Fingerprint Sweat*



Customers

450+ active accounts

Customer Base



Leading London bus operator with 2,300 drivers and staff.



40+year old civil engineering firm with 200+ employees.



Operates in U.K.s busiest estuary with 200+ employees.



Major civil construction firm with 500+ employees.



Regional airline operating within the UK and Ireland.



Government administrator with 500+ employees.



One of the world's largest global 3rd party logistics providers.



Engineering firm with 550+ employees.



Civil and electrical engineering firm with 200+ employees.



UK steel stockholder and processor with 200+ employees.



50 year old construction firm with 500+ employees.



Construction company with 200+ employees.

Government and Law Enforcement

Italian border control have used the System to identify drug traffickers. Read more [here](#).

Police in Turin (Italy) are currently trialing the system for Roadside drug testing.

Brazilian police have had a positive experience with the system. Read more [here](#).



Customer Testimonials

Auctus Management Group

"The Intelligent Fingerprinting test has many benefits, including rapid on-site results, hygiene, non-intrusiveness and convenience for testing at scale."

DGP Plc

"By using fingerprint drug testing, I no longer have to take people off a project for half a day for screening – we can conduct the tests there and then."

Robinson Brothers

"From our initial cost analysis, we see fingerprint-based drug screening as highly cost-effective. We estimate that Intelligent Fingerprinting will allow us to conduct the same volume of tests at around half the cost."

P&O Ferries

"When we first saw fingerprint sweat-based drug screening in action, we knew it would be a great fit for P&O Ferries and our need for a flexible system that we could use on board our ferries."

Capitalization Table

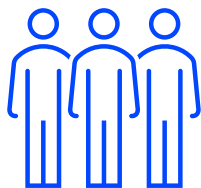
Securities Outstanding (as of February 16, 2025)	Common & Equivalents
Common Stock Issued	5,278,837
Warrants (Weighted Average Exercise Price \$16.21)*	5,516,754
Fully Diluted Shares	10,795,591

*No ratchets or resets.

Summary



Increased revenue and growth, utilizing the Razor/Razor-blade model.



Large growing customer base with 1000+ installed readers and 450+ active customers.



Multiple milestones completed as we progress toward planned 2025 U.S. market entry.



Rapid, non-invasive, cost-effective solution to address the growing global drug screening market.

Thank You

www.ibs.inc | info@ibs.inc

