



INTELLIGENT
BIO SOLUTIONS

Pioneering Pain-free Solutions

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



NASDAQ: INBS | December 2024

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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

400+

Global active customers with an estimated total of 1.4m employees

FDA

510(k) submission planned Q4, 2024

USA

Product launch planned H1, 2025

Company Name

Intelligent Bio Solutions Inc.

Exchange / Ticker

Nasdaq: INBS

Market Cap

at November 27, 2024

\$7.15 million

Common Stock Float

at September 30, 2024

4.377 million shares

Annual Fiscal Revenue

year ended June 30, 2024

\$3.11 million ↑ Up 148% (vs Fiscal Year 2023)

Cash Balance

at September 30, 2024

\$3.99 million

Management Team

CEO

Harry Simeonidis

CFO

Spiro Sakiris

Board Chair

Steven Boyages

VP Global Sales

Doug Heath

General

Industry

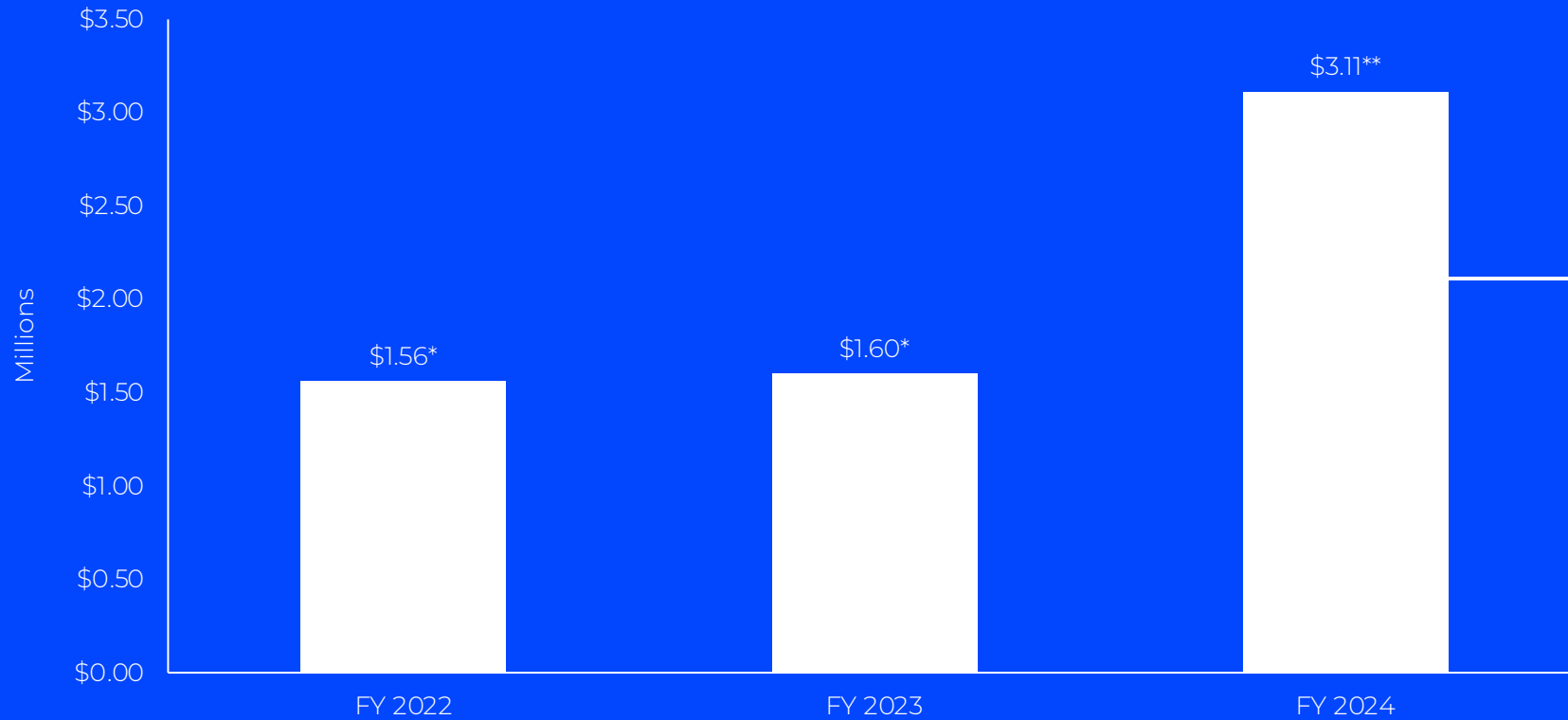
Medical Technology

Focus Area

Drug Screening

Financials

Revenue Growth



2024 fiscal year revenue saw a **148% increase**, compared to the same period the prior year.

* 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.

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



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.

A hand is shown using a white fingerprint scanner device. The device has a small screen and a collection area for fingerprints. The background is a light gray gradient.

3 Steps to Simpler Drug Testing

- 1** Individual 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.



Reduce Risk

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



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.



Expand Testing Capabilities

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



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.

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
<small>* Includes preparation, collection and time to result</small>			
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*
<small>*Point of Care Testing (Back to lab test approximately \$300)</small>			

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

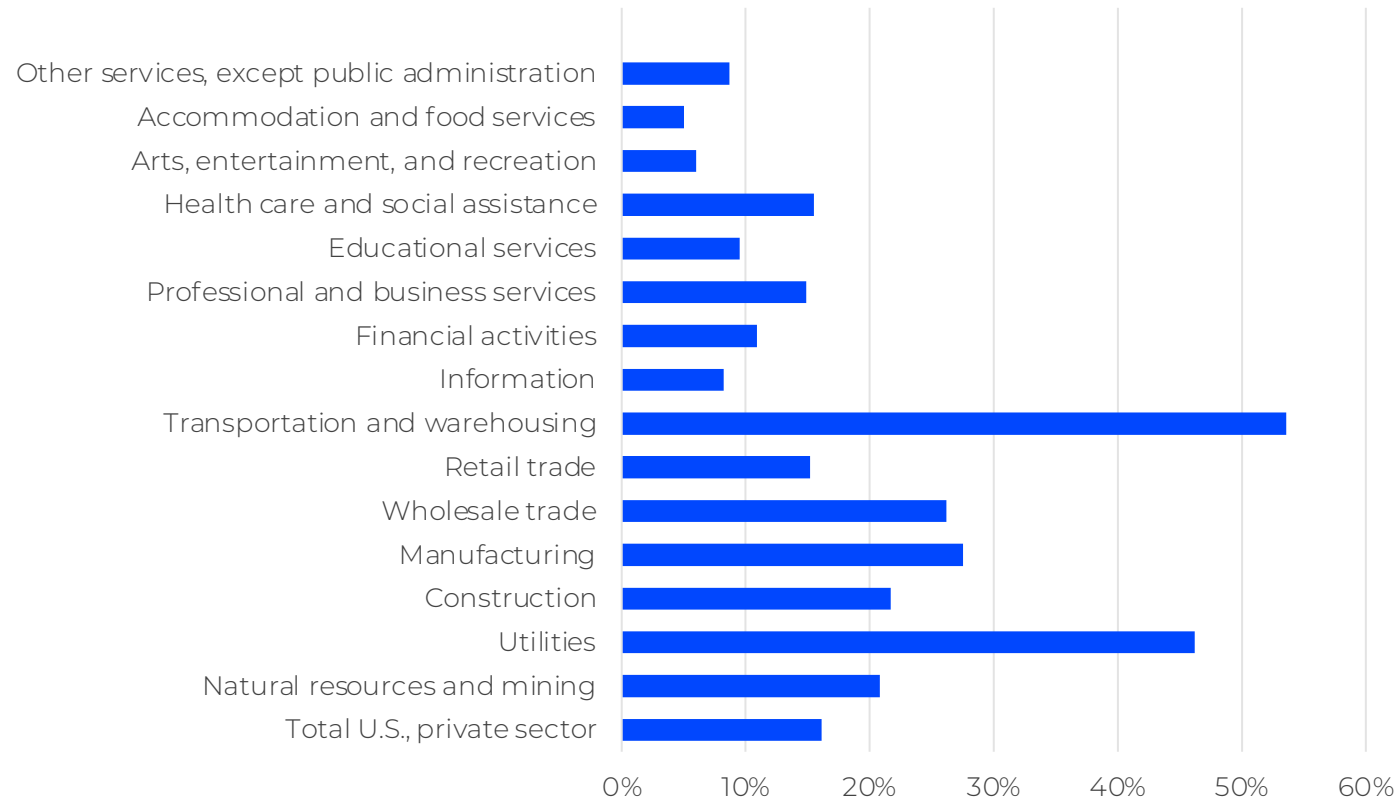
cocaine users, representing
0.45% of the global adult
population.

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.

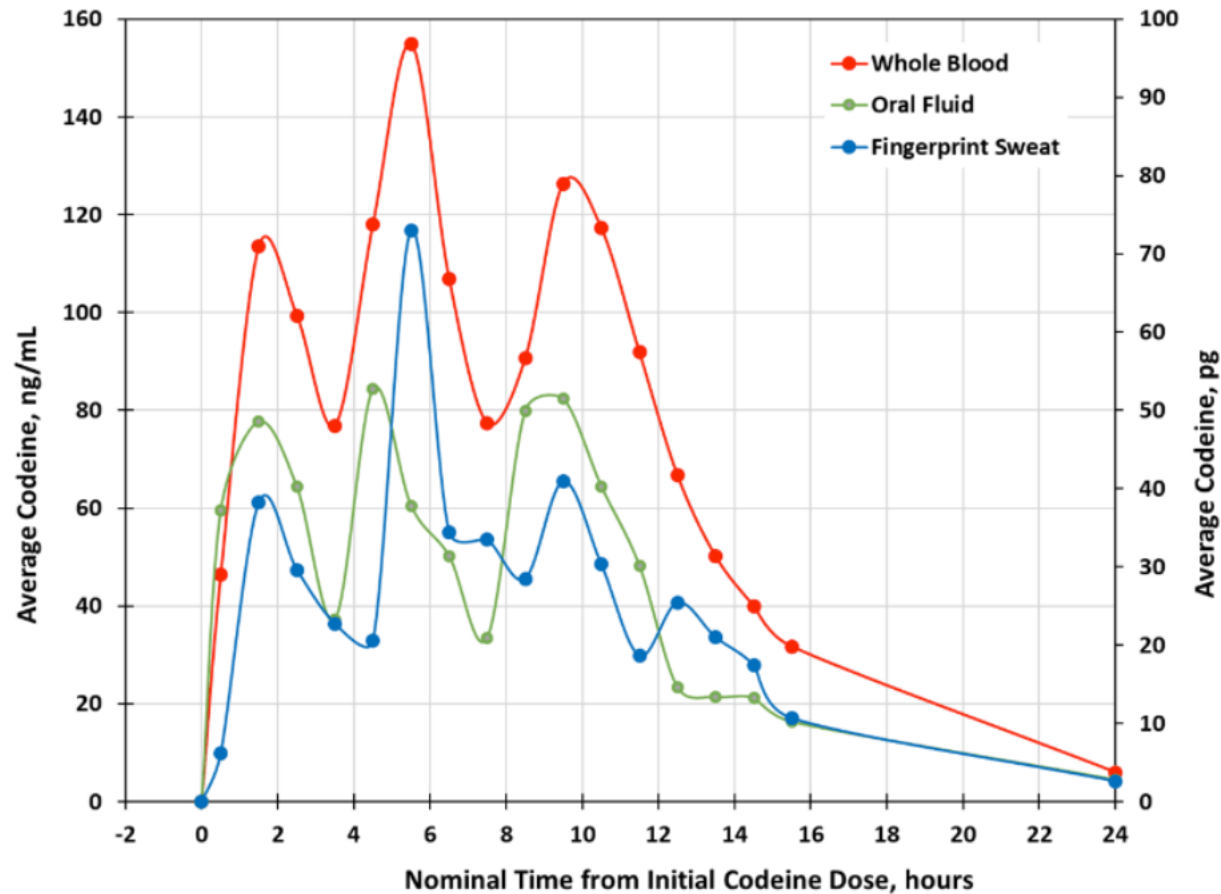
Timeline (PK Study)

Biological Fluid Sampling



Results (PK Study)

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



Customers

400+ active accounts

Product Footprint | 400+ Active Accounts

Intelligent Fingerprinting Drug Screening System



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.”

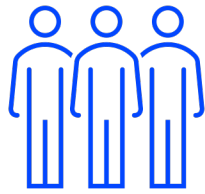
**P&O
Ferries**

“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.”

Summary



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



Large growing customer base with 1000+ installed readers and 400+ active customers.



Multiple milestones completed as we progress toward planned Q4, 2024 FDA submission.



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

Thank You

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