

PDF/SOLUTIONS®



PDF Solutions Investor Presentation

November 2025

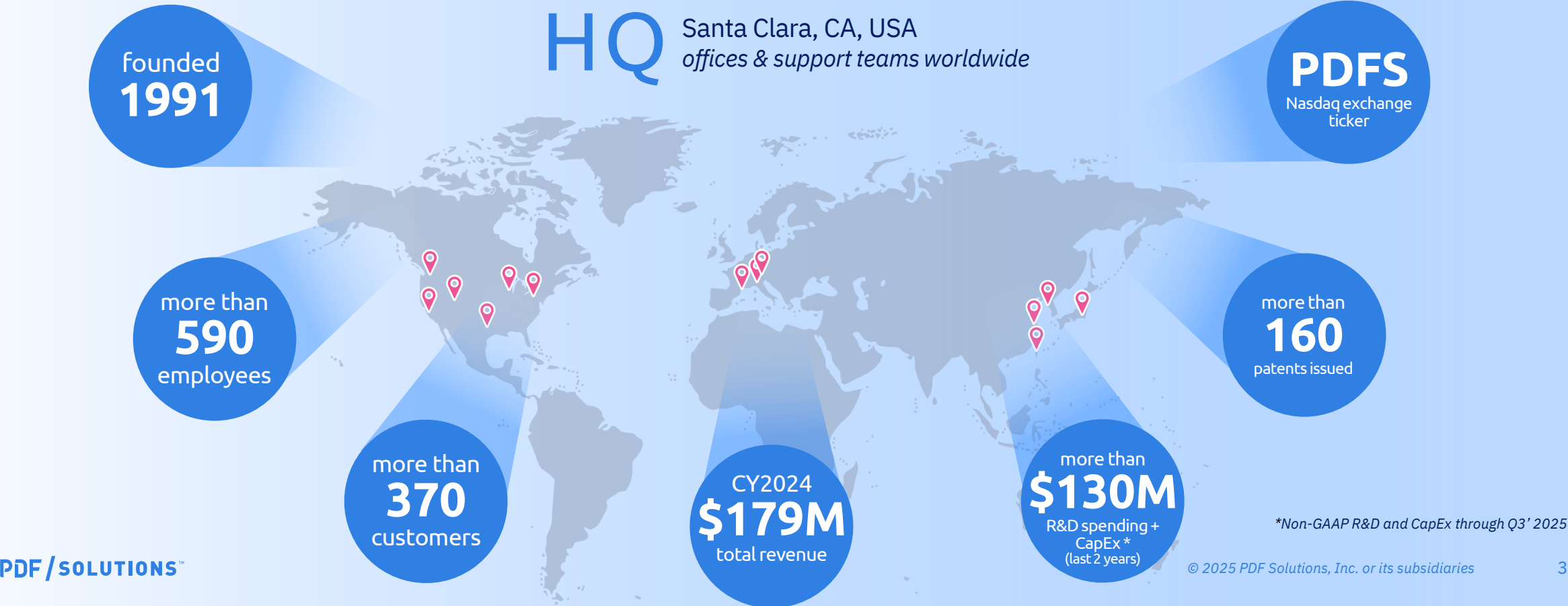
John Kibarian
Kimon Michaels
Adnan Raza

President & CEO, Co-Founder
Executive VP, Products and Solutions, Co-Founder
Executive VP, Finance & CFO

Certain statements in this presentation, and statements that may be made when discussing it, include forward-looking statements regarding the Company's future expected business performance and financial results, including expectations about target metrics, portfolio strength and momentum, and other statements identified by words such as "could," "expects," "intends," "may," "plans," "potential," "should," "will," "would," or similar expressions and the negatives of those terms, that are subject to future events and circumstances. Other than statements of historical fact, all statements contained in this presentation and discussions about it are forward-looking statements within the meaning of the "safe harbor" provisions of the Private Securities Litigation Reform Act of 1995. Actual results could differ materially from those expressed in these forward-looking statements. Risks and uncertainties that could cause results to differ materially include risks associated with: the effectiveness of the Company's business and technology strategies; current semiconductor industry trends and competition; rates of adoption of the Company's solutions by new and existing customers; project milestones or delays and performance criteria achieved; cost and schedule of new product development and investments in research and development; the continuing impact of macroeconomic conditions, including inflation, changing interest rates and tariffs, the evolving trade regulatory environment and geopolitical tensions, and other trends impacting the semiconductor industry, the Company's customers, operations, and supply and demand for its products; supply chain disruptions; changes in laws and regulations, including recent tax and data privacy laws and regulations, or the interpretation or enforcement thereof; the success of the Company's strategic growth opportunities and partnerships; recent and future acquisitions, strategic alliances and relationships and the Company's ability to successfully integrate acquired businesses and technologies; whether the Company can successfully convert backlog into revenue; customers' production volumes under contracts that provide Gainshare; the sufficiency of the Company's cash resources and anticipated funds from operations; the Company's ability to obtain additional financing if needed; its ability to use support and updates for certain open-source software; and other risks and uncertainties discussed in PDF Solutions' periodic public filings with the Securities and Exchange Commission, including, without limitation, its Annual Report on Form 10-K for the year ended December 31, 2024, Quarterly Reports on Form 10-Q, and Current Reports on Form 8-K and any amendments to such reports. All forward-looking statements made in this presentation are made as of the date hereof, and PDF Solutions does not assume any obligation to update such statements nor the reasons why actual results could differ materially from those projected in such statements.

PDF Solutions: Enabling the Digital Transformation of Semiconductor Manufacturing

We generate and integrate data across the supply chain, and using AI we drive fast improvements in yield, quality, and efficiency.



3 challenges the semiconductor industry must tackle



innovations in 3D



operating through a complex global supply chain



leveraging AI at all levels, from design to manufacturing

**Source: SEMI report*

PDF / SOLUTIONS™



How can the industry address these challenges?



innovations in 3D



operating through a
complex global supply
chain



leveraging AI at all
levels, from design to
manufacturing

Data, Analytics, & Actions enabled on a common platform

PDF/SOLUTIONS™

Strategy Overview



INVESTMENT
REPORTS

John Kibarian
President and CEO of PDF Solutions

JULY 21, 2025
[source](#)



*“the move to 3D chip packaging for higher density and faster signal transfer—requiring **new tools to predict and solve yield issues**”*



*“geopolitical shifts are decentralizing manufacturing via the US, Euro, Japan, and India Chips Acts—making **remote collaboration crucial**”*

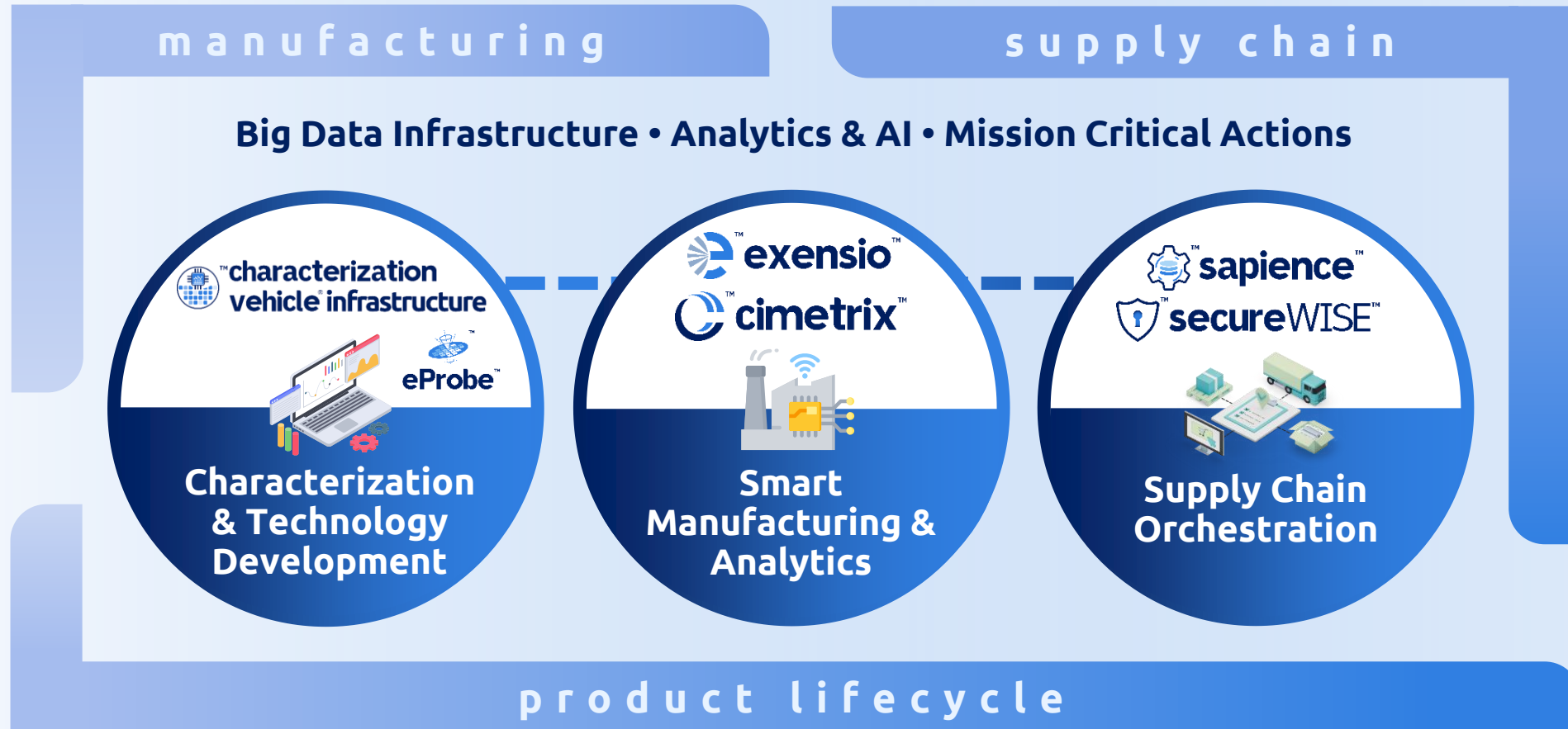


*“with talent shortages, **AI must augment** human decision-making”*

“Our software sits at the intersection of these trends—built on a common platform and database to help customers advance, collaborate, and scale AI without friction to drive operational efficiency.”

The leading commercial **data, analytics, and mission critical platform** providing solutions in three key areas for the semiconductor ecosystem

PDF/SOLUTIONS®



PDF Solutions Differentiation

Data, Analytics, & Mission Critical platform, **integrated** with enterprise applications, enabling **key business processes & cross-company collaboration**



**Industry and
Domain
Expertise**



**ABILITY TO
Create, Integrate,
Align, Analyze, and
Act on Data**



**Fully Integrated
Solution
Architecture**



**PLATFORM FOR
Cross Industry
Collaboration and
Execution**

The Scale of the PDF Solutions Platform

The PDF Solutions platform connects the overall semiconductor ecosystem

DATA

Petabytes
of cloud-managed data

20M
weekly data logs processed

895
semiconductor tapeouts

25k
analysis templates in use

ECOSYSTEM REACH

10s of Ks
tools

from

100+
equipment
OEMs

at

>230
fabs connected

transmitting

Exabytes
of data between fabs, OSATs, fabless and OEMS

millions
of control parameters
executed every day

across

55k
300mm fab tools
connected for FDC

20+
OSATs connected

top 6
foundries

IT INFRASTRUCTURE

99.9%
uptime across all
8 regions

24/7
global
support

enabled on **all**
major cloud providers

1.2k
Cassandra & Spark nodes

SOC 2

and

ISO
27001:2022
certified

Our Partners - Based on Industry Standards & Integrated with Leading Solutions Providers



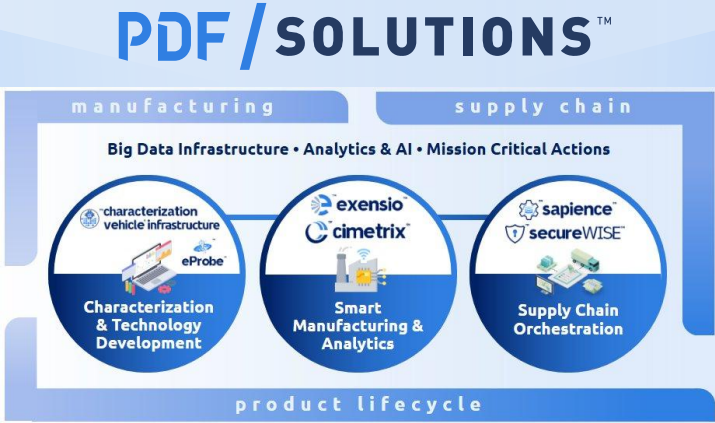
Financial: Links business & supply chain data with E2E manufacturing data for automation/analysis of quality & cost

Collaboration with pT agents: monitors integrated for rapid diagnosis of chip product health



Assembly: Differentiated data & enhanced solutions

Design: E2E manufacturing data integration with test pattern layout & design



MES: Integrated offering with PDF analytics

Test: Differentiated data and enhanced solutions for test



Cloud platform: analytics partner for semiconductor supply chain solutions – over 78 products cloud ready.

Security: network, applications & edge server security



Gen AI solution for fab systems performance and productivity improvement

Semiconductor **industry-standard** organizations



Trusted by the Top Companies in the Industry

Qualcomm

*"Exensio **links together the huge variety of data types** necessary to perform analysis **across the value chain**"*

- Dan Rubens (Manager, IT)

intel

*"PDFS **integrates data** [...] and provides templates **to standardize, streamline, and automate data access and analysis...**"*

- Aziz Safa (Corporate VP)

**ANALOG
DEVICES**

*"PDF Solutions: a partner **Committed, Experienced, and trusted** in the industry"*

- Michael O'Sullivan (VP)

RENESAS

*"Exensio GA is rolled out to **~96% of production volume** and more than **~2000 products** loaded to PDF cloud database"*

- Helen Yu (VP)

ST

*"The benefits of test cell automation with PDF Solutions include **OEE Improvement, large labor saving, and ECC reduction**"*

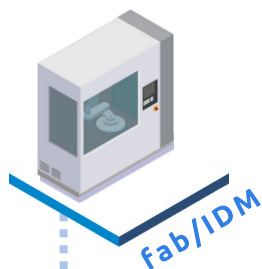
- Massimo Longaretti (Manager)

GlobalFoundries™

*"Without Remote Tool Operations **we would have ground to a halt** (during COVID)"*

- Randy Bakken (Engineer)

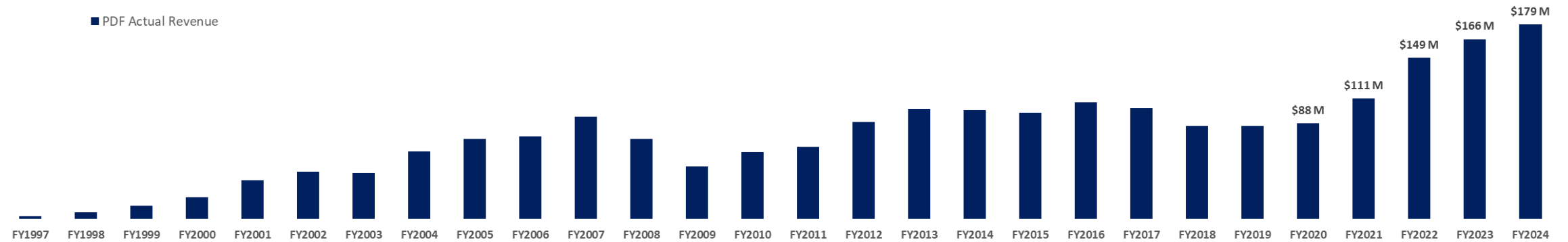
Working across the entire semiconductor ecosystem



Representative companies, not intended to disclose customers

As the Industry Evolves, Our Platform Expands through Acquisitions and R&D Investment

PDF Solutions Revenue



Big Data Infrastructure, AI

exensio™
Big Data API

exensio™
PDF Platform

exensio™
Manufacturing Data Lake

exensio™
Guided Analytics

exensio™
ModelOps

exensio™
Studio AI

Supply Chain Orchestration

exensio™
Test Operations

secureWISE™
Data Exchange Network

sapience™
Manufacturing Hub

sapience™
Supply Chain Hub

secureWISE™

Smart Manufacturing

exensio™
FDC

exensio™
Big Data YA FDC

exensio™
Traceability

exensio™
Manufacturing Analytics

cimetrix™

sapience™

cimetrix™
EquipmentTwin

Characterization & Technology Dev

Integrated Yield Ramp

characterization vehicle infrastructure

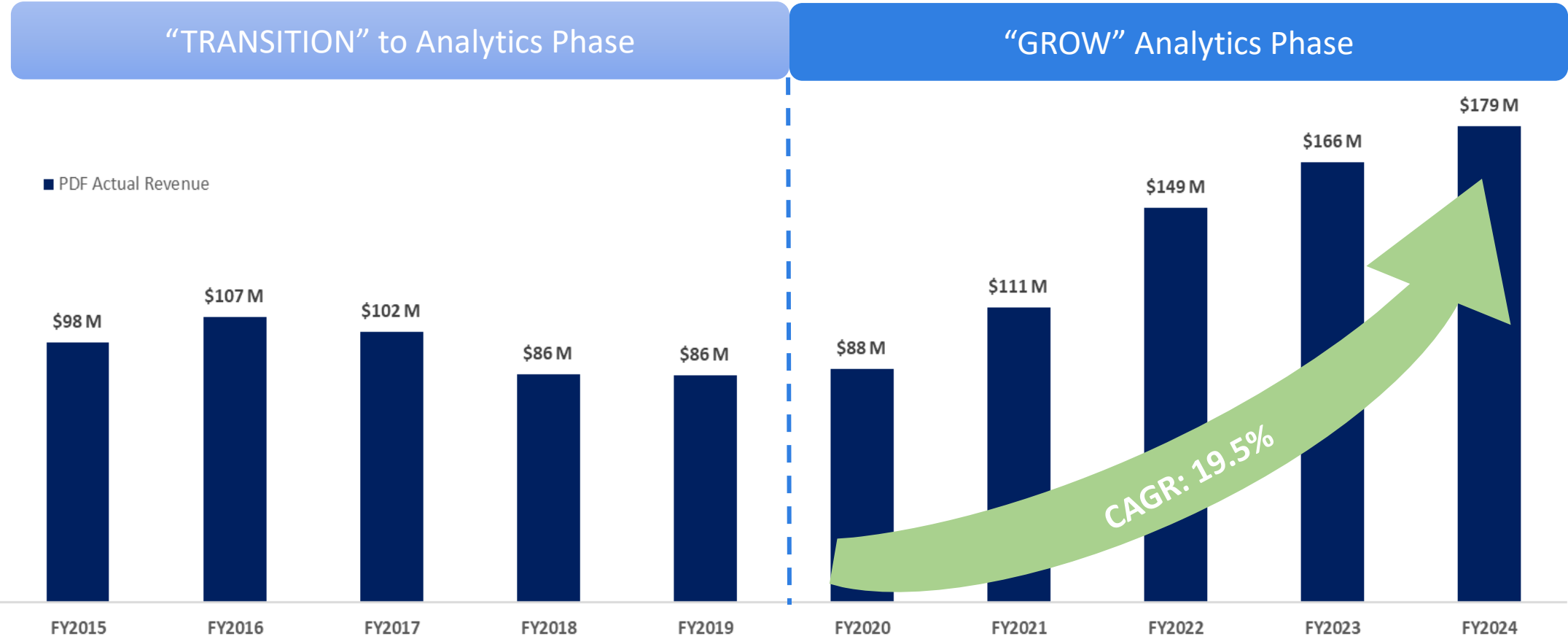
Yield Analysis

exensio™
FIRE

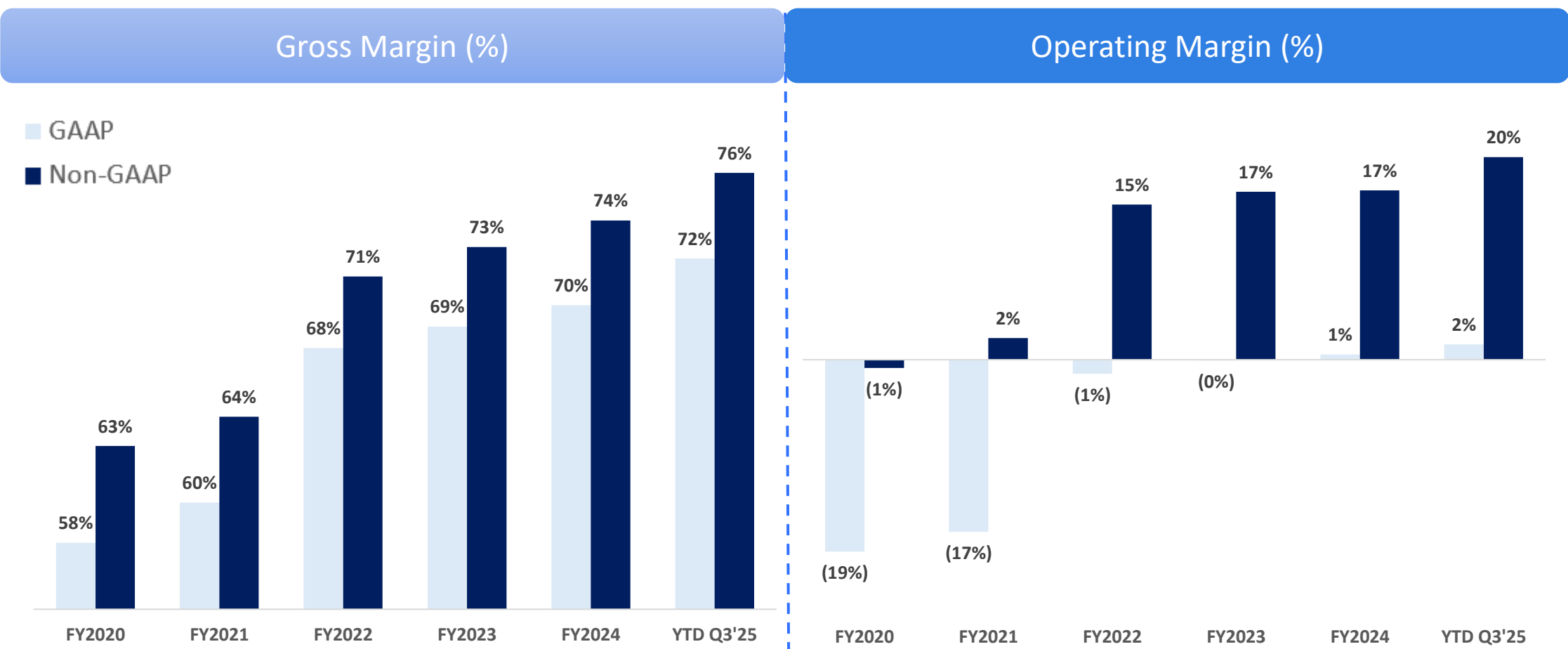
eProbe™

Continued Transition To Subscription Model

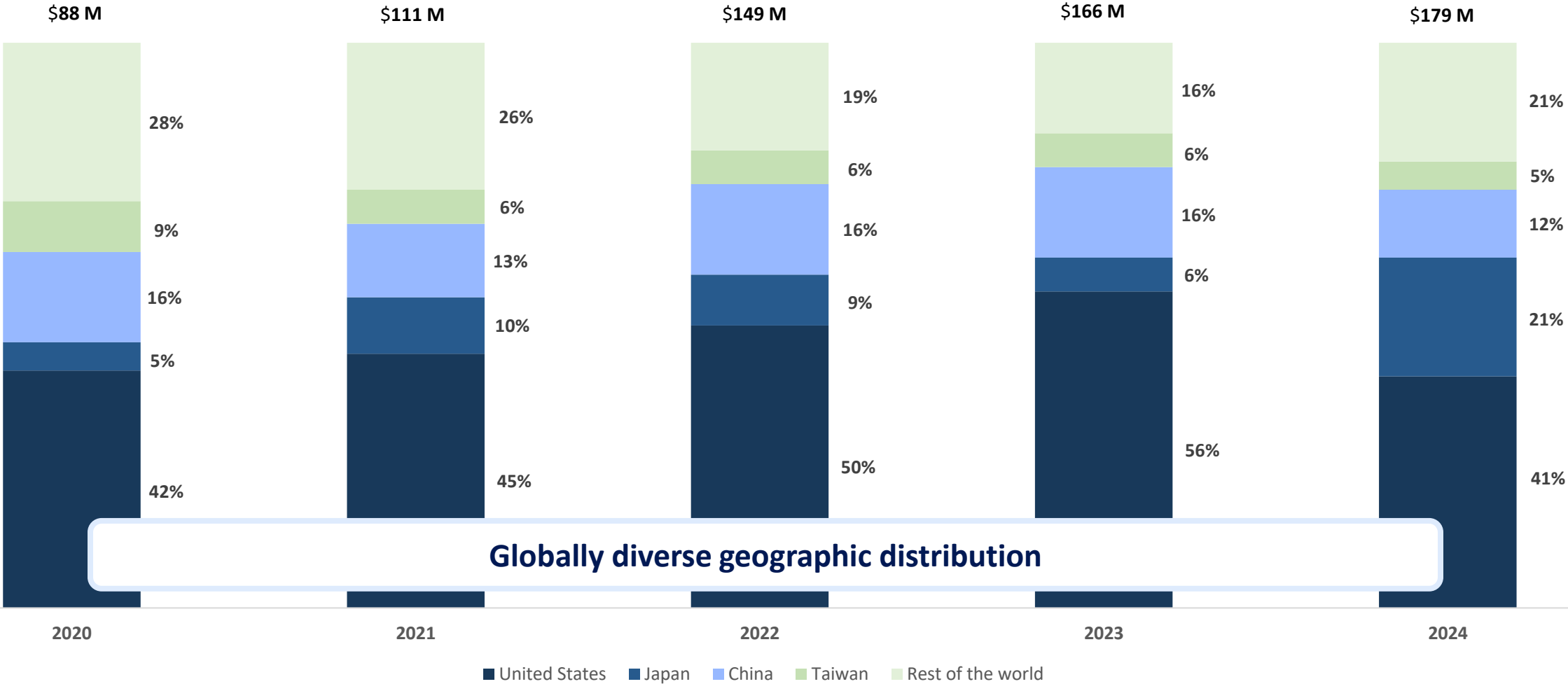
Annual revenue trend from FY2015 to FY2024



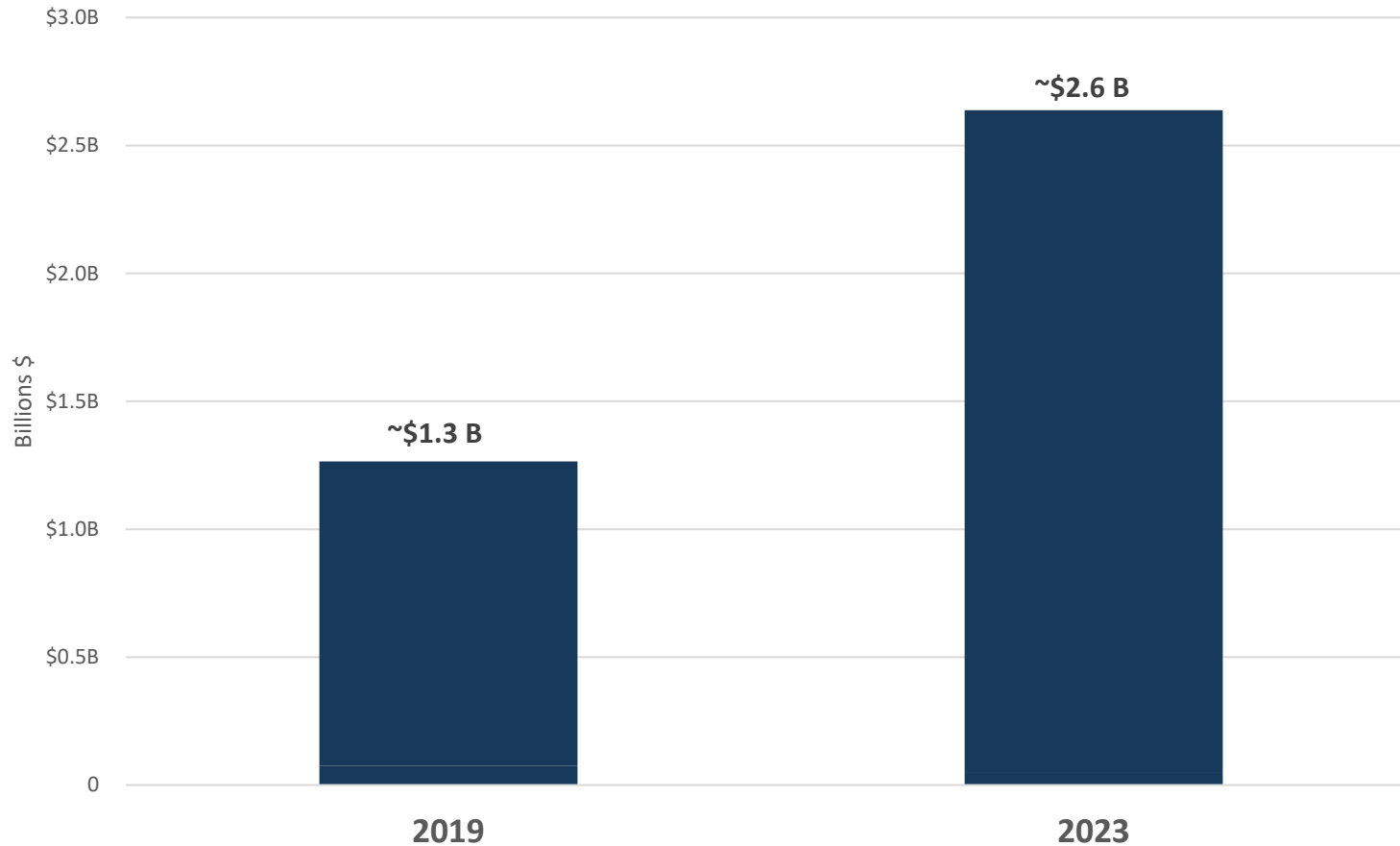
Annual and YTD Q3 2025 gross margin and operating margin trend



Global Geographic Revenue Distribution



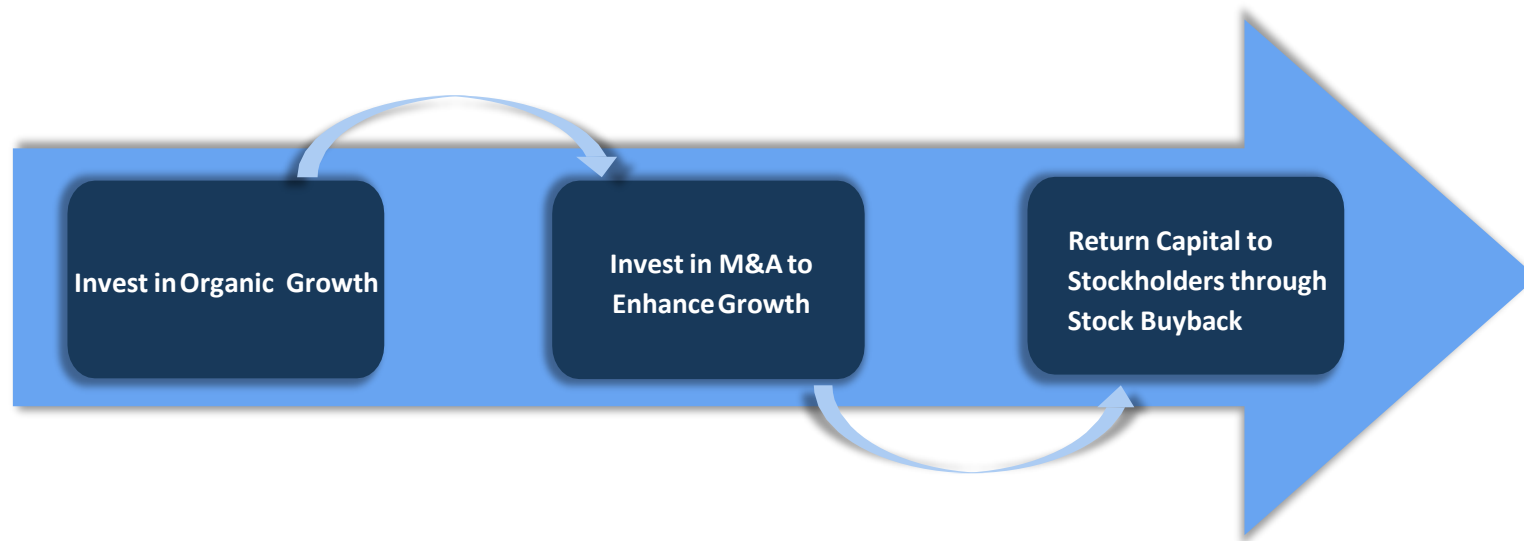
Market opportunity – PDF SAM



Source: PDF Solutions estimates

- SAM of more than \$2B (based on 2023 data)
- Growth drivers:
 - Adoption across supply chain
 - AI & advanced solutions
 - DFI/eProbe for quality & reliability
 - Cloud and data growth

Disciplined Capital Allocation

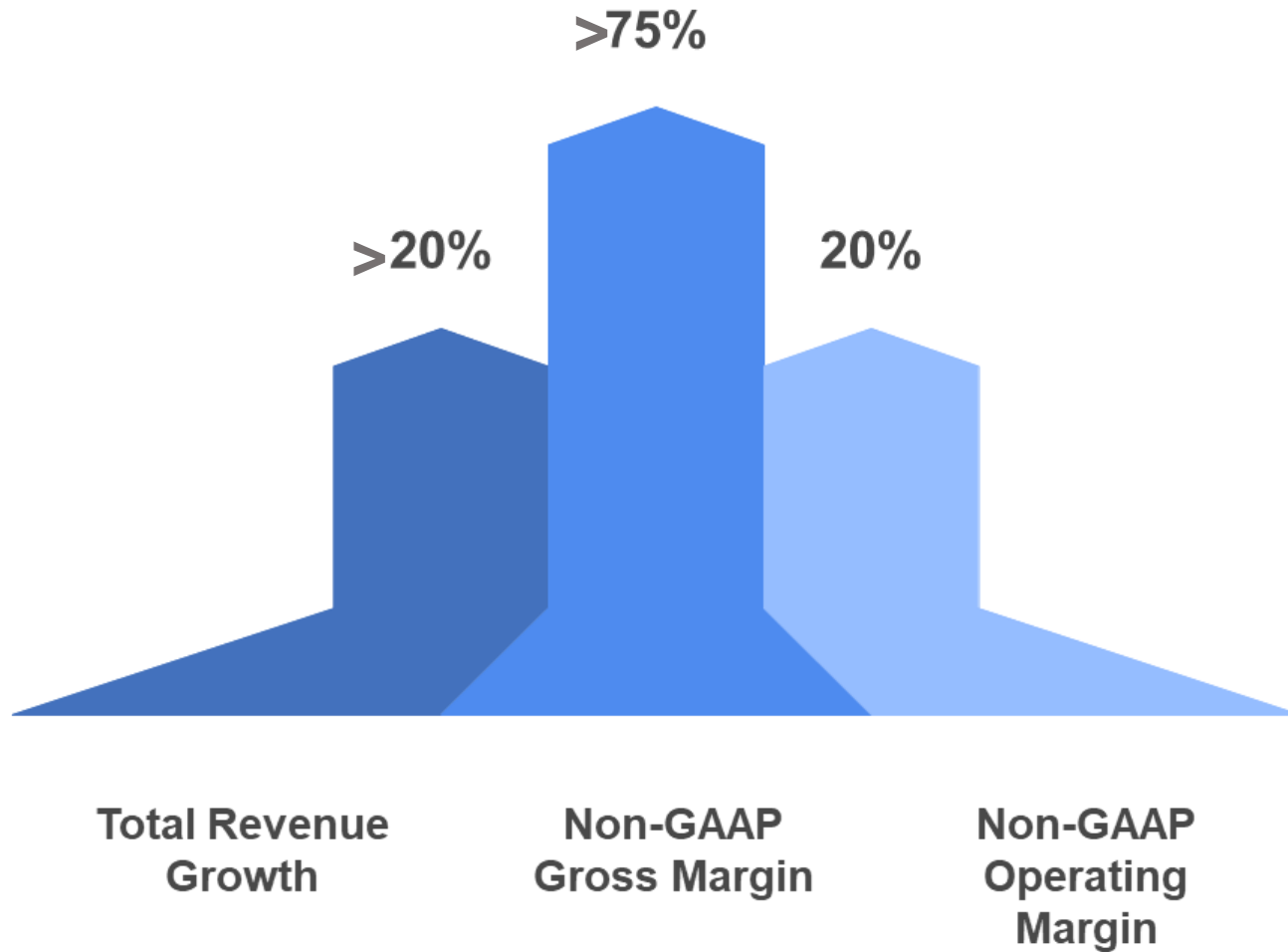


2020 to Q3'25

Latest Balance Sheet

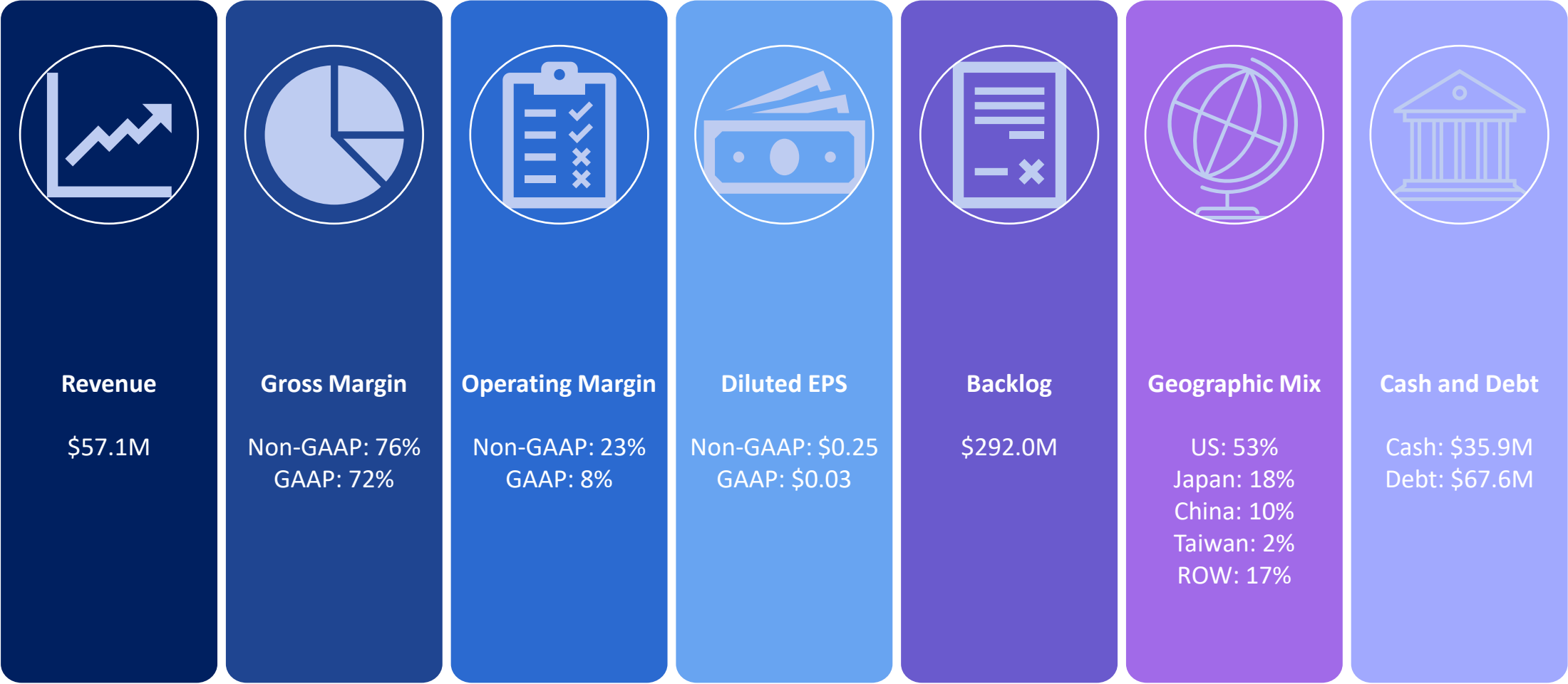
- Q3 2025 cash: **\$35.9M**
- Q3 2025 debt: **\$67.6M**

Long-term Target Financial Model



from 2023 Analysts Day

Q3 2025 Results Summary



Thank You

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@pdf_solutions



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@pdfs_cn



YOUTUBE
@pdf_solutions