



atomera

2Q 2018 Conference Call

Forward-Looking Statements

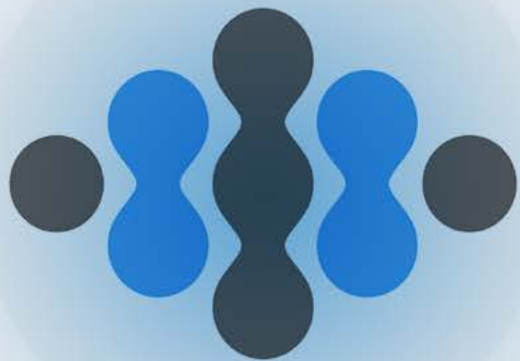
This presentation contains forward-looking statements concerning Atomera Incorporated (“Atomera,” the “Company,” “we,” “us,” and “our”). The words “believe,” “may,” “will,” “potentially,” “estimate,” “continue,” “anticipate,” “intend,” “could,” “would,” “project,” “plan,” “expect” and similar expressions that convey uncertainty of future events or outcomes are intended to identify forward-looking statements. These forward-looking statements are subject to a number of risks, uncertainties and assumptions, including those described in the “Risk Factors” section of our Annual Report on Form 10-K for the year ended December 31, 2017 filed with the SEC on March 6, 2018 (the “2017 Annual Report”). In light of these risks, uncertainties and assumptions, the forward-looking events and circumstances discussed in this presentation may not occur and actual results could differ materially and adversely from those anticipated or implied in our forward-looking statements. You should not rely upon forward-looking statements as predictions of future events. Although we believe that the expectations reflected in our forward-looking statements are reasonable, we cannot guarantee that the future results, levels of activity, performance or events and circumstances described in the forward-looking statements will be achieved or occur.

This presentation contains only basic information concerning Atomera. The Company’s filings with the Securities Exchange Commission, including the 2017 Annual Report, include more information about factors that could affect the Company’s operating and financial results. We assume no obligation to update information contained in this presentation. Although this presentation may remain available on the Company’s website or elsewhere, its continued availability does not indicate that we are reaffirming or confirming any of the information contained herein.

Company Overview

Transistor enhancement
technology for the
\$400B semiconductor market

Strong, Growing and
Defensible
Patent Portfolio

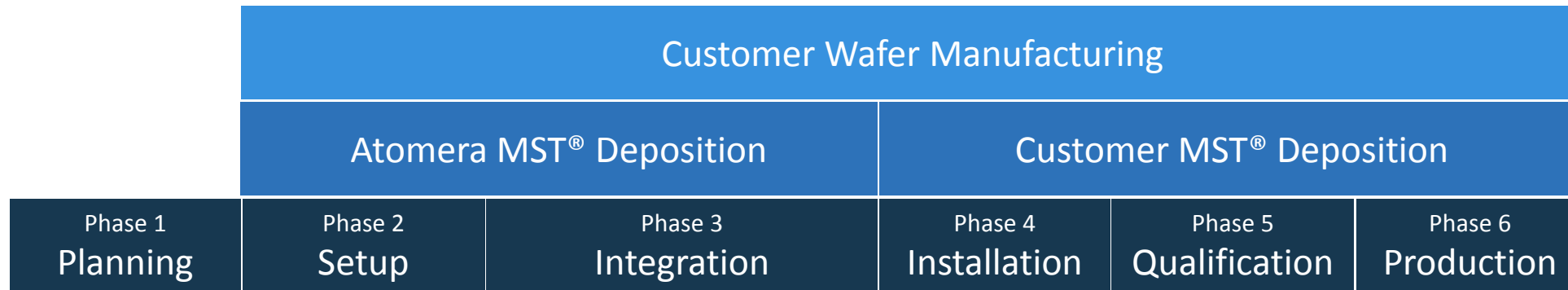


**Top Tier
Management Team**

High Leverage IP
Licensing Business Model

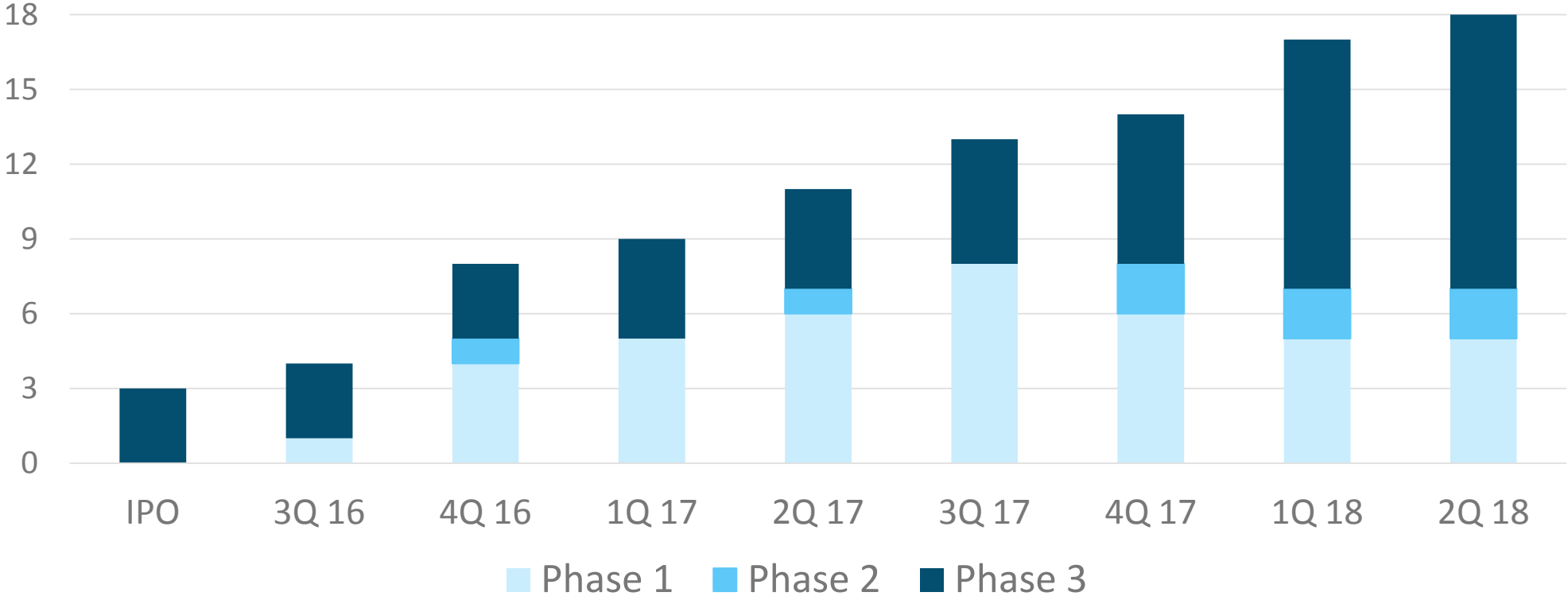
Technology at the Atomic Level

Customer Engagement Phases



Customer Engagement Pipeline

Number of Customer Engagements

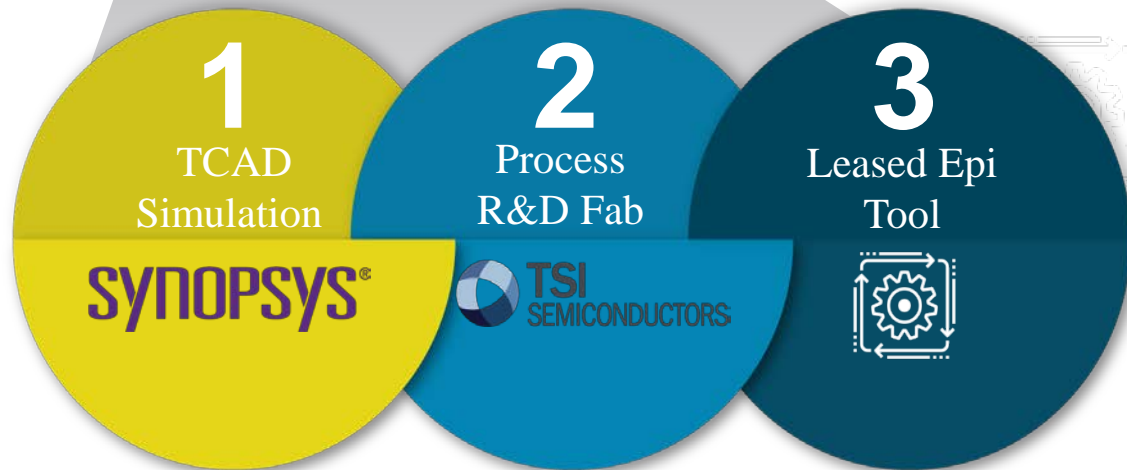
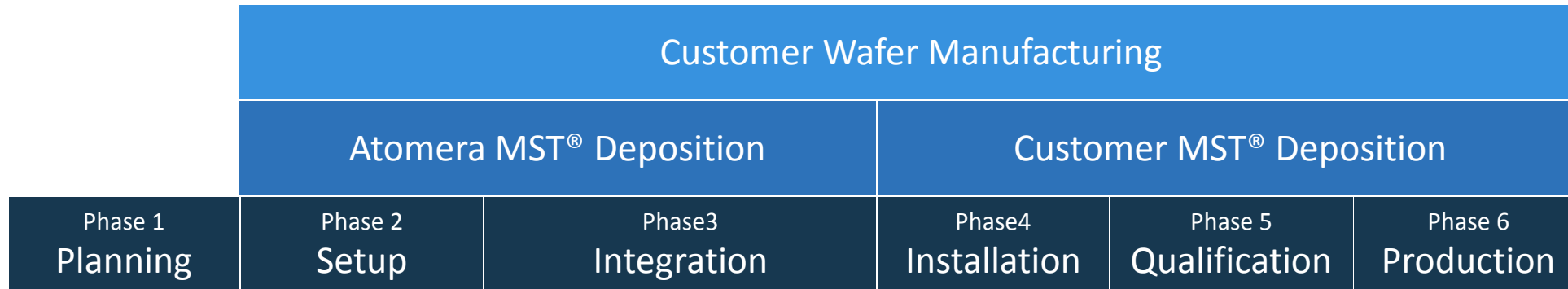


Now engaged with 50% of the world's top semiconductor makers*

* 10 of the top 20 (IC Insights, McClean Report 2017)

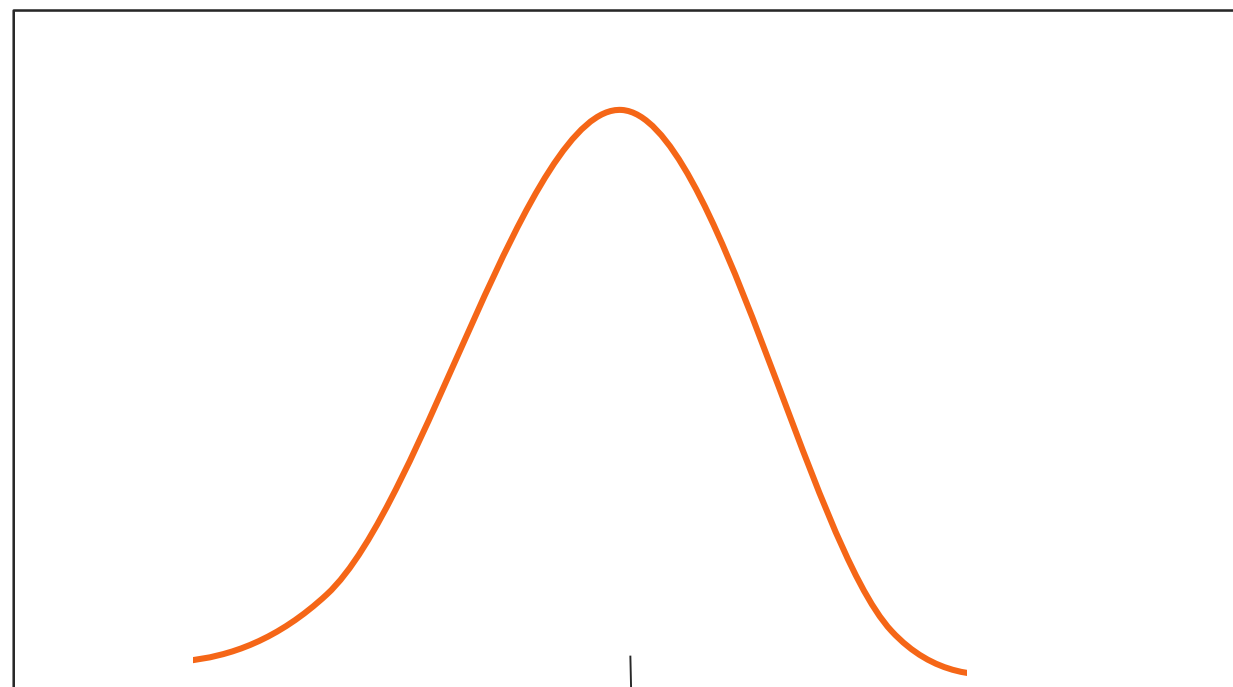


Shortening the Integration Phase



Maximizing MST Performance

*Performance
Gain*

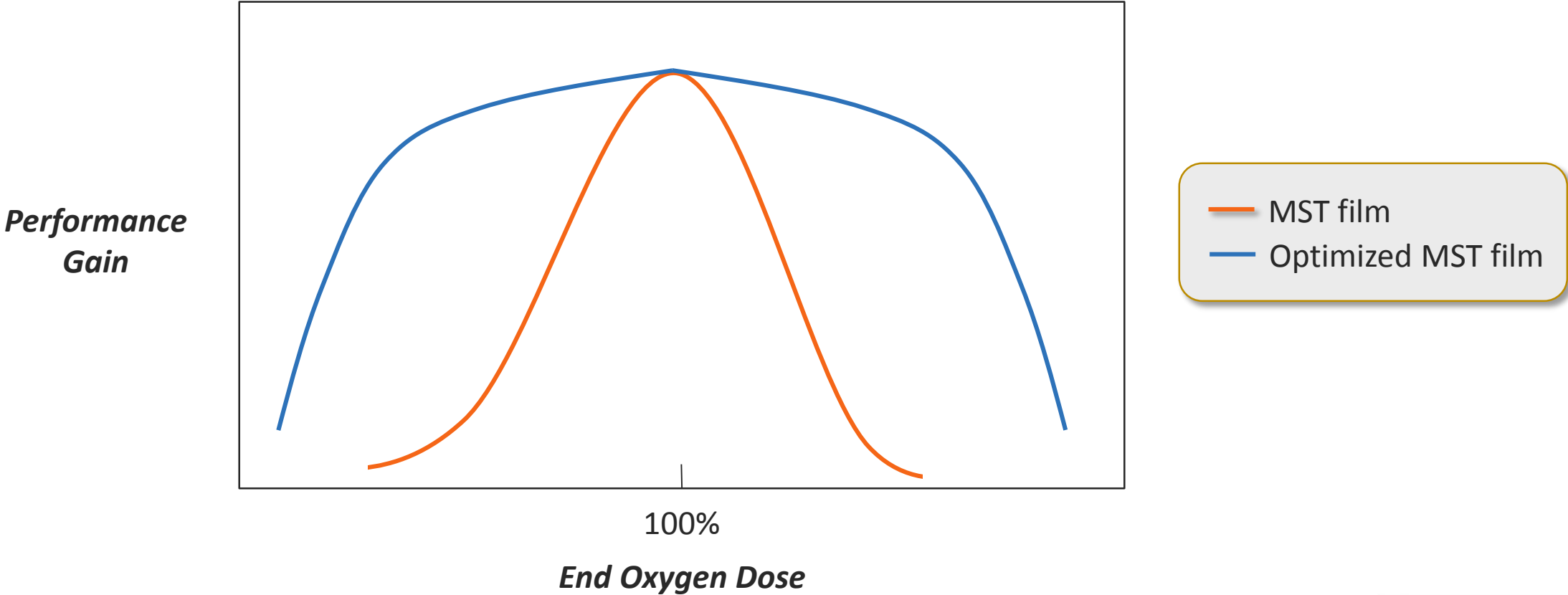


100%

End Oxygen Dose

— MST film

Maximizing MST Performance



MST and High-k/Metal gates



- Tests conducted on MST by the University of Notre Dame
- Results showed MST improved performance of High-k products
 - 23% mobility enhancement
 - 2.7x gate leakage reduction
- High-k/Metal gate widely used in advanced manufacturing nodes

Financials

	2018 YTD		2017			
	Q2 2018	Q1 2018	Q4 2017	Q3 2017	Q2 2017	Q1 2017
GAAP Results						
Revenue	\$0.1M	-	\$0.1M	-	-	-
Gross Profit	(\$0.02M)	-	\$0.1M	-	-	-
Operating Expense	(\$3.2M)	(\$3.1M)	(\$2.7M)	(\$3.3M)	(\$3.7M)	(\$3.6M)
Net Loss	(\$3.2M)	(\$3.1M)	(\$2.6M)	(\$3.3M)	(\$3.6M)	(\$3.5M)
Loss Per Share	(\$0.26)	(\$0.26)	(\$0.21)	(\$0.28)	(\$0.31)	(\$0.31)
Reconciliation between GAAP & Non-GAAP						
Net Loss (GAAP)	(\$3.2M)	(\$3.1M)	(\$2.6M)	(\$3.3M)	(\$3.6M)	(\$3.5M)
Interest Expense	-	-	-	-	-	-
Stock-Based Compensation	\$0.6M	\$0.5M	\$0.5M	\$0.9M	\$1.4M	\$1.2M
Adjusted EBITDA (Non-GAAP)*	(\$2.6M)	(\$2.6M)	(\$2.1M)	(\$2.4M)	(\$2.2M)	(\$2.4M)
Cash at June 30, 2018	\$12.3M					
Shares Outstanding at June 30, 2018	12.4M					

* For a full reconciliation of GAAP and non-GAAP results, please see our press release issued August 8, 2018.

Summary

- Reached 18 total engagements with 14 different customers
- 11 engagements in critical integration phase
- In multi-process engagements with four customers
- First wafer run being planned using customer-installed Epi tools
- New MST recipe should speed integration process and improve manufacturability
- New results in High-k/Metal Gate expand our technology reach
- Building momentum to commercialization



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