



# Corporate Overview for Investors

FEBRUARY 2022



## Forward-Looking Statements

This presentation contains forward-looking statements including, but not limited to, statements regarding Synopsys' short-term and long-term financial targets, expectations and objectives; business outlook, opportunities and strategies; customer demand and market expansion; strategies related to our products and technology; our planned product releases and capabilities; industry growth rates; software trends; planned acquisitions and buybacks; our expected tax rate; the expected impact of U.S. and foreign government action on our financial results; and the continued impact and duration of the COVID-19 pandemic. These statements involve risks, uncertainties and other factors that could cause our actual results, time frames or achievements to differ materially from those expressed or implied in our forward-looking statements. Such risks, uncertainties and factors include, but are not limited to: risks from the continued impact of the COVID-19 pandemic on the global economy and on our business, operations and financial condition; macroeconomic conditions and uncertainty in the global economy; uncertainty in the growth of the semiconductor and electronics industries; the highly competitive industry we operate in; consolidation among our customers and our dependence on a relatively small number of large customers; risks and compliance obligations relating to the global nature of our operations as well as actions by the U.S. or foreign governments, such as the imposition of additional tariffs or export restrictions; and more. Additional information on potential risks, uncertainties and other factors that could affect Synopsys' results is included in filings it makes with the Securities and Exchange Commission from time to time, including in the sections entitled "Risk Factors" in its Annual Report on Form 10-K for the fiscal year ended October 31, 2021 and in its latest Quarterly Report on Form 10-Q. The information provided herein is as of February 16, 2022. Synopsys undertakes no duty, and does not intend, to update any forward-looking statement, whether as a result of new information, future events or otherwise, unless required by law.

## Regulation G

In addition to financial results prepared in accordance with Generally Accepted Accounting Principles, or GAAP, this presentation also contains certain non-GAAP financial measures. Except for certain forward-looking non-GAAP financial measures for which a reconciliation is not possible without unreasonable efforts, reconciliations of the non-GAAP financial measures (either contained in this presentation or given verbally) to their most comparable GAAP measures are included in the table at the end of this presentation, along with the first quarter of fiscal year 2022 earnings release and financial supplement, dated February 16, 2022, and available on Synopsys' website at <https://www.synopsys.com/company/investor-relations/financial-news.html>.

# Synopsys: The Market & Technology Leader

## Broad Product Portfolio

Electronic Design Automation (EDA)

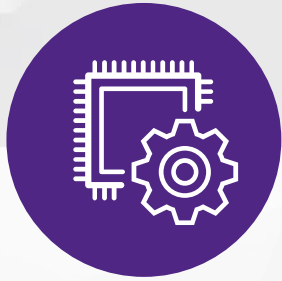
Semiconductor Intellectual Property (IP)

Software Security and Quality

	FY21	FY22 Targets <sup>(1)</sup>
Revenue:	\$4.20B	\$4.775B - \$4.825B
Growth Rate:	14.1%	14% - 15%
Non-GAAP Operating Margin:	30.5%	~31.9%* *Midpoint of range
Non-GAAP EPS:	\$6.84	\$7.85 - \$7.92
Growth Rate:	23.2%	15% - 16%
Operating Cash Flow:	\$1.49B	~\$1.45B - ~\$1.5B
Business Model:	Time-based, recurring revenue model; Non-cancellable backlog	

(1) These targets are being provided by Synopsys as of February 16, 2022; a GAAP to non-GAAP reconciliation of FY22 Operating Margin targets and FY22 EPS targets are included at the end of this presentation

# Synopsys: The Market & Technology Leader



## Electronic Design Automation

**~35 years** of investment and execution

**~65%** of revenue

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**Market Leader**



## Semiconductor IP

**>20 years**

**~25%** of revenue

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**#2 IP Vendor**



## Software Integrity

**~7 years**

**~10%** of revenue

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**Emerging Leader,  
Broadest Portfolio**

# Long-term Financial Objectives<sup>1</sup>

While the results in any given period will vary due to timing of product deliverables, acquisitions or other near-term priorities, our long-term, multi-year objectives<sup>2</sup> are:

## Revenue

Annual double-digit growth

- EDA: double-digits
- IP: mid-teens
- SIG: 15-20%

## Margin

Annual non-GAAP  
operating margin expansion  
of more than 100 bps

## Earnings

Annual non-GAAP EPS  
growth in the  
mid-teens range

Utilize our strong cash flow for organic investments, M&A and share buybacks

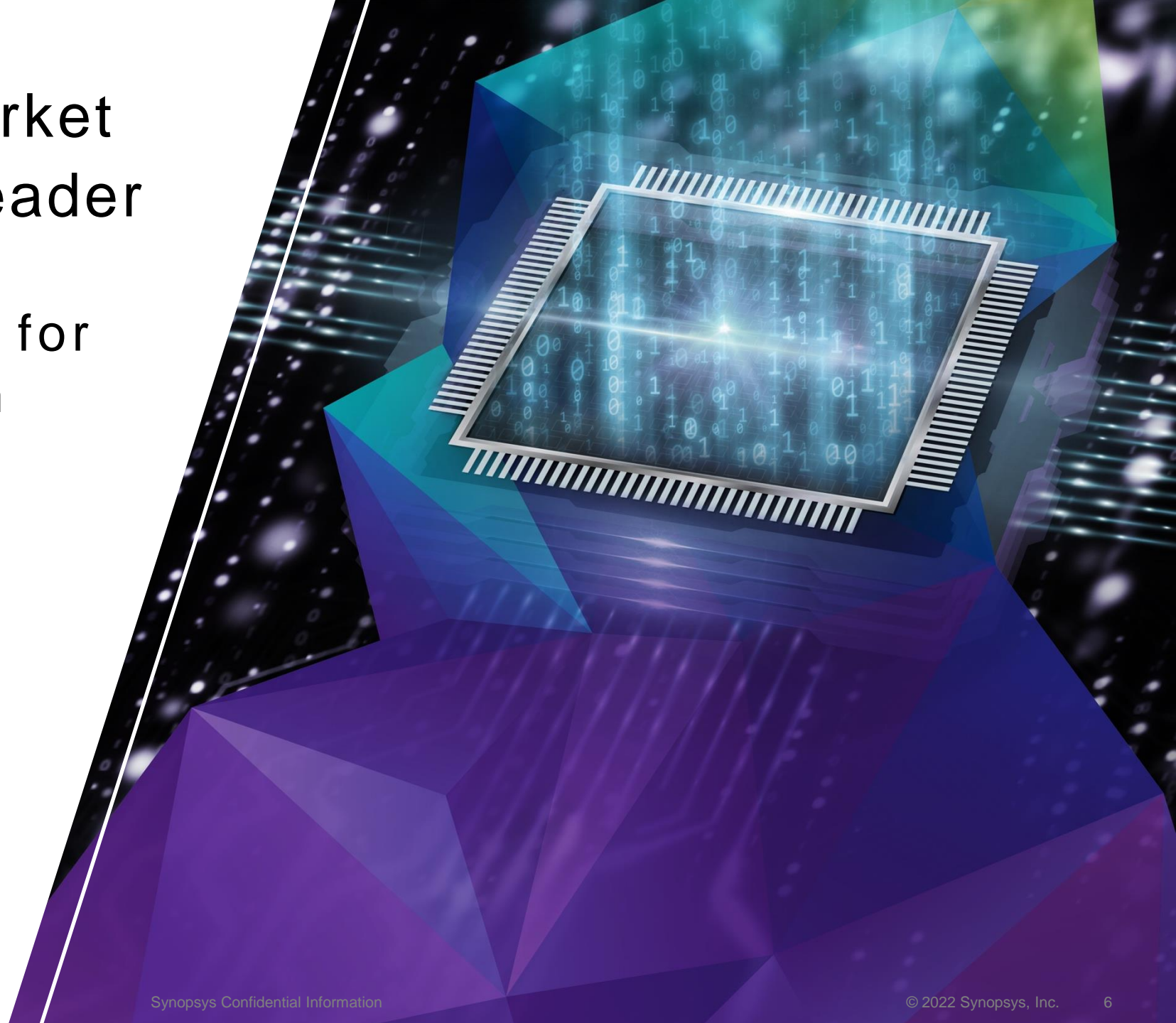
1. These multi-year objectives are provided as of February 16, 2022.

2. Period to period fluctuations are a normal element of our business, driven particularly by timing of hardware and IP deliveries. Variability, which increased as a result of Accounting Standards Code (ASC) 606 adoption, should be expected.

# Synopsys: The Market and Technology Leader

Uniquely Positioned for Stability and Growth

- ▶ Robust End Markets Driving Growth
- Clear Technology Leadership
- Financial Strength and Growth



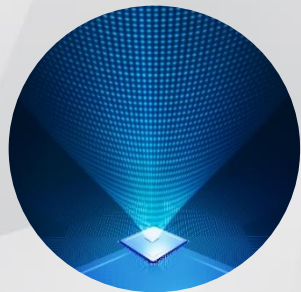


# Global Value Chain – 2021E

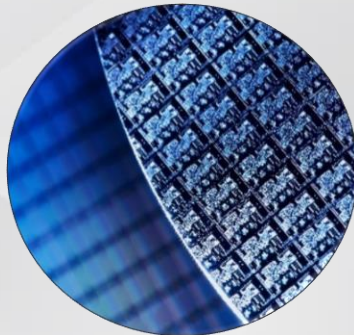
## EDA & IP – At the Heart of Accelerating Electronics Innovation



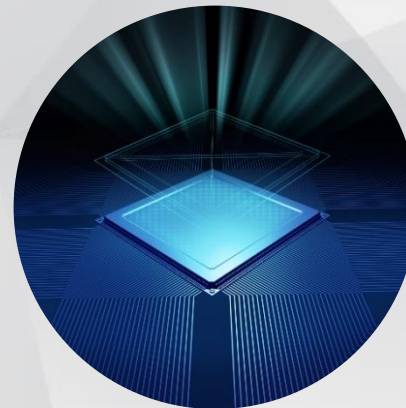
**EDA & IP**  
**\$14.0B**



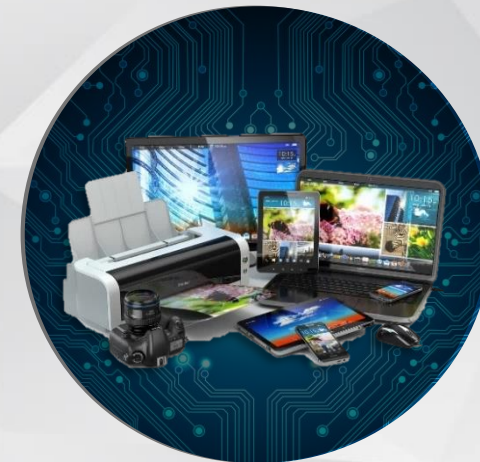
**Embedded Software**  
**\$12.8B**



**Foundry**  
**\$107.2B**



**Semiconductors**  
**\$613.9B**

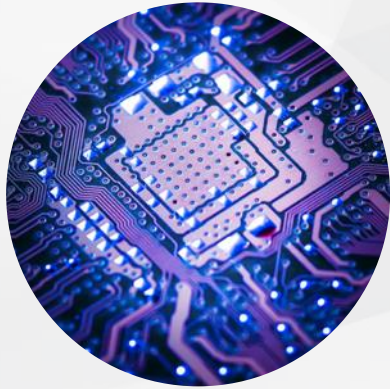


**Electronic Systems**  
**\$1,850B**

Sources: ESD Alliance, Ipnest (Apr 2021), MarketsandMarkets (Mar 2020), IC Insights (Jan 2022), Internal estimates (Jan 2022)

# Blue Chip, Diversified Customer Base

## Semiconductors



- Semi R&D (including EDA) is a top investment priority for semi and system customers in all phases of business cycle
- Consists of virtually all semiconductor companies in the world, including all of the top 20
- One >10% customer in FY21

## Systems



- >40% of our revenue comes from systems companies
- Systems companies develop chips as an input to an end product, rather than selling the chip itself
- Verification challenges are rapidly growing at the intersection of hardware and software

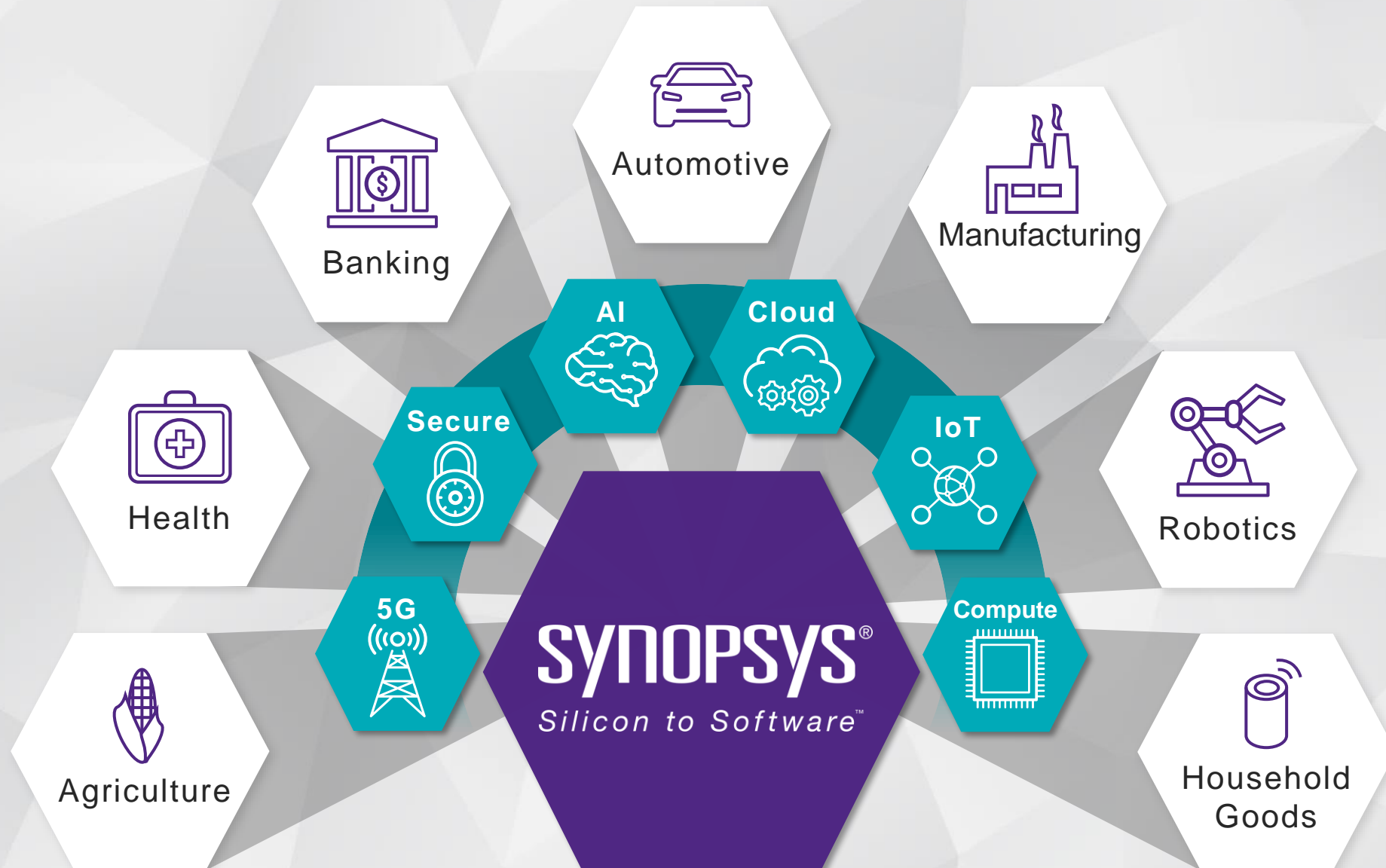
## Software Developers



- Key function across all industries: semis and systems, to enterprises in segments such as financial services, medical devices, automotive, and industrial
- Targeting software developers
- Immense software complexity challenges plus high impact of security vulnerabilities

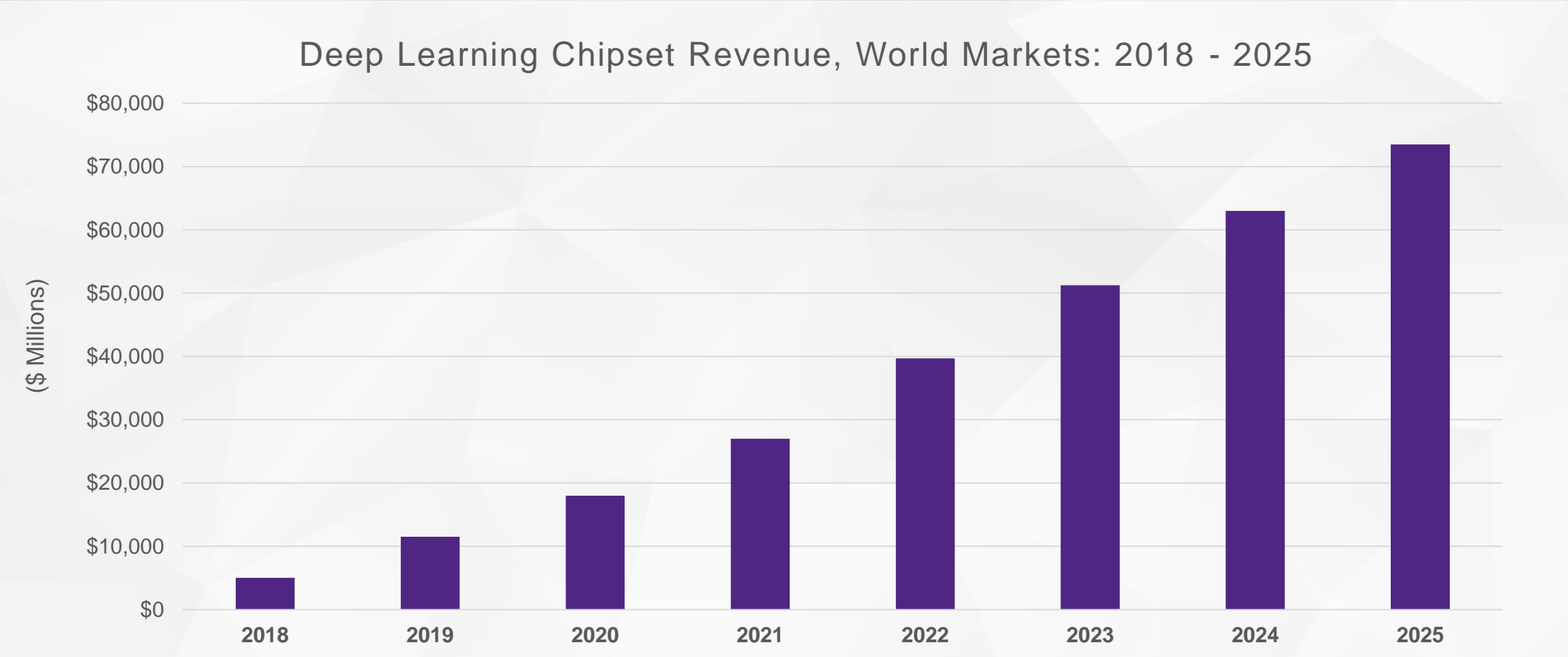


# Demand for “Smart Everything” is Impacting Every Vertical



# Artificial Intelligence Market Growth

Deep Learning Chipset Market to Reach \$72B by 2025

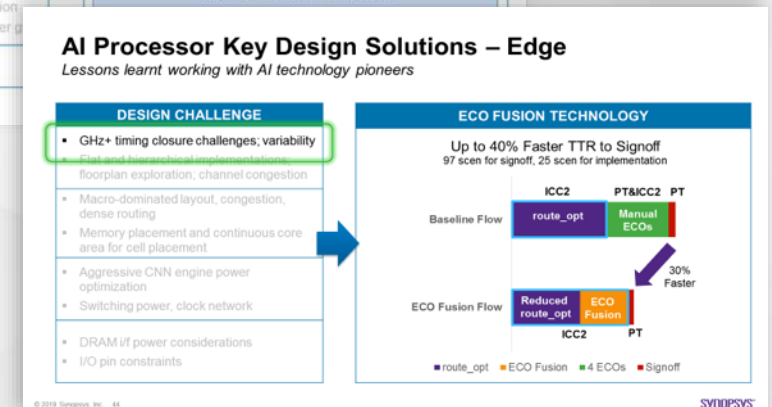
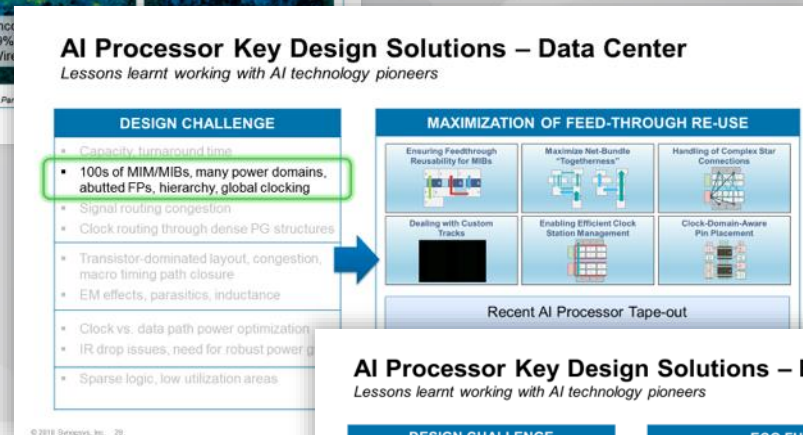
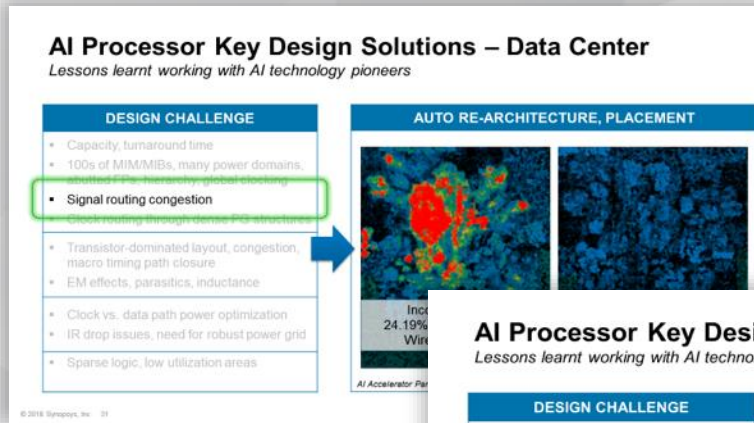


Source: Tractica 2019

# Enabling and Leveraging the Potential of AI

## Design and Verification Tools for AI Processors

- Multiple years of collaboration alongside AI pioneers – deep understanding of AI design implications and challenges
- Verification solutions from architecture to simulation to emulation and prototyping
- Fusion Design Platform™ significantly enhanced to address AI processor design challenges



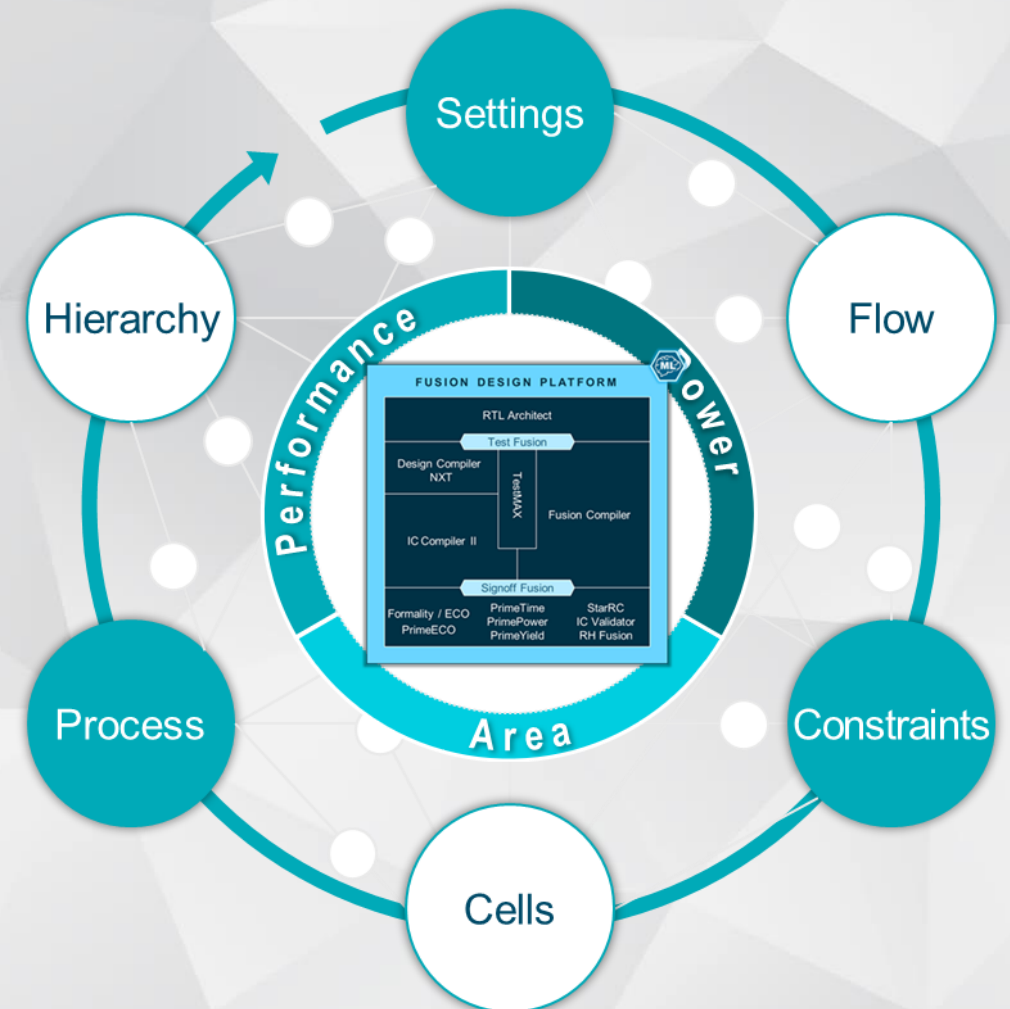


# Enabling and Leveraging the Potential of AI

## Leading AI-based Chip Design Technologies

- DSO.ai (Mar. 2020): The world's first AI-driven design solution, delivers a significant leap in designer productivity
- “ML Everywhere” enables continuous improvement for better PPA and faster TTR
- “Synopsys’s PrimeTime with new machine-learning technology allows us to complete ECO runs in hours versus the days it took before, and reuse learnings across blocks, hierarchies, and even design styles.”

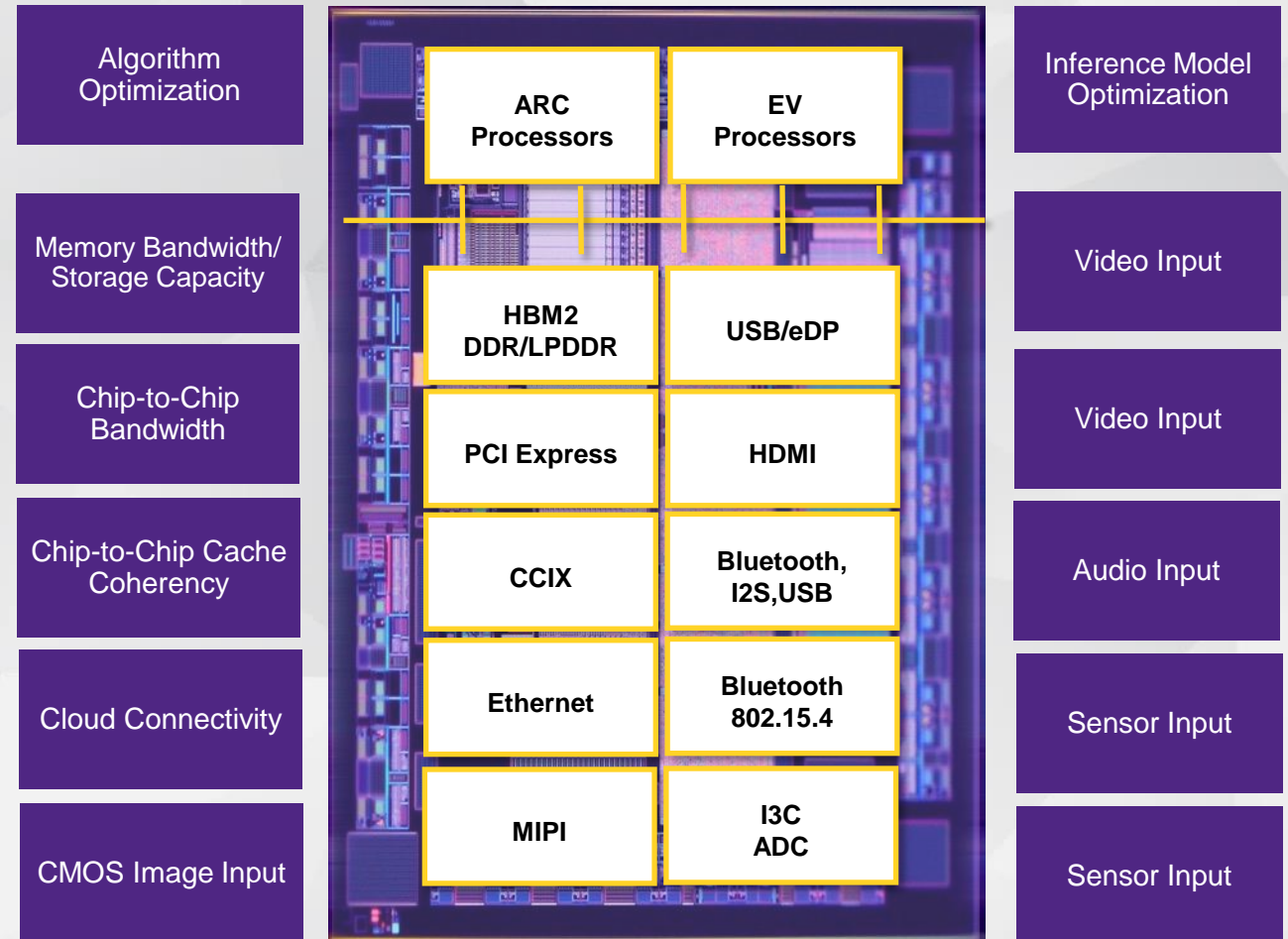
- Renesas



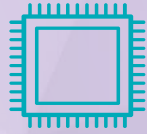
# Enabling and Leveraging the Potential of AI

## IP Solutions Designed for AI Applications

- Proven IP solutions accelerate time-to-market
- Memory/interface/analog IP designed to handle the uniquely intensive AI demands of memory capacity, bandwidth and coherency
- ABI Research forecasts AI chipset sales to exceed \$10B in 2024 with SoCs across all markets containing AI capabilities



# Automotive – A Case Study



## CHIPS

4 Billion transistors



## SYSTEMS

Infotainment, GPS, Drivetrain, Sensors



## SOFTWARE

>150M Lines of Code per vehicle



## ARTIFICIAL INTELLIGENCE

Big Data, Capture, Analyze, Decision Making



## AUTONOMOUS DRIVING

Systems of Systems



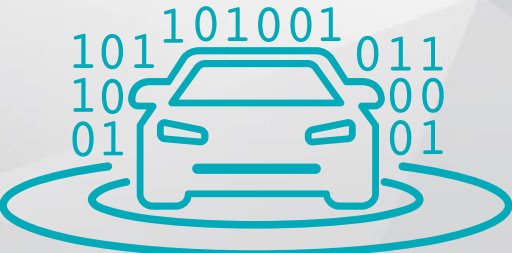
## OWNERSHIP & INFRASTRUCTURE

Entire Ecosystem



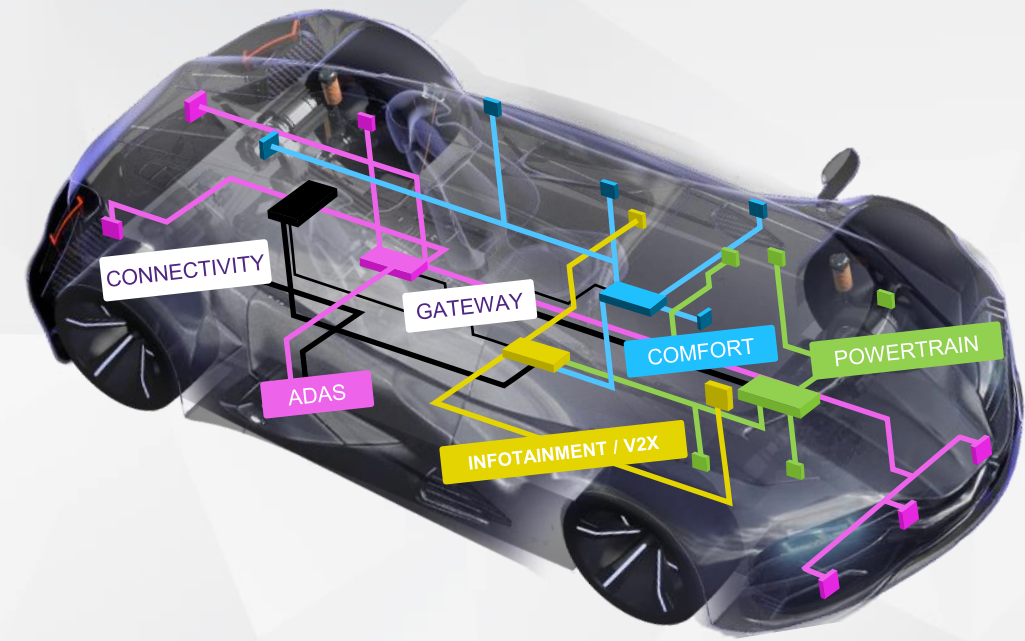
# New Electronics Architecture Required

Integrated Compute and Smart Sensor Architecture Requires Redesign



DOMAINS					REQUIREMENTS
Powertrain	ADAS	Comfort	Infotainment/V2X	Gateway	
●	●	●	●	●	
●	●	●	●	●	
●	●	●	●	●	
●	●	●	●	●	
●	●	●	●	●	
FUNCTIONAL SAFETY					
SECURITY					
RELIABILITY (Silicon Aging)					
SW DEVELOPMENT (Early SW, Secure, OTA validation)					
AI/ DEEP LEARNING					
LOW POWER					

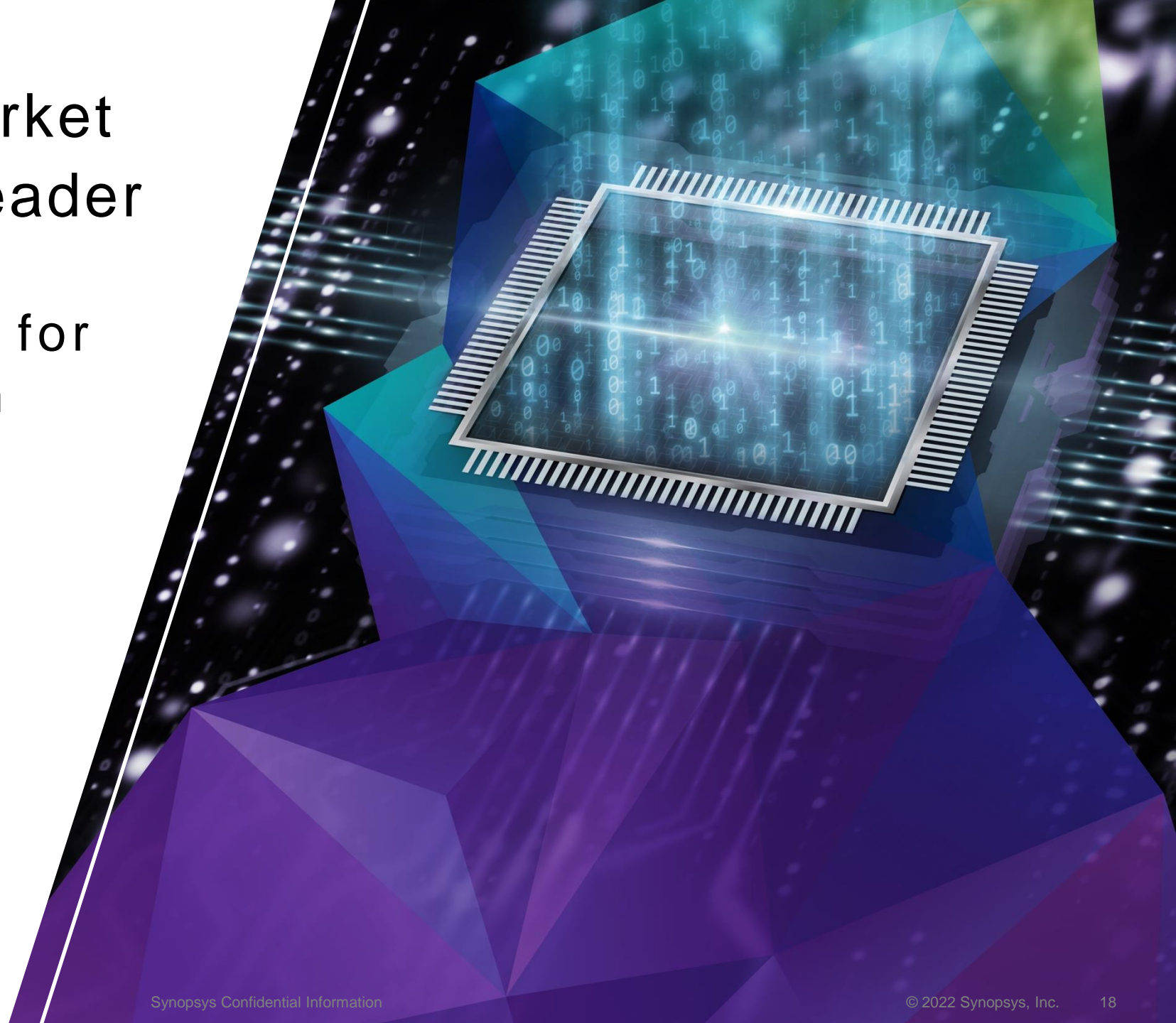
- Integrated Controllers per Domain
- Sensor Fusion
- Connectivity and upgradeability
- Highest reliability, security and safety



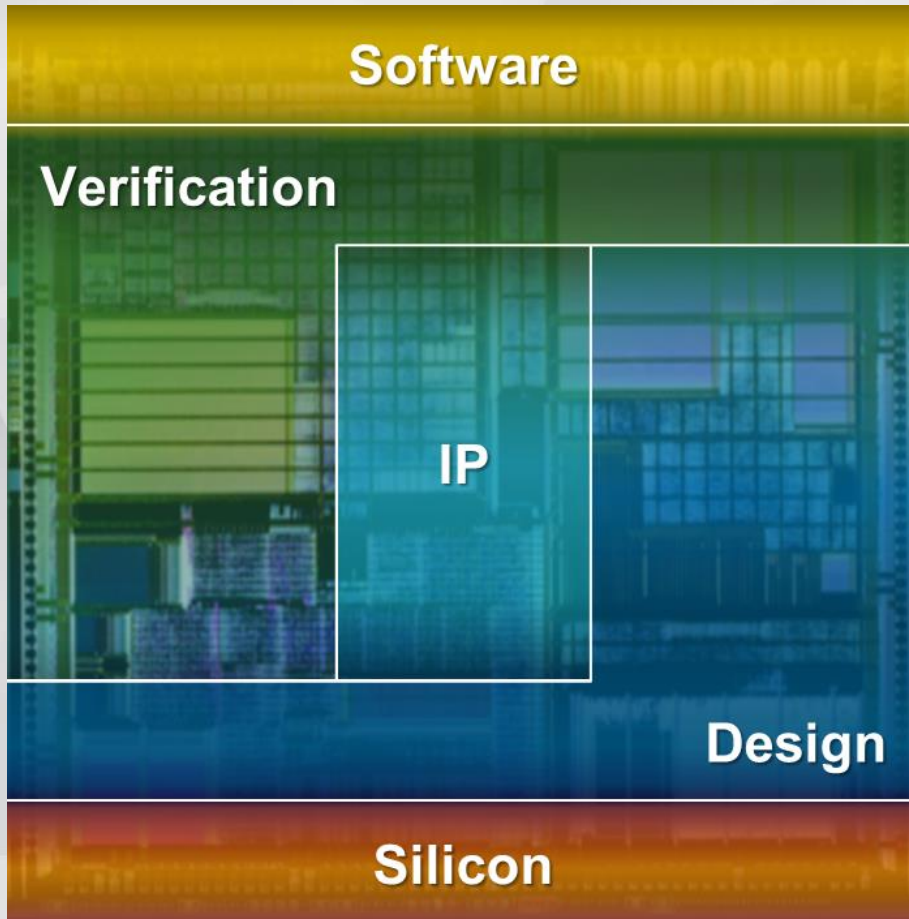
# Synopsys: The Market and Technology Leader

## Uniquely Positioned for Stability and Growth

- Robust End Markets Driving Growth
- ▶ Clear Technology Leadership
- Financial Strength and Growth



# Synopsys: Silicon to Software



## Software

- Application security & quality testing
- Leader in Gartner's Magic Quadrant

## Verification

- Fastest engines & unified platform
- HW/SW verification & early SW bring-up

## IP

- Broadest portfolio of silicon-proven IP
- #1 interface, embedded mem. & physical IP

## Design

- Digital & custom AMS platforms
- Long-standing market leader
- Best quality of results & highest productivity

## Silicon

- TCAD, lithography tools & yield optimization
- Down to 5nm & below



# LEADER IN EDA

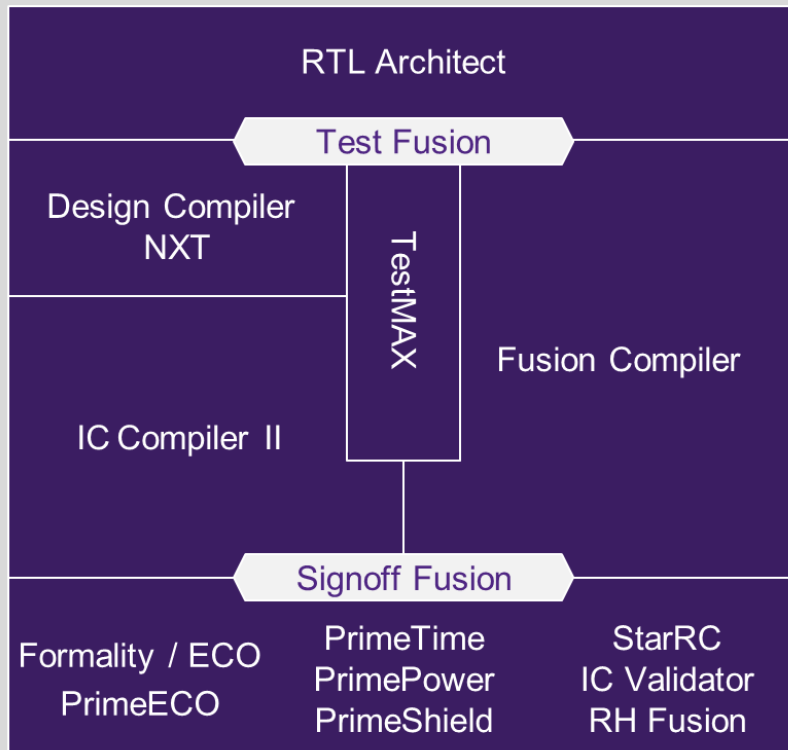
- Market and technology leader in EDA, the tools and technologies used to design semiconductor chips and systems
  - ~\$8.9 billion market\*; generally tracks semiconductor R&D spend over time
- Growth drivers: all aspects of chip & system complexity
- All leading semiconductor companies in the world use Synopsys technology
- State-of-the-art design and verification platforms with unmatched global support

\* 2021E; Source: ESD Alliance, Internal estimates (Jan 2022)

# #1 in Digital Design: Synopsys Fusion Design Platform™



## FUSION DESIGN PLATFORM



### Fusion Architecture

#1 Anchors: Synthesis, P&R, Signoff  
Fusion of algorithms, engines, data model

### Innovative Products

Industry Unique Fusion Compiler  
DC NXT, TestMAX, IC Validator NXT

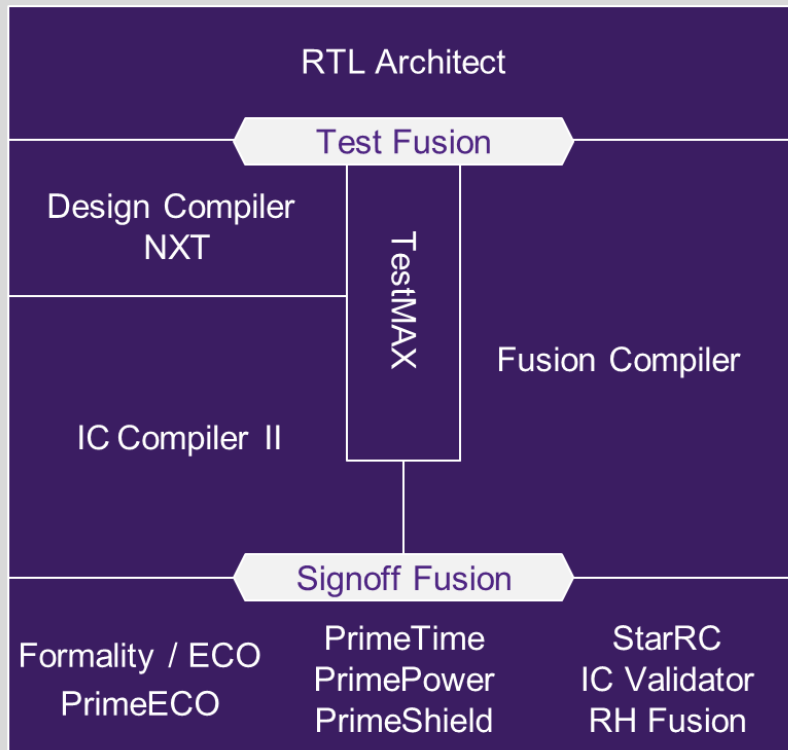
### Market Leadership

AI-enhanced tools, AI-driven apps  
Cloud-ready

# Synopsys Fusion Compiler™



## FUSION DESIGN PLATFORM



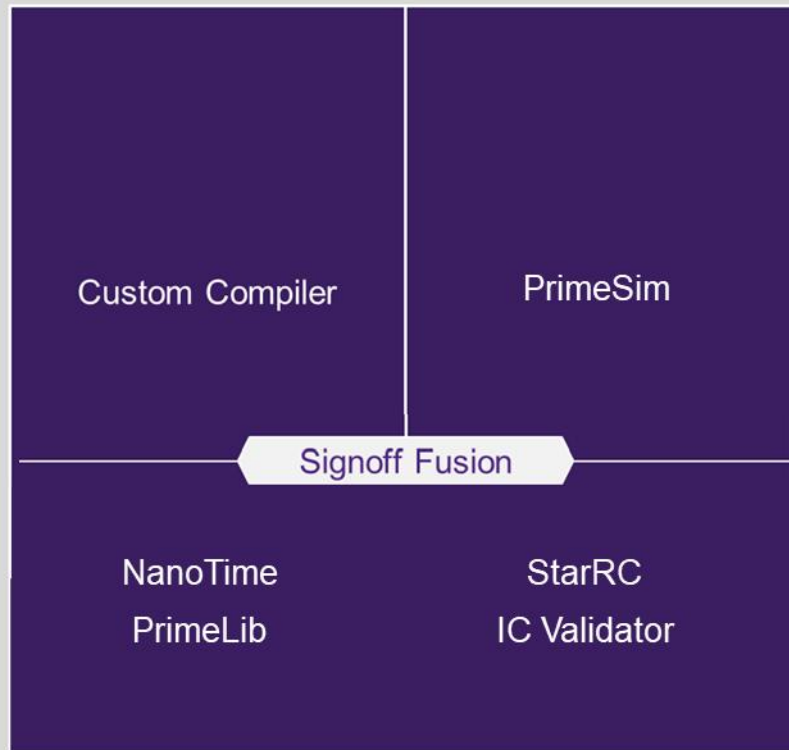
- Only single product on market with innovative next-generation integration of synthesis, place & route and key signoff technologies
- Built with market-leading products
- Redefines conventional product boundaries; sharing of algorithms, code and data model
- New synthesis engine, developed from ground up for significantly higher capacity & performance
- Strong momentum with considerable benchmark wins and competitive displacements, driving accelerating digital design revenue growth



# Custom Design Platform



## CUSTOM DESIGN PLATFORM



### Innovative Products

Industry anchors HSPICE, CustomSim, FineSim  
Custom Compiler Next-generation custom layout

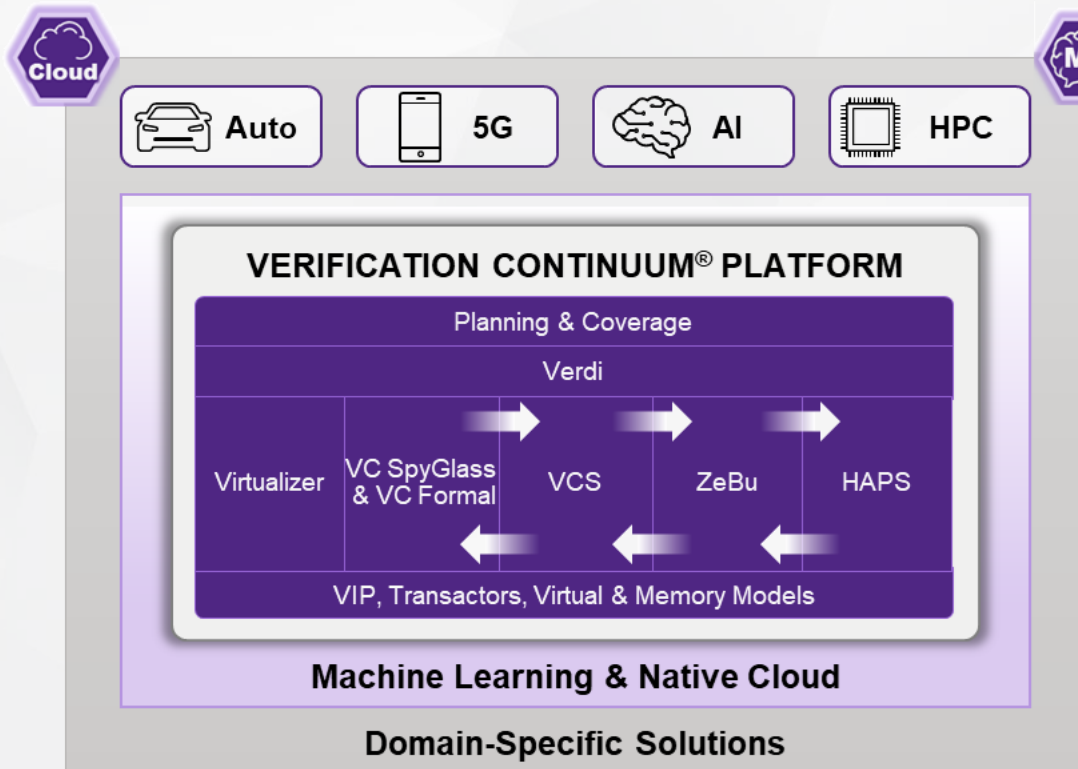
### Competitive Differentiation

Flexible, open environment  
Faster custom design closure

### Market Momentum

PrimeSim launched in March 2021  
Multiple full flow competitive displacements

# Verification Continuum<sup>®</sup> Platform



## Best-in-Class Verification

Complete platform with #1 products in all categories, hardware-based and software-based

## Fastest Engines

Highest-performance engines speed time-to-market

## Accelerating Innovation

Investing in domain-specific, AI and cloud technology to improve verification efficiency

# Verification Hardware: ZeBu® Server 4 Emulation System

## Leading System for Software Bring-up

Only modern system to allow software-on-hardware validation

## Industry's Fastest Emulation System

2X higher performance

## Industry's Largest Capacity

Scalable to 19B+ gates

## Industry's Lowest Total Cost of Ownership

1/10<sup>th</sup> lower power consumption, half data center footprint



ZeBu Server 4



# Introducing Application-Specific Verification Hardware

## ZeBu EP1: Industry's First 10 MHz Emulator

Accelerates hardware/software verification for SoCs up to 2 billion gates

3-4x higher performance vs competition

Supports at-speed, full-visibility debug and all emulation use cases



*ZeBu EP1*

## ZeBu Empower: Industry's First Power Emulator

Enables power verification of complex SoC running real-world software

Native Cloud scalability for billions of SW cycles on multi-billion gate SoCs

Integrates with PrimePower, the industry's golden power signoff solution



*ZeBu Empower*

# Verification Hardware: HAPS-100 Prototyping System

## Industry's Highest Performance Prototyping System

20-50 MHZ for complex SoC software development and system validation

## Industry's Highest Prototyping Debug Productivity

4x higher debug performance vs HAPS-80

## Enterprise and Ecosystem Scalability

HAPS Gateway software enabling multi-design, multi-user parallelization

## Proven Direct Connect Architecture

Broadest portfolio of accessory cards for real-world IO connectivity



*HAPS-100*



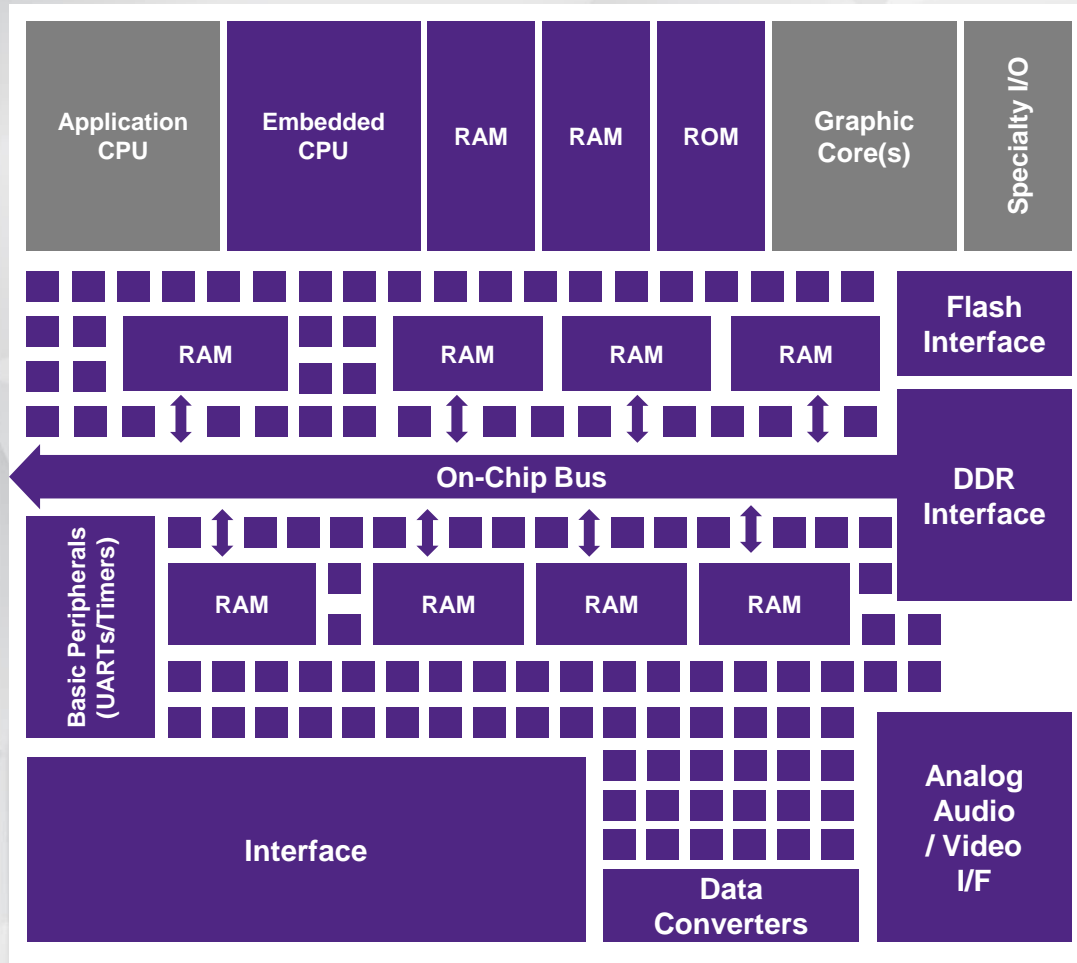
# Leader in Semi IP

- #2 market share in IP, the reusable building blocks that are used for chip designs
  - Leading supplier of interface, memory, analog and physical IP
  - ~\$5.1 billion market\*, benefitting from our customers' move to outsourcing more and more complex IP
- IP reuse reduces our customers' chip design costs, lowers risk and speeds time-to-market
- Serving high-impact, growing markets (IoT, Automotive, Security, Cloud Computing), advanced processes & protocols
- >20 years of investment and commitment resulting in unmatched portfolio breadth, quality and reliability

\* 2021E; Source: Ipnest (Oct 2021); Internal estimates (Jan 2022)



# Broadest and Most Comprehensive IP Platform



■ Synopsys Portfolio

\* Small boxes are standard cell library elements.

- Broadest portfolio available in the market; FY21 revenue >\$1B
- Covers vast majority of chip
- Growing demand for more integrated subsystems
- New markets drive new opportunities
- Customers count on us for the long haul to accelerating time-to-market and reduce risk

# High-Impact Markets: Increasing Technology Complexity

Driving Growth in Third-Party IP Demand



## AI

Machine Learning,  
Deep Neural  
Networks



## AUTOMOTIVE

ADAS,  
Infotainment,  
Connected Vehicle



## CLOUD

Networking,  
Servers AI  
Accelerators



## IoT

Smart Home,  
Industrial,  
Wearables

# Comprehensive IP Solutions for Cloud Computing SoCs

## Servers



- Improved power efficiency for high-density and edge environments

## Networking



- Increasing data volume driven from rich media and high-speed devices

## Storage



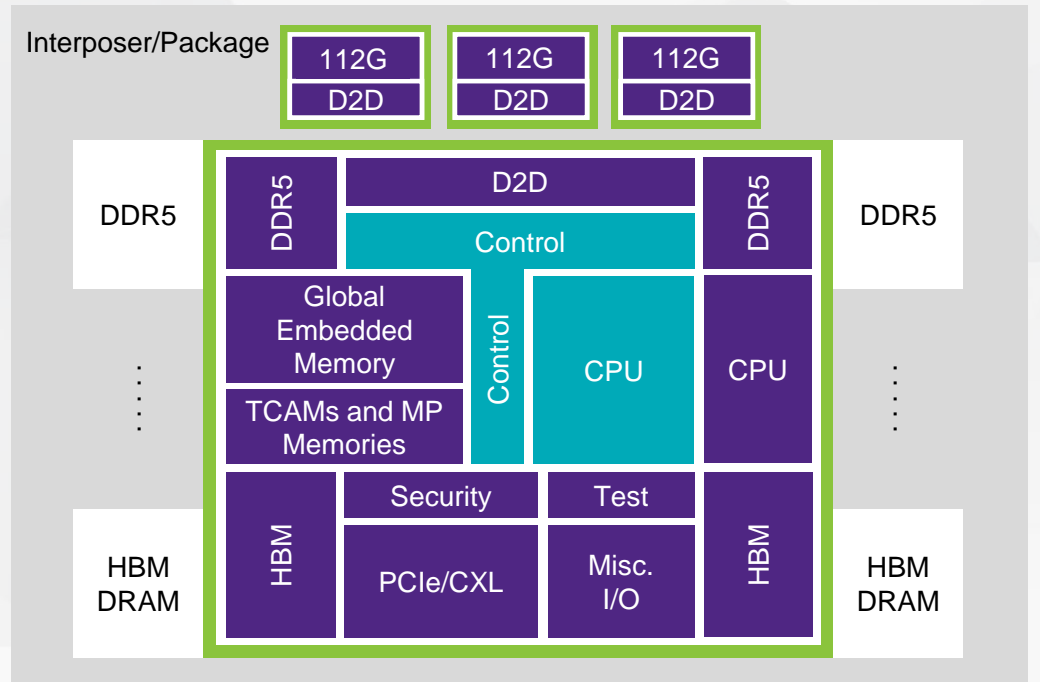
- Rapid data growth requires faster data access & local processing

## Artificial Intelligence



- AI accelerators in cloud servers extract insights from large data sets

## DesignWare® Interface, Foundation and Processor IP for Cloud Applications



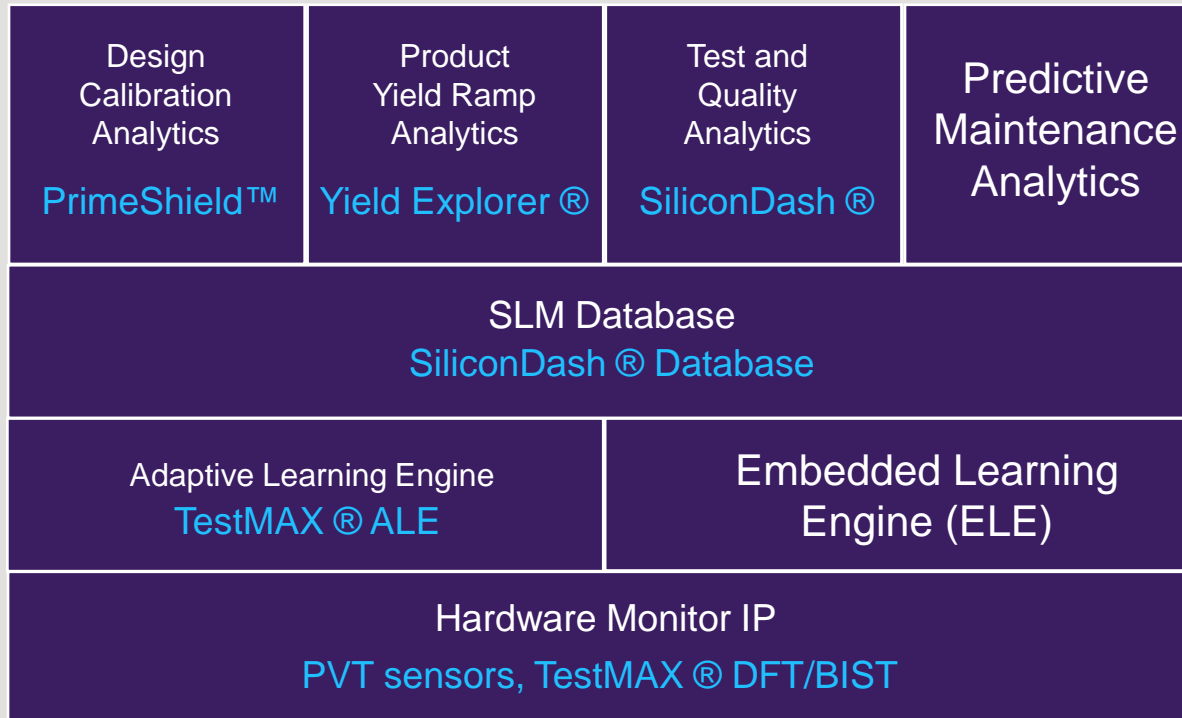
- **Interface IP:** PCIe 6.0, 5.0, CXL, HBM2/2E, DDR5, 112G Ethernet, Die-to-Die
- **Foundation IP:** specialty memories & logic libraries
- **Processor IP:** ARC HS Processors



# Silicon Lifecycle Management Platform

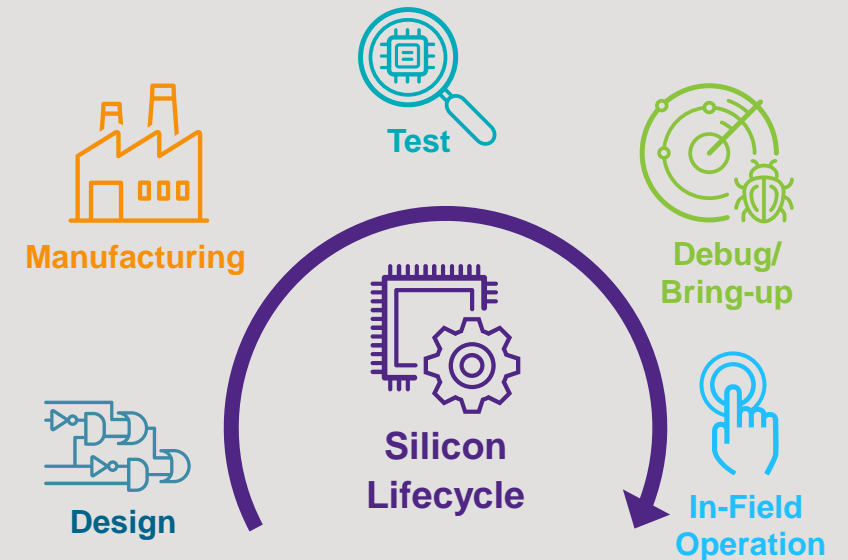


## Silicon Lifecycle Management



### New Insights

Monitor, manage and optimize the performance, health and security of the chip from initial qualification to end-of-life



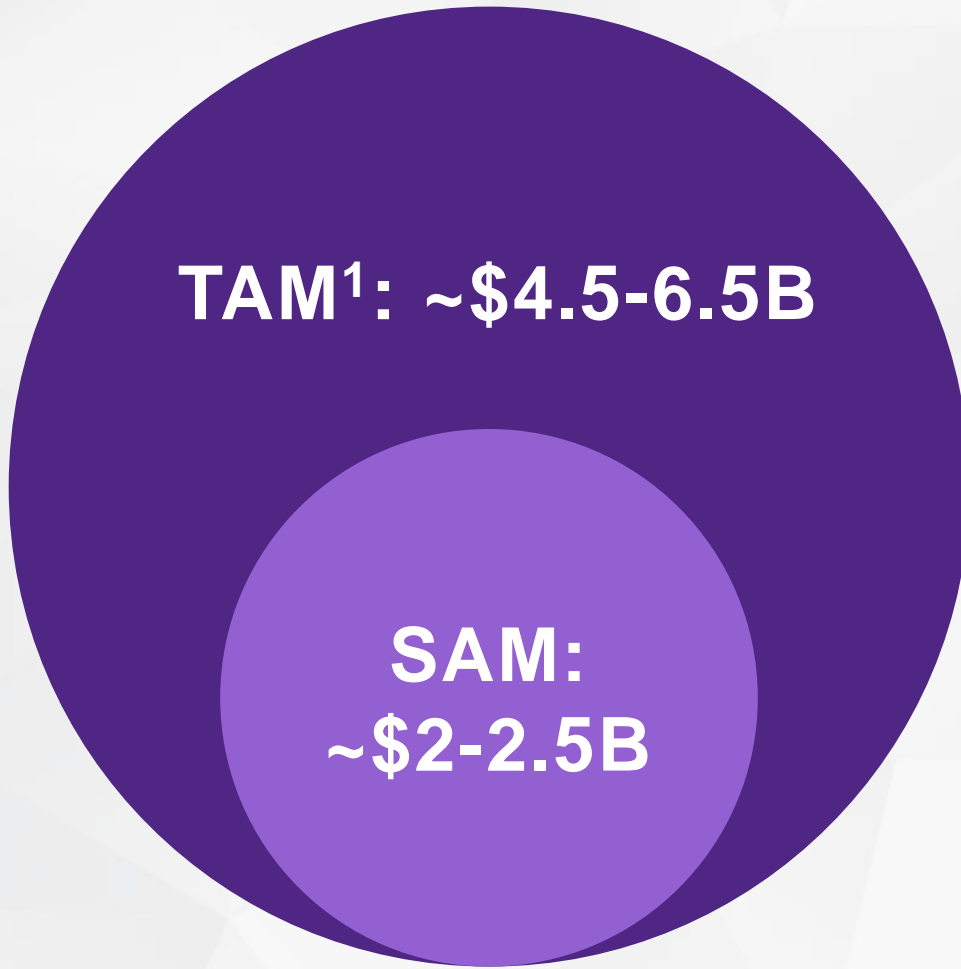


# Leader in Software Integrity

Entered the software security & quality space in 2014

- Assembled and developed the broadest portfolio of solutions on the market; \$394 million revenue in FY21
- Solutions allow organizations to identify and fix security and quality defects early in software development lifecycle
- Approximately \$2-2.5 billion served market: fragmented, with numerous point solutions; recognition of cost of software failure has increased dramatically
- Synopsys Polaris Software Integrity Platform<sup>®</sup> enables customers to fully leverage the strength of the core products and integrate Synopsys into critical development workflows

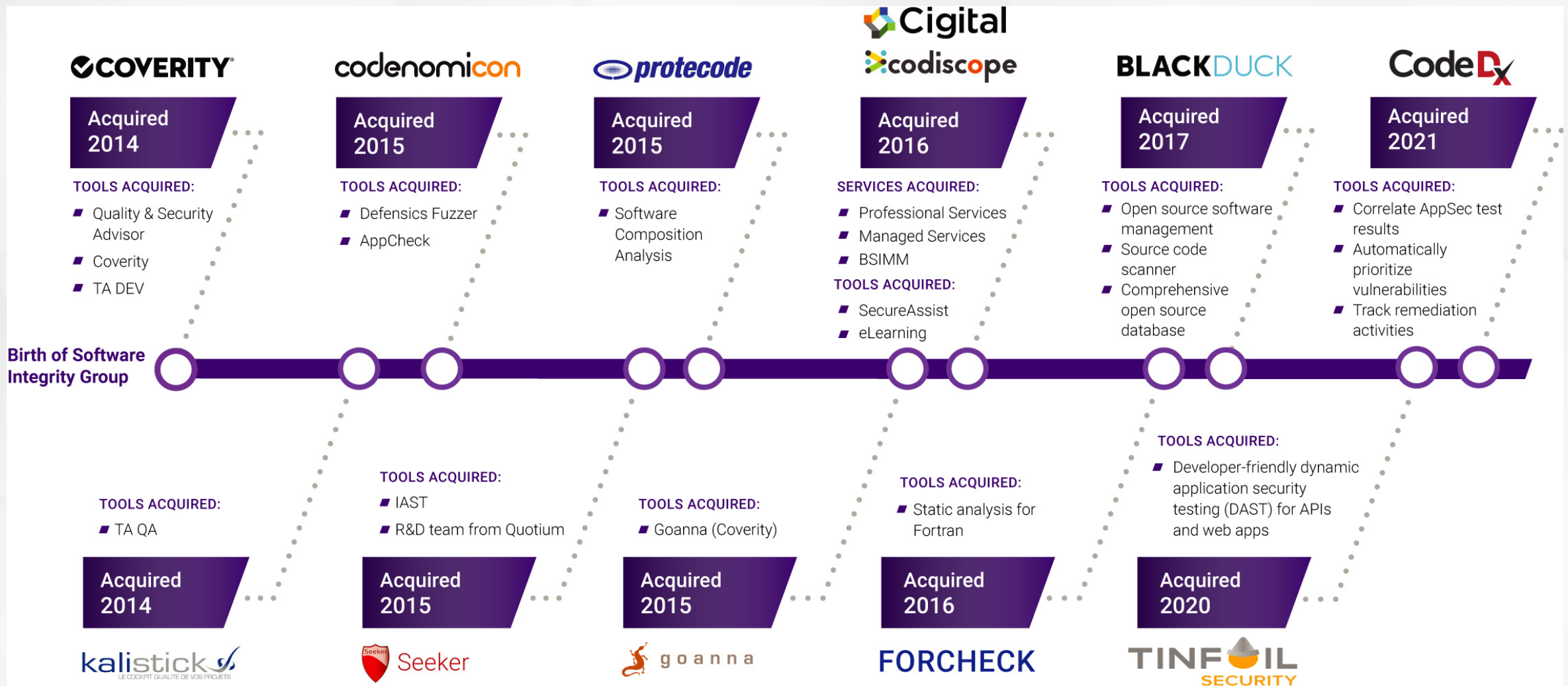
# Software Security & Quality Market



1. AST, TVM/VA, cloud security

- Evolving, nascent market
- Growth drivers:
  - Omnipresence of software
  - Widespread connectivity exacerbates security issues
  - Significant business risk from breaches
  - Large development teams
- Market growth rate: mid-teens %
- Synopsys L-T multi-year growth objective: ~15-20% range\*

# Growing the Software Integrity Platform - Acquisitions





# The Most Complete Portfolio in the Industry

## Static Analysis



- Find critical defects and vulnerabilities in code
- Runs in the dev environment and DevSecOps workflow
- OWASP Top 10 and CWE Top 25
- Automotive compliance (MISRA, ISO26262)

## Software Composition Analysis



- Find known vulnerabilities in open-source & 3rd party code
- Identifies license and compliance risks
- Tests source and binaries in apps and containers
- Supply chain total health with SW BoM

## Dynamic Analysis



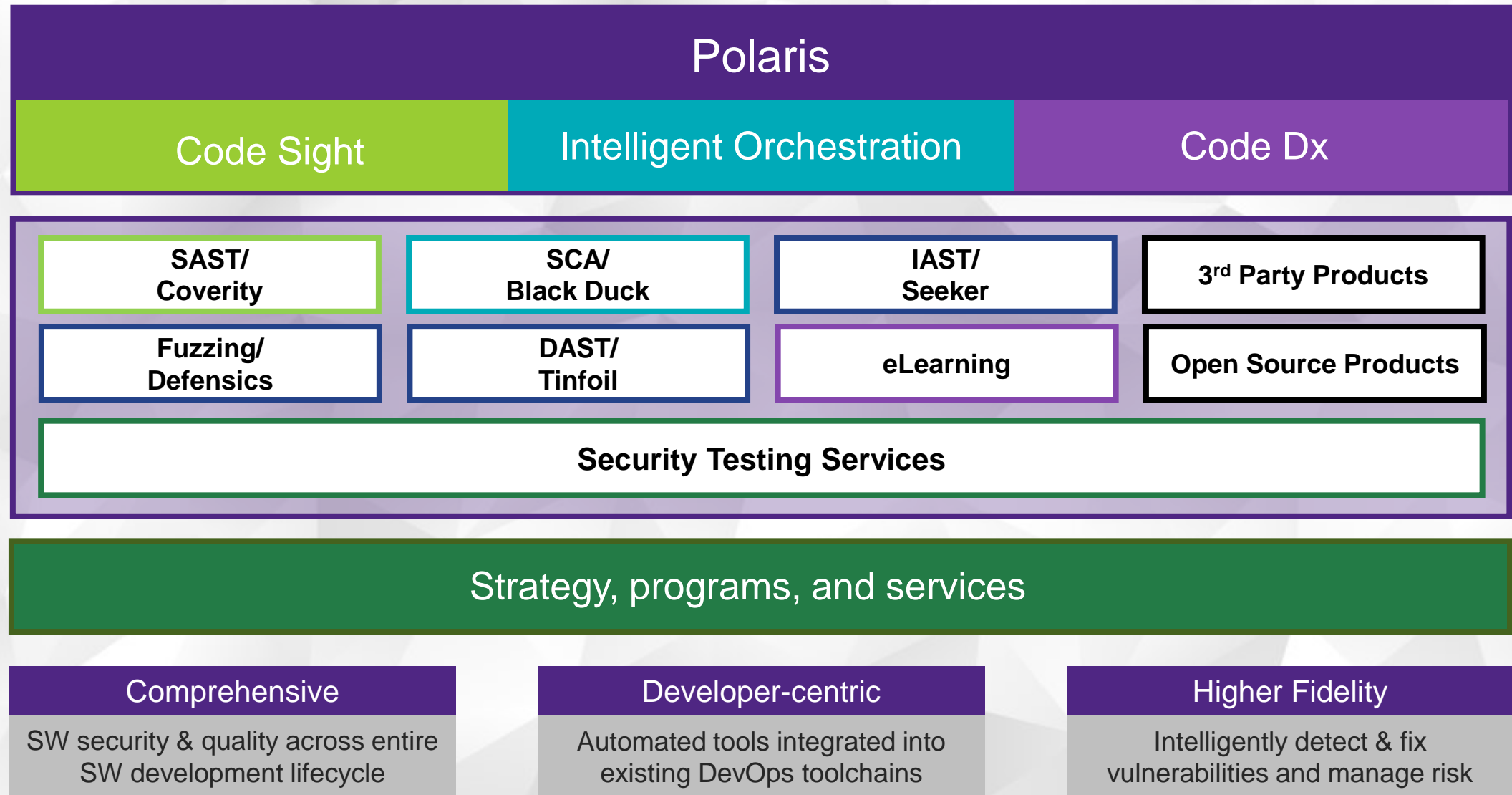
- Tests running apps for security vulnerabilities
- Enables dev to fix security flaws early in the SDLC
- API Scanner for IoT devices and mobile backend servers
- Fuzzing for automotive protocols and 5G

## Security Services



- Strategic analysis to build Software Security Initiative
- DevSecOps integration injects security into dev workflow
- Managed services provides full testing capabilities
- Architecture/design modeling eliminates software flaws

# Build Trust in Your Software



# Synopsys is a Leader in Application Security Testing

Recognized as a Leader for the 5<sup>th</sup> year in a row

## 2021 Gartner Magic Quadrant for Application Security Testing

Download a free copy of the [2021 Magic Quadrant for Application Security Testing](#).

Figure 1: Magic Quadrant for Application Security Testing



Source: Gartner (May 2021)

This graphic was published by Gartner, Inc. as part of a larger research document and should be evaluated in the context of the entire document. The Gartner document is available upon request [here](#).

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Gartner, Inc. "Magic Quadrant for Application Security Testing" by Dale Gardner, Mark Horvath, and Dionisio Zumerle, May 27, 2021.

# Recognized Leader in End-to-End Application Security

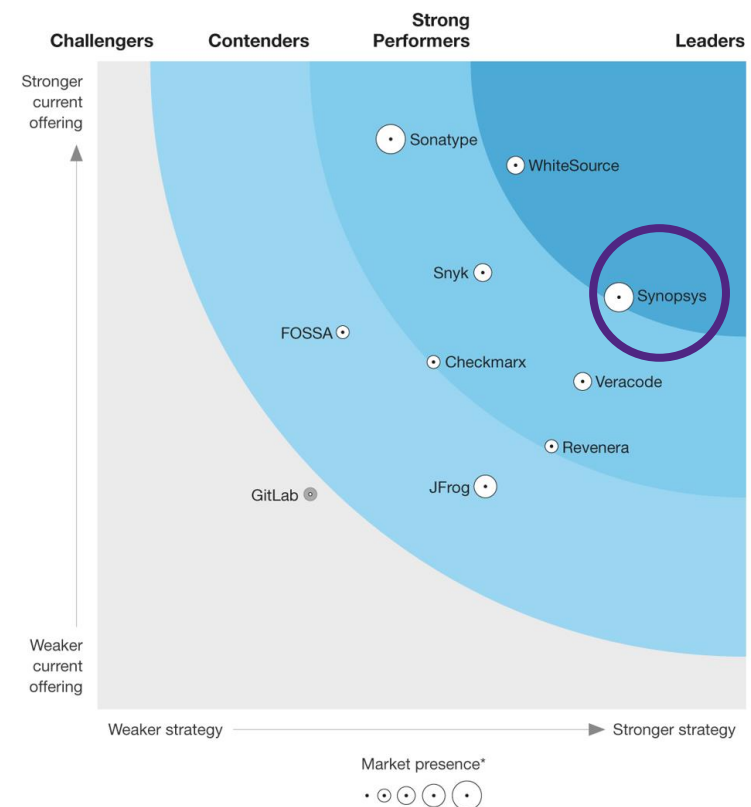
Synopsys is the only vendor recognized as the leader in both SAST & Open Source (SCA)

## Forrester Wave™: Static Application Security Testing, 2021



Source: Forrester (January 2021)

## Forrester Wave™: Software Composition Analysis, 2021



Source: Forrester (August 2021)

Download a free copy of [The Forrester Wave™: Static Application Security Testing, Q1 2021](#)

Download a free copy of [The Forrester Wave™: Software Composition Analysis, Q3 2021](#)



# Trusted Partner



**17 of the Top 25**  
Commercial  
Banks



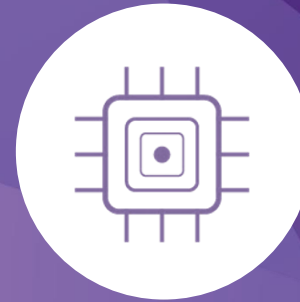
**5 of the Top 5**  
Financial Data  
Services Firms



**9 of the Top 10**  
Software  
Companies



**5 of the Top 5**  
Aerospace &  
Defense Firms



**14 of the Top 15**  
Semiconductor  
Manufacturers



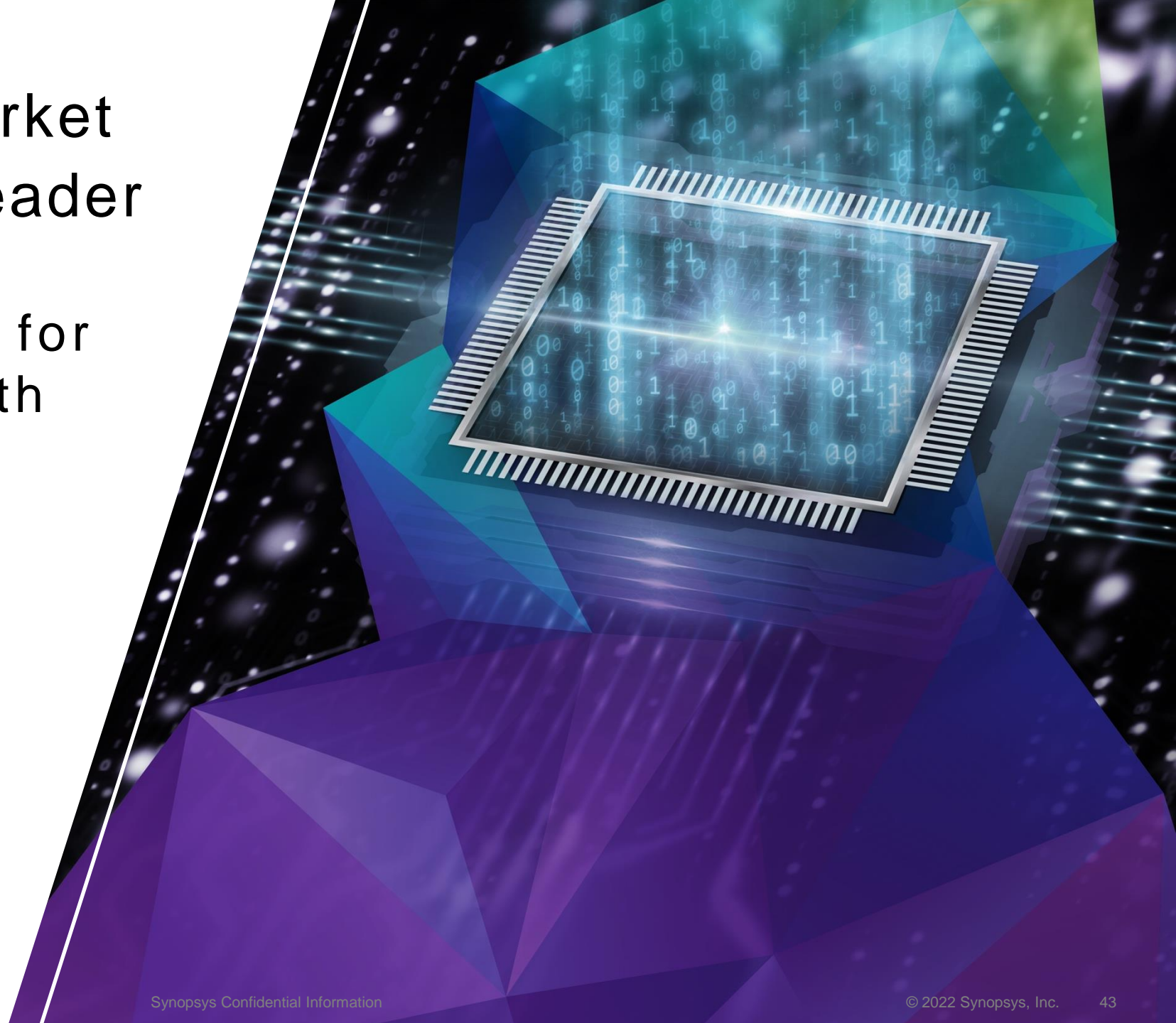
**3 of the Top 4**  
U.S. communications  
providers

Our mission is to help build secure,  
high-quality software faster

# Synopsys: The Market and Technology Leader

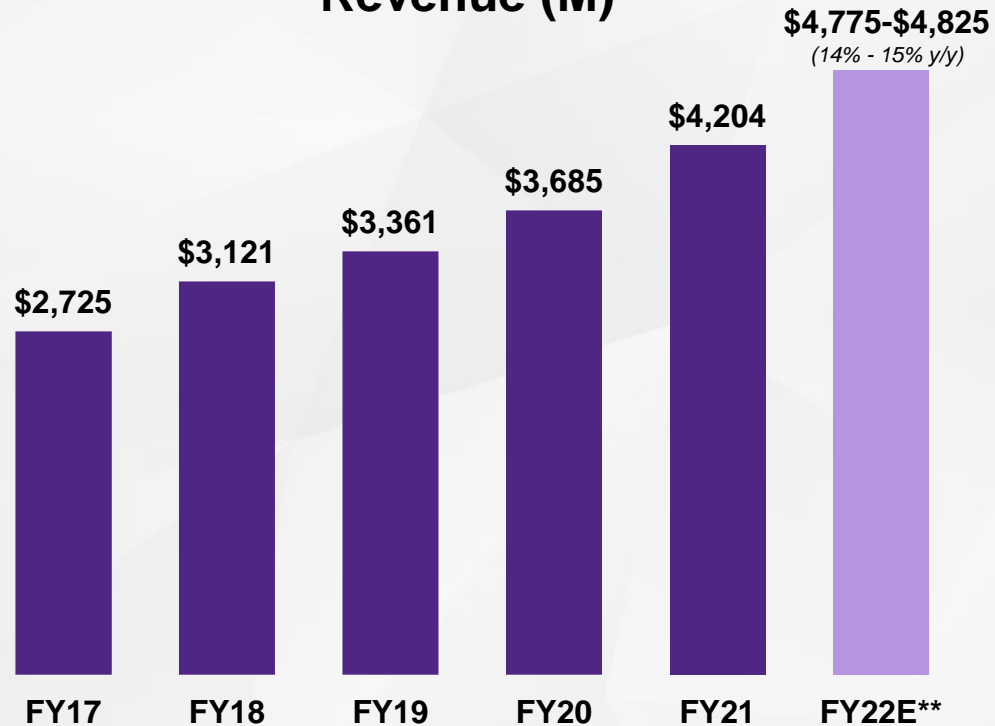
## Uniquely Positioned for Stability and Growth

- Robust End Markets Driving Growth
- Clear Technology Leadership
- ▶ Financial Strength and Growth



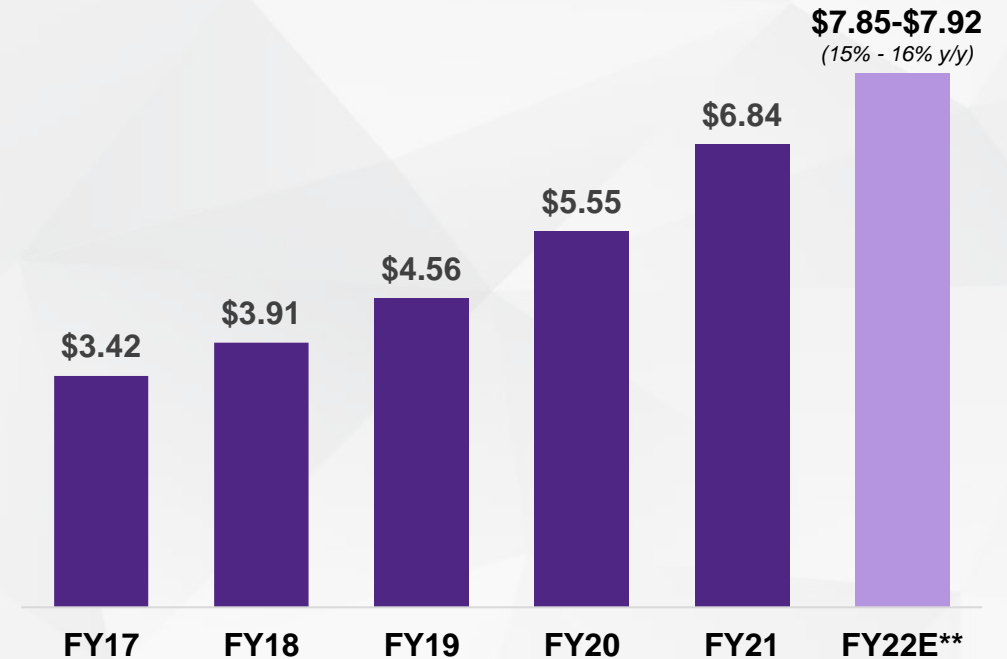
# Excellent Financial Execution

## Revenue (M)



Recurring revenue model with \$6.9B non-cancellable backlog provides stability throughout the business cycle

## Non-GAAP EPS\*



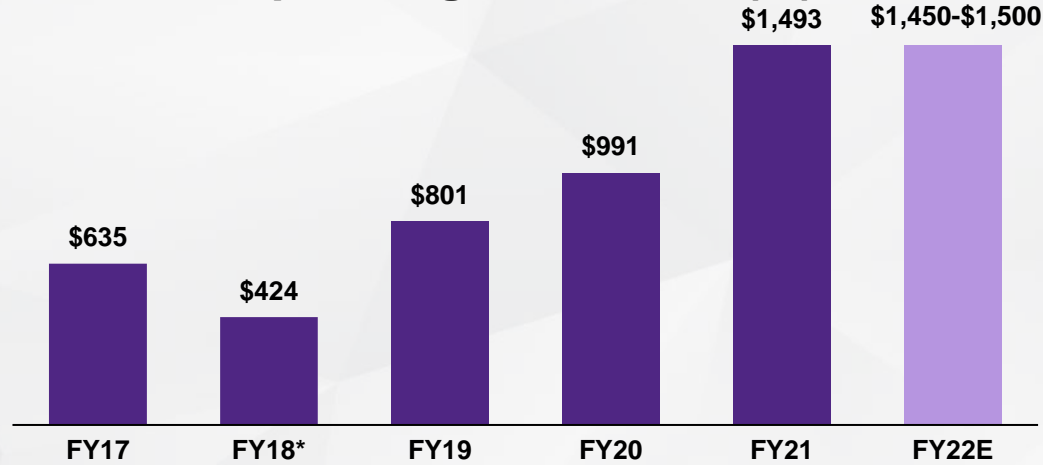
Strong financial execution while investing for long-term growth

\* A GAAP to non-GAAP reconciliation of FY17 to FY22E earnings per share is included at the end of this presentation

\*\* FY22E reflects guidance provided as of February 16, 2022

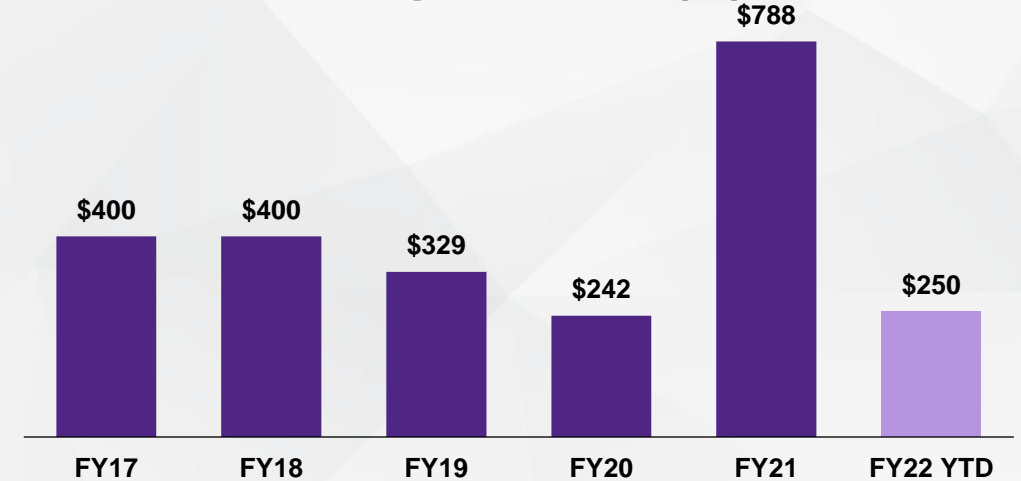
# Cash Flow & Capital Allocation

## Operating Cash Flow (M)



- Roughly tracks EBITDA less cash taxes on multi-year basis
- Variable from year to year, based mainly on timing of large contracts and payments

## Stock Repurchases (M)



- Repurchased more than \$2B in stock since 2017
- Capital allocation priorities:
  - Internal investments
  - Buybacks and acquisitions


\* Includes approximately \$230M in one-time payments

\*\* FY22E reflects targets provided by Synopsys as of February 16, 2022

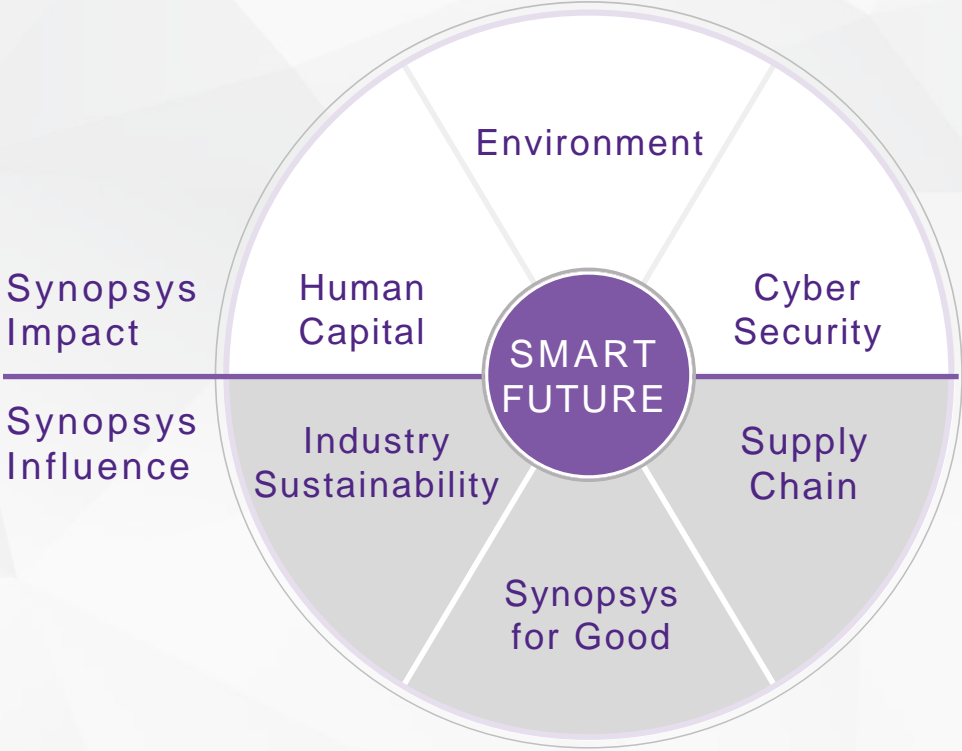


# Synopsys Corporate Social Responsibility

Working Together for a **Smart Future**



Our Smart Future CSR program provides a focus and structure for how we address both our own operational impact on the world and our ability to influence others around us.



# Synopsys ESG Progress Highlights

## Scope 1 and 2 GHG emissions

- Pledged to reduce by 25% by 2024 over 2018 baseline, in line with Paris Agreement's goal to limit global temperature rise within 1.5 degrees Celsius above pre-industrial levels.
- Entered into one of the largest corporate aggregated clean energy procurement agreements to accelerate renewable energy development

## Achieved CarbonNeutral® certification for third consecutive year

## Inclusion & Diversity efforts have led to enhanced gender diversity across company and on Board of Directors

- 33% female representation on Board

## Employee engagement: critical component of human capital management

- Frequent, results-driven employee surveys – most recent achieved 88% participation rate
- Have expanded our disclosures in annual SEC Form 10-K



# Synopsys ESG Progress Highlights

## Security

- Formally adopted industry-recognized frameworks to structure, test and assess the rigor of our cybersecurity and product security practices.
- Our leading Software Integrity business offers security-enhancing products and services that help enterprises build more secure software development processes.

## Corporate Social Responsibility report

- Published second annual CSR Report earlier this year with alignment to GRI standards and in line with disclosures recommended by SASB.

## Ratings progress

- As a result of step-by-step enhancements to our disclosures, governance and goal setting, we've made good progress in improving our ratings – in particular, for ISS ESG, Sustainalytics and MSCI.



## Market and Technology Leader

Electronic  
Design Automation

Semiconductor  
Intellectual Property

Software Security  
& Quality

## Solid Financials

Recurring revenue model

Large, non-cancellable backlog

Excellent execution



# GAAP to Non-GAAP Reconciliation<sup>(1)</sup>

## Earnings Per Share – Full Fiscal Year 2022 Targets

	Range for Fiscal Year October 31, 2022	
	Low	High
Target GAAP earnings per share	\$ 5.53	\$ 5.72
Adjustments:		
Amortization of intangible assets	0.54	0.50
Stock compensation	2.98	2.90
Acquisition-related costs	0.01	0.01
Restructuring charges	0.07	0.07
Tax adjustments	(1.28)	(1.28)
Target non-GAAP earnings per share	\$ 7.85	\$ 7.92
Shares used in non-GAAP calculation (midpoint of target range)	158,500	158,500

(1) Synopsys' fiscal year will end on October 29, 2022. For presentation purposes, we refer to the closest calendar month end.

For additional information about the measures Synopsys uses to evaluate its core business operations, please review the earnings press release and Item 2.02 of the Current Report on Form 8-K filed on February 16, 2022.

# GAAP to Non-GAAP Reconciliation<sup>(1)</sup>

## Operating Margin – Midpoint of Fiscal Year 2022 Targets

	<b>Twelve Months Ended October 31, 2022</b>
At midpoint of revenue and expense guidance ranges	
GAAP operating margin	20.3%
Amortization of intangible assets	1.7%
Stock compensation	9.7%
Acquisition-related costs	0.0%
Restructuring charges	0.2%
Target non-GAAP operating margin	<b>31.9%</b>

(1) Synopsys' fiscal year will end on October 29, 2022. For presentation purposes, we refer to the closest calendar month end.

(2) These numbers represent the midpoint of targets in the prepared remarks provided on February 16, 2022, and do not represent official guidance for fiscal year 2022.

For additional information about the measures Synopsys uses to evaluate its core business operations, please review the earnings press release and Item 2.02 of the Current Report on Form 8-K filed on February 16, 2022.

# GAAP to Non-GAAP Reconciliation

## Earnings Per Share – Full Fiscal Years 2017 to 2021 Actual Results

	<b>ASC 605</b>		<b>ASC 605</b>		<b>ASC 606</b>		<b>ASC 606</b>		<b>ASC 606</b>	
	<b>FY2017</b>		<b>FY2018</b>		<b>FY2019</b>		<b>FY2020</b>		<b>FY2021</b>	
GAAP diluted net income per share	\$	0.88	\$	2.82	\$	3.45	\$	4.27	\$	4.81
Adjustments:										
Amortization of intangible assets		0.70		0.82		0.65		0.59		0.52
Stock compensation		0.70		0.91		1.01		1.60		2.19
Acquisition-related costs		0.06		0.14		0.04		0.08		0.10
Restructuring charges		0.24		0.08		0.31		0.23		0.21
Legal matters		0.05		0.17		(0.12)		-		(0.01)
Income tax related to transition tax		-		0.41		-		-		-
Income tax related to tax rate change		-		0.33		-		-		-
Income tax related to tax restructuring		-		(1.12)		-		-		-
Tax impact of repatriation		1.07		-		-		-		-
Tax settlement		-		-		0.11		-		-
Tax adjustments		(0.28)		(0.65)		(0.89)		(1.22)		(0.98)
Non-GAAP diluted net income per share	\$	3.42	\$	3.91	\$	4.56	\$	5.55	\$	6.84

For additional information about the measures Synopsys uses to evaluate its core business operations, please review the earnings press release and Item 2.02 of the Current Report on Form 8-K filed on February 16, 2022.



**THANK YOU**